

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081919\
 Data File : VN057414.D
 Acq On : 19 Aug 2019 21:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 20 08:46:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	845433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1223999	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1120712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	453246	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	449357	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
35) Dibromofluoromethane	7.58	113	415687	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
50) Toluene-d8	10.08	98	1547208	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
62) 4-Bromofluorobenzene	12.40	95	527031	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	314872	43.282	ug/l	97
3) Chloromethane	2.05	50	356922	41.566	ug/l	99
4) Vinyl Chloride	2.18	62	347018	42.956	ug/l	99
5) Bromomethane	2.54	94	265981	46.189	ug/l	99
6) Chloroethane	2.69	64	243587	43.836	ug/l	98
7) Trichlorofluoromethane	3.01	101	581335	45.877	ug/l	98
8) Diethyl Ether	3.40	74	214905	45.060	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.75	101	344497	46.273	ug/l	98
10) Methyl Iodide	3.95	142	600714	50.480	ug/l	99
11) Tert butyl alcohol	4.75	59	277259	212.198	ug/l #	85
12) 1,1-Dichloroethene	3.73	96	341435	46.029	ug/l	97
13) Acrolein	3.60	56	109797	138.424	ug/l	99
14) Allyl chloride	4.31	41	511532	43.021	ug/l	98
15) Acrylonitrile	4.97	53	787317	221.948	ug/l	100
16) Acetone	3.80	43	599878	188.152	ug/l	98
17) Carbon Disulfide	4.05	76	855735	42.821	ug/l	99
18) Methyl Acetate	4.31	43	378653	44.165	ug/l	97
19) Methyl tert-butyl Ether	5.02	73	1082270	46.499	ug/l	98
20) Methylene Chloride	4.54	84	392833	44.037	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	368148	46.151	ug/l	93
22) Diisopropyl ether	5.94	45	1041282	44.331	ug/l	97
23) Vinyl Acetate	5.88	43	4150639	219.565	ug/l	98
24) 1,1-Dichloroethane	5.83	63	651049	45.052	ug/l	99
25) 2-Butanone	6.82	43	950076	205.780	ug/l	93
26) 2,2-Dichloropropane	6.81	77	494417	42.334	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	437895	46.369	ug/l	97
28) Bromochloromethane	7.18	49	290952	45.314	ug/l #	92
29) Tetrahydrofuran	7.19	42	612023	209.465	ug/l	97
30) Chloroform	7.36	83	684946	45.229	ug/l	97
31) Cyclohexane	7.64	56	523205	41.779	ug/l	95
32) 1,1,1-Trichloroethane	7.56	97	623048	48.915	ug/l	99
36) 1,1-Dichloropropene	7.78	75	493143	45.631	ug/l	99
37) Ethyl Acetate	6.91	43	395754	44.710	ug/l	99
38) Carbon Tetrachloride	7.77	117	554943	49.422	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	571003	45.249	ug/l	98
40) Benzene	8.03	78	1540553	46.606	ug/l	98
41) Methacrylonitrile	7.19	41	562751	141.177	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	514106	46.992	ug/l	100
43) Isopropyl Acetate	8.15	43	763666	47.111	ug/l	99
44) Trichloroethene	8.83	130	452084	48.647	ug/l	96
45) 1,2-Dichloropropane	9.11	63	395224	46.386	ug/l	100
46) Dibromomethane	9.20	93	261799	46.058	ug/l	94
47) Bromodichloromethane	9.40	83	552639	49.071	ug/l	99
48) Methyl methacrylate	9.19	41	319630	43.851	ug/l	96
49) 1,4-Dioxane	9.19	88	138521	903.686	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	2014756	220.635	ug/l	99
52) Toluene	10.15	92	997764	48.496	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	582250	47.797	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	640246	47.662	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	389128	48.099	ug/l	99
56) Ethyl methacrylate	10.42	69	567968	48.107	ug/l	97
57) 1,3-Dichloropropane	10.70	76	628837	46.528	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	595109	175.378	ug/l	97
59) 2-Hexanone	10.75	43	1423995	216.909	ug/l	97
60) Dibromochloromethane	10.90	129	463462	51.120	ug/l	100
61) 1,2-Dibromoethane	11.00	107	415316	48.191	ug/l	99
64) Tetrachloroethene	10.63	164	459788	47.458	ug/l	98
65) Chlorobenzene	11.43	112	1119598	48.982	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	437784	50.011	ug/l	99
67) Ethyl Benzene	11.51	91	1921303	48.045	ug/l	100
68) m/p-Xylenes	11.62	106	1452712	98.597	ug/l	98
69) o-Xylene	11.95	106	711850	49.206	ug/l	99
70) Styrene	11.96	104	1178756	51.116	ug/l	99
71) Bromoform	12.13	173	360410	52.188	ug/l #	100
73) Isopropylbenzene	12.25	105	1922778	53.590	ug/l	99
74) N-amyl acetate	12.07	43	544357	41.389	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	513107	51.021	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	640886	72.647	ug/l #	100
77) Bromobenzene	12.53	156	522180	53.919	ug/l	95
78) n-propylbenzene	12.59	91	2007370	45.992	ug/l	99
79) 2-Chlorotoluene	12.67	91	1238863	52.013	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	1604662	52.666	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	161845	43.542	ug/l	98
82) 4-Chlorotoluene	12.77	91	1182336	45.714	ug/l	97
83) tert-Butylbenzene	12.99	119	1432584	53.655	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1542985	47.264	ug/l	99
85) sec-Butylbenzene	13.17	105	1765608	51.539	ug/l	100
86) p-Isopropyltoluene	13.29	119	1564602	46.812	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	775560	48.838	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	735278	48.775	ug/l	100
89) n-Butylbenzene	13.62	91	1203362	50.503	ug/l	100
90) Hexachloroethane	13.88	117	310632	54.872	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	737659	49.830	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	70071	43.354	ug/l	99

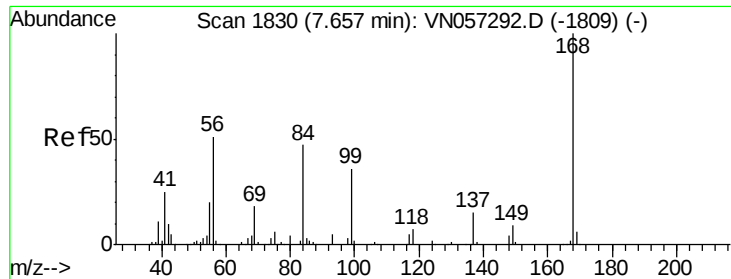
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	264594	45.263	ug/l	99
94) Hexachlorobutadiene	15.01	225	323469	57.687	ug/l	99
95) Naphthalene	15.13	128	513360	54.725	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	242500	56.954	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

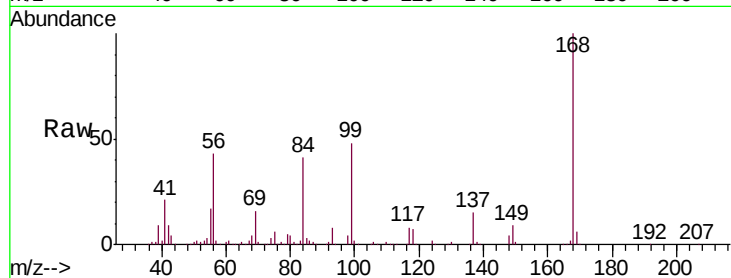
VSTDCCC050

Tgt Ion:168 Resp: 845433

Ion Ratio Lower Upper

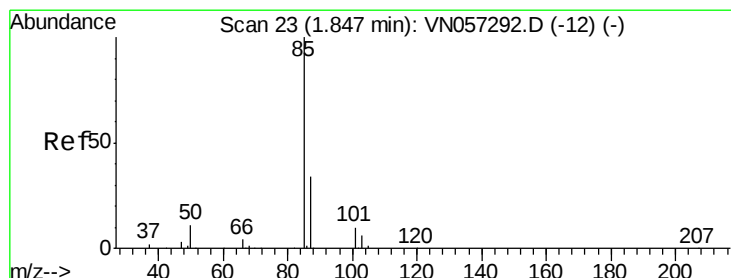
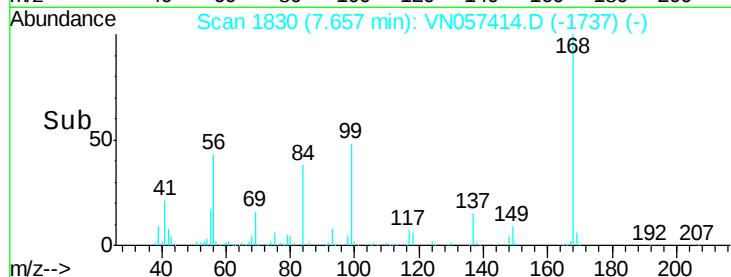
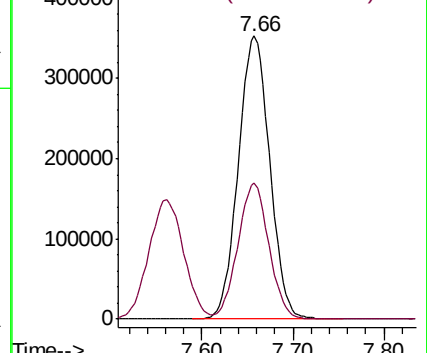
168 100

99 47.9 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 43.282 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN057414.D

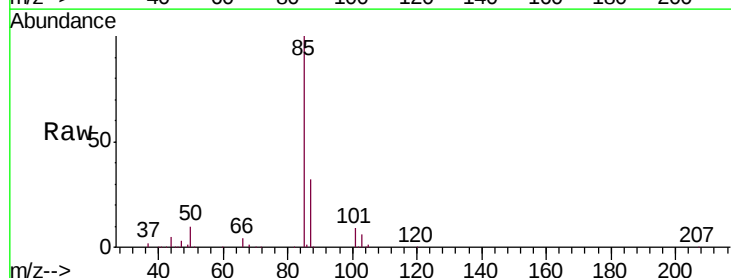
Acq: 19 Aug 2019 21:36

Tgt Ion: 85 Resp: 314872

Ion Ratio Lower Upper

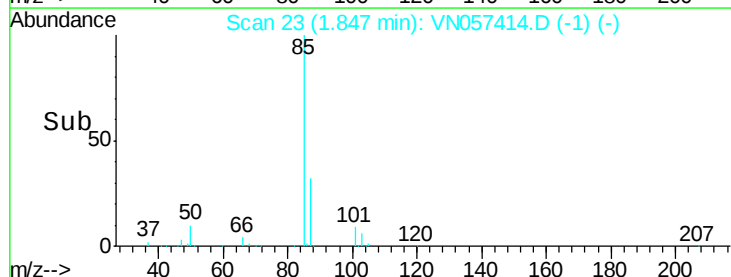
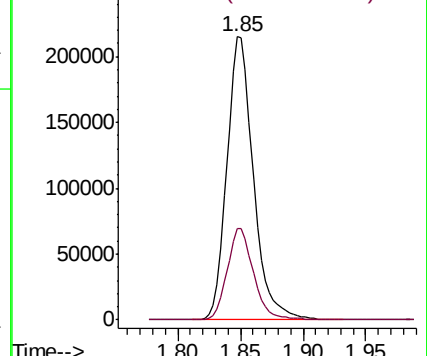
85 100

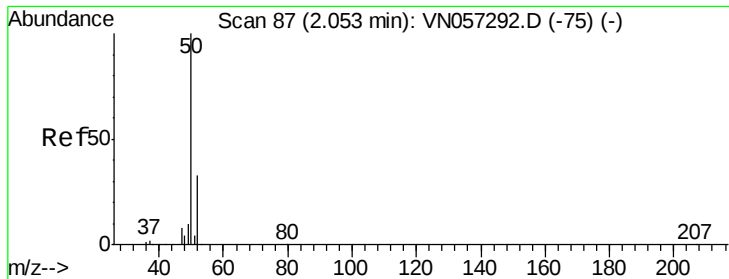
87 32.2 16.9 50.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 41.566 ug/l

RT: 2.05 min Scan# 87

Delta R.T. 0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

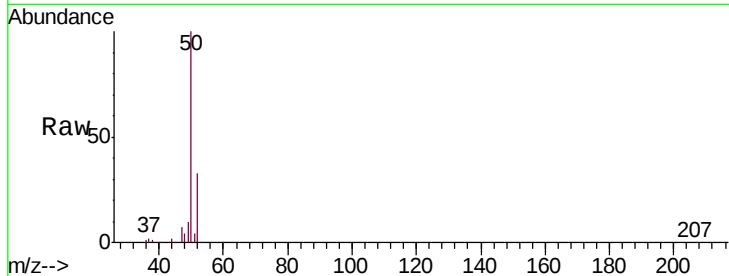
VSTDCCC050

Tgt Ion: 50 Resp: 356922

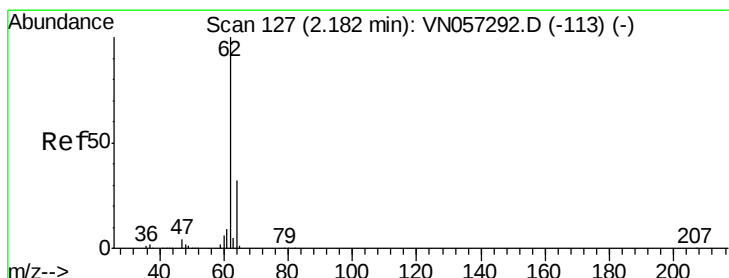
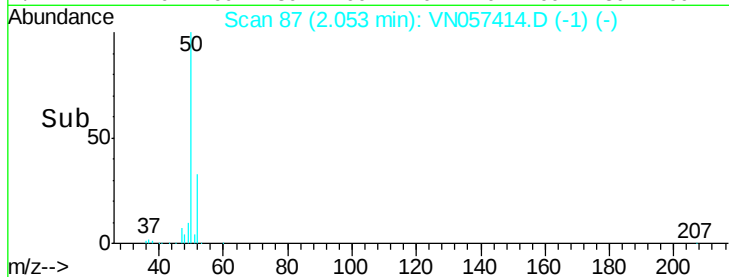
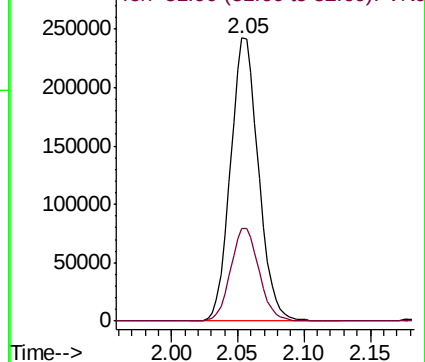
Ion Ratio Lower Upper

50 100

52 32.7 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 42.956 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN057414.D

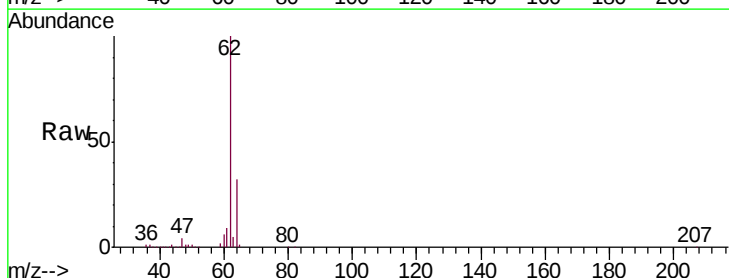
Acq: 19 Aug 2019 21:36

Tgt Ion: 62 Resp: 347018

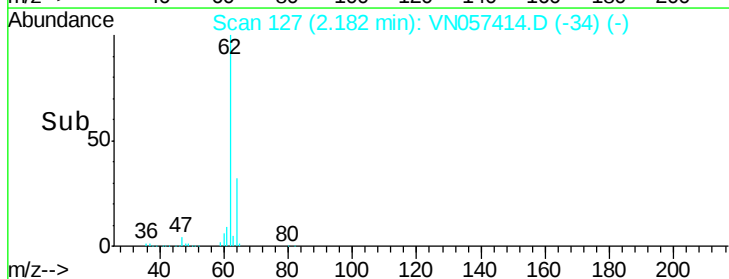
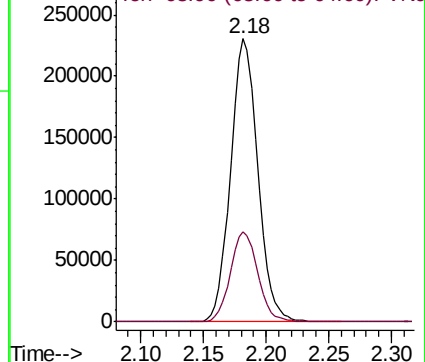
Ion Ratio Lower Upper

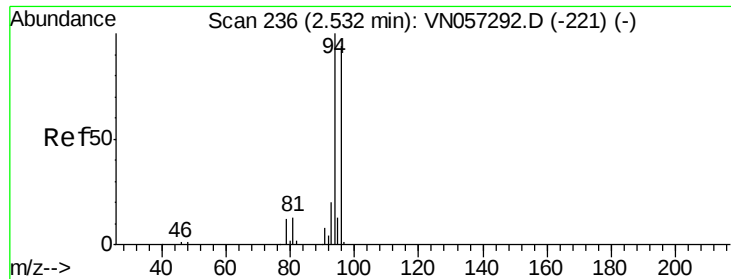
62 100

64 31.7 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 46.189 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

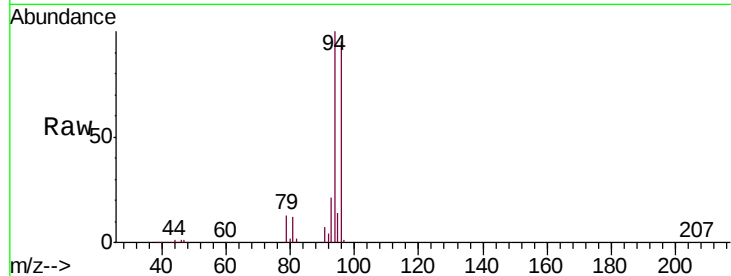
VSTDCCC050

Tgt Ion: 94 Resp: 265981

Ion Ratio Lower Upper

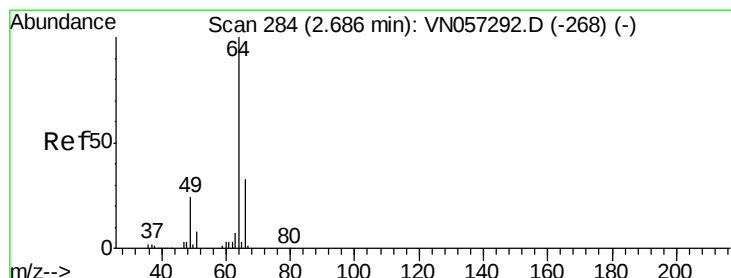
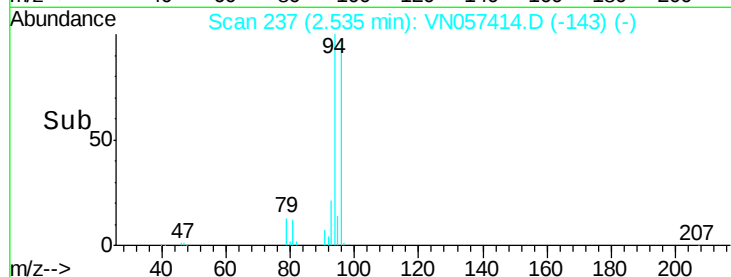
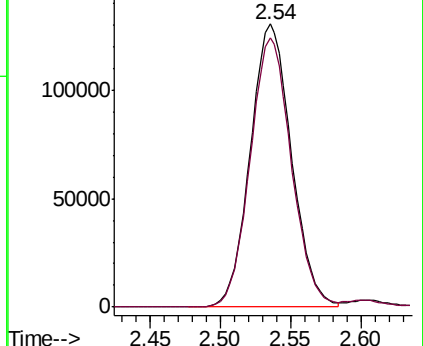
94 100

96 95.2 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VN057414.D (-143) (-)

Ion 95.90 (95.60 to 96.60): VN057414.D (-143) (-)



#6

Chloroethane

Concen: 43.836 ug/l

RT: 2.69 min Scan# 285

Delta R.T. 0.00 min

Lab File: VN057414.D

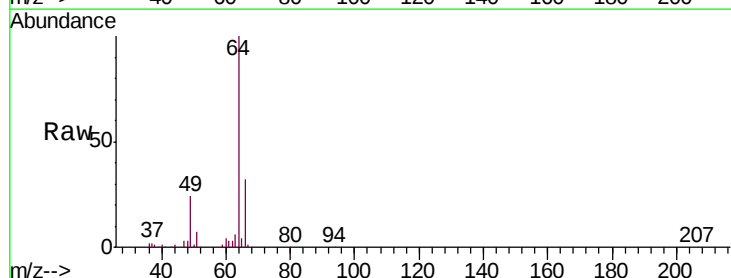
Acq: 19 Aug 2019 21:36

Tgt Ion: 64 Resp: 243587

Ion Ratio Lower Upper

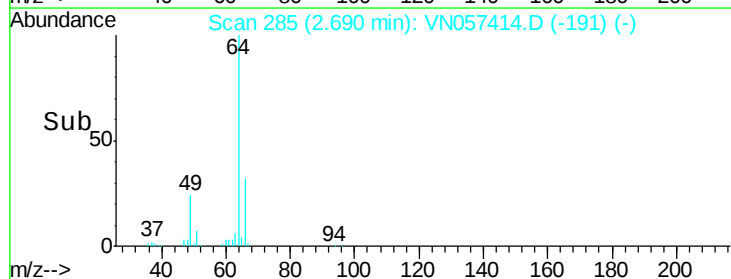
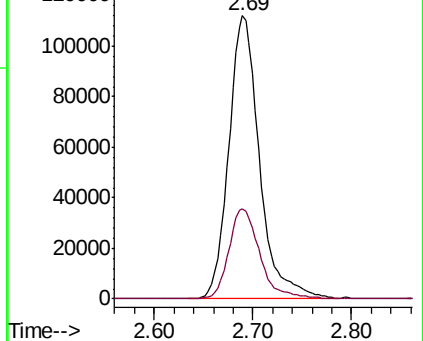
64 100

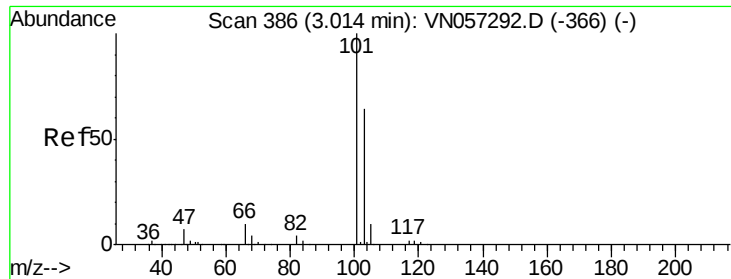
66 31.8 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VN057414.D (-191) (-)

Ion 65.90 (65.60 to 66.60): VN057414.D (-191) (-)



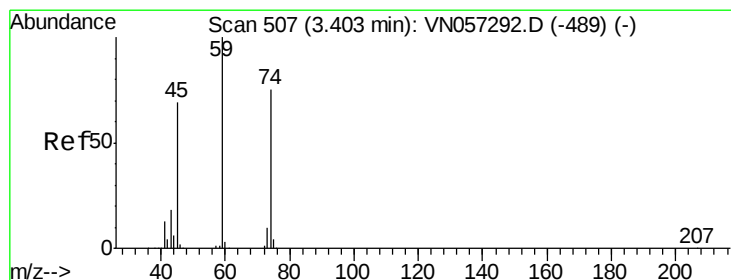
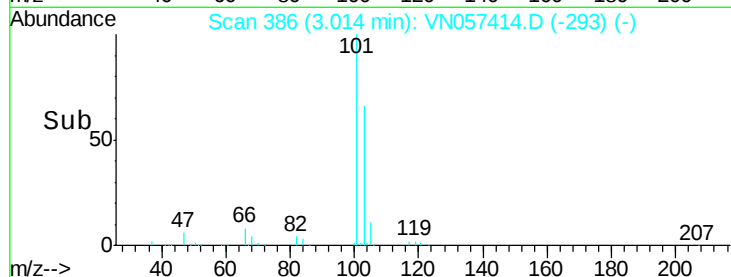
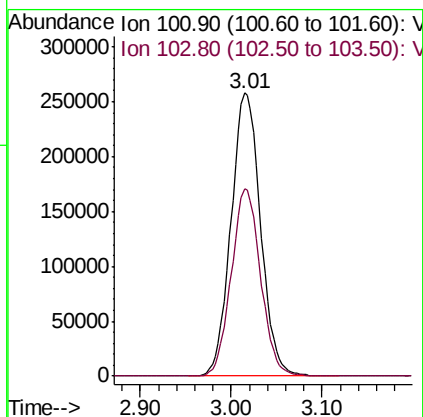
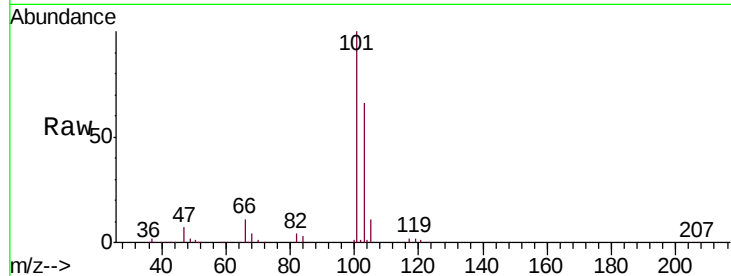


#7

Trichlorofluoromethane
 Concen: 45.877 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: VN057414.D
 Acq: 19 Aug 2019 21:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

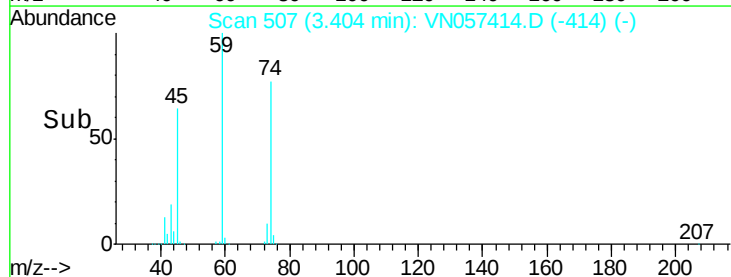
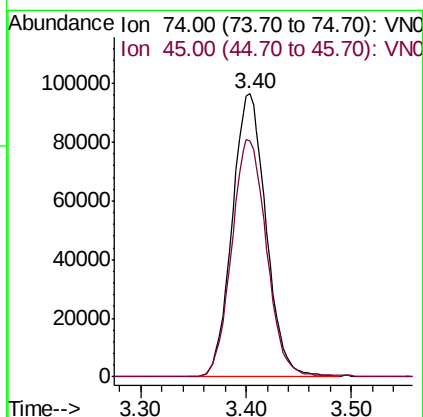
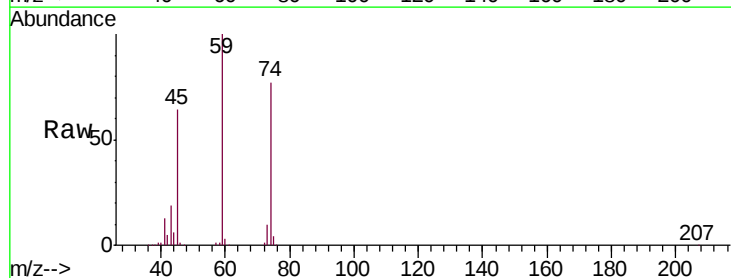
Tgt Ion:101 Resp: 581335
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.5 77.3

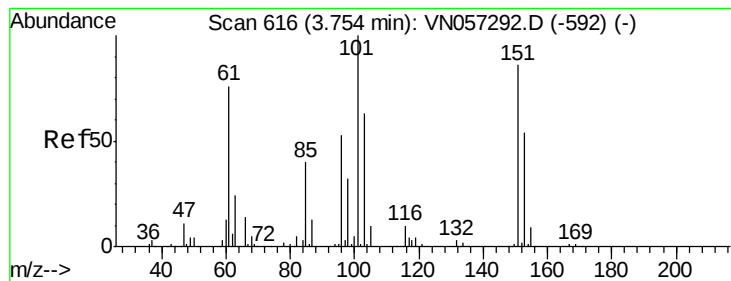


#8

Diethyl Ether
 Concen: 45.060 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: VN057414.D
 Acq: 19 Aug 2019 21:36

Tgt Ion: 74 Resp: 214905
 Ion Ratio Lower Upper
 74 100
 45 86.2 45.9 137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.273 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

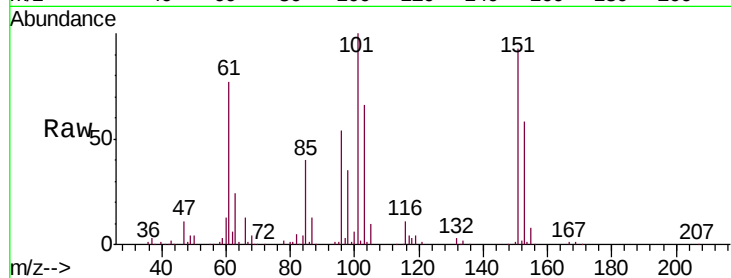
Tgt Ion:101 Resp: 344497

Ion Ratio Lower Upper

101 100

85 40.8 32.7 49.1

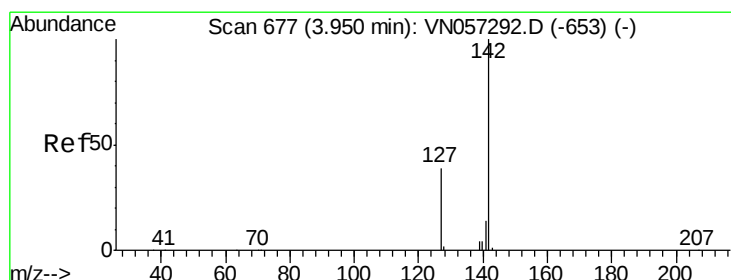
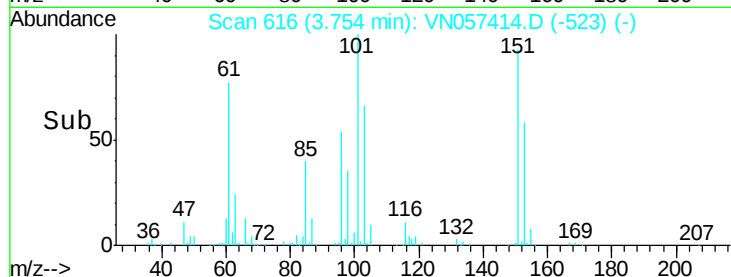
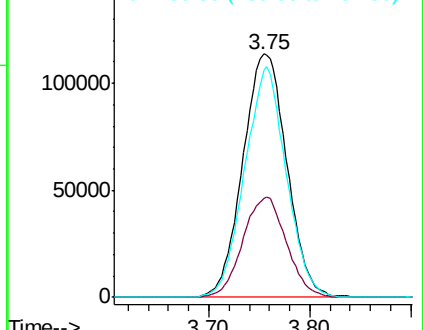
151 89.4 69.1 103.7



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: 50.480 ug/l

RT: 3.95 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

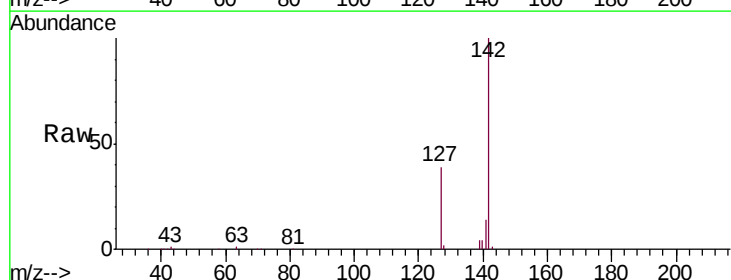
Tgt Ion:142 Resp: 600714

Ion Ratio Lower Upper

142 100

127 38.9 31.6 47.4

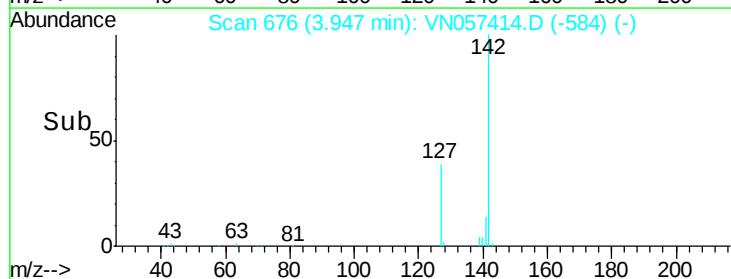
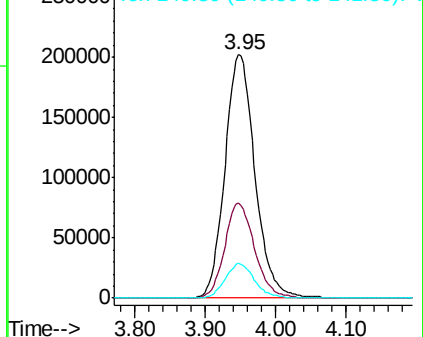
141 14.0 11.2 16.8

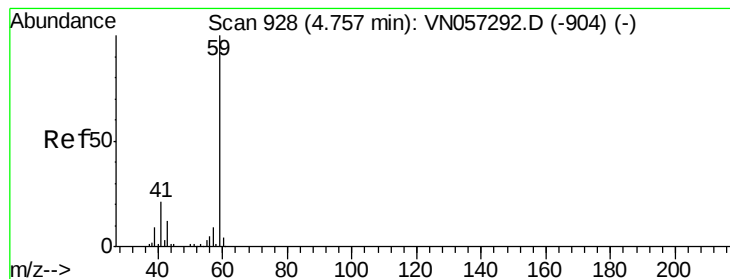


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



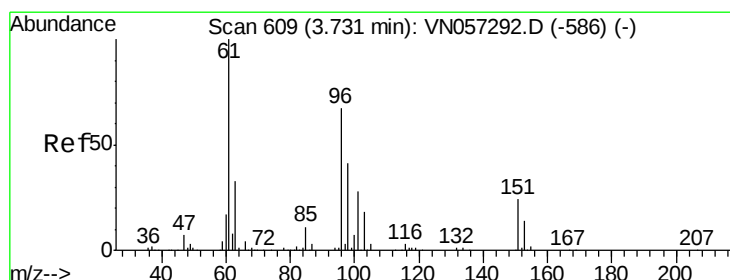
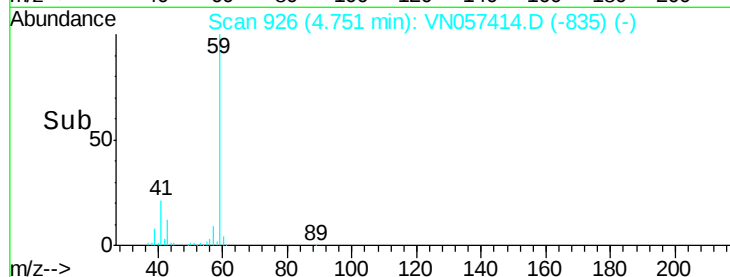
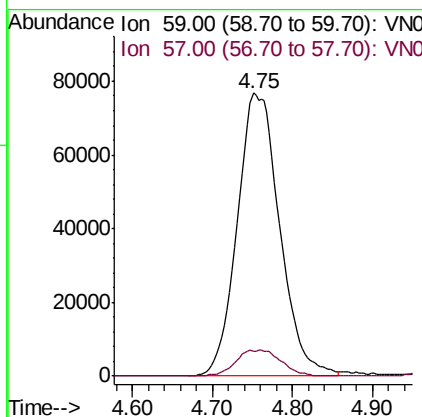
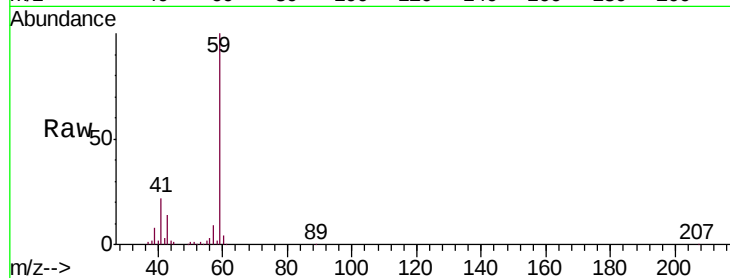


#11

Tert butyl alcohol
 Concen: 212.198 ug/l
 RT: 4.75 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: VN057414.D
 Acq: 19 Aug 2019 21:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

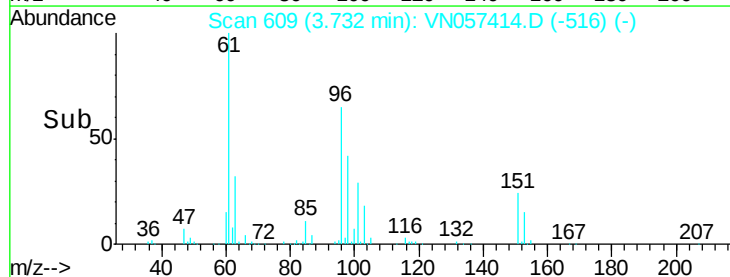
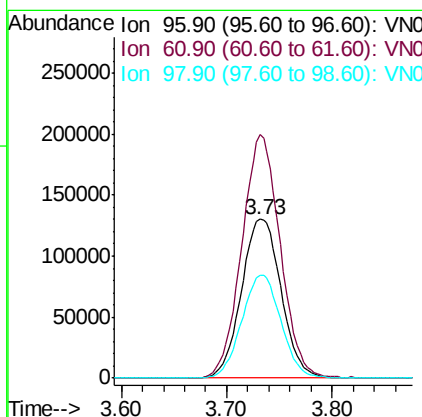
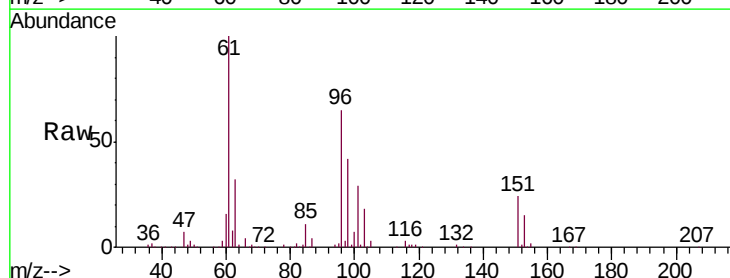
Tgt Ion: 59 Resp: 277259
 Ion Ratio Lower Upper
 59 100
 57 4.6 8.2 12.2#

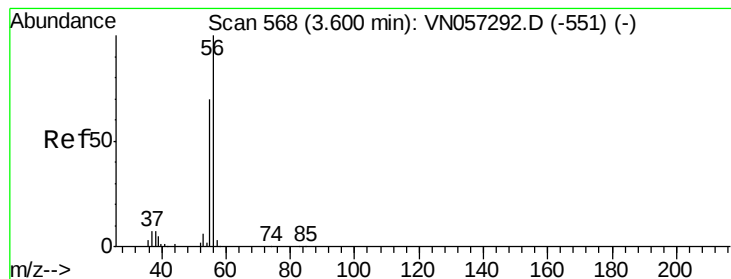


#12

1,1-Dichloroethene
 Concen: 46.029 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN057414.D
 Acq: 19 Aug 2019 21:36

Tgt Ion: 96 Resp: 341435
 Ion Ratio Lower Upper
 96 100
 61 153.3 119.7 179.5
 98 64.7 49.0 73.4





#13

Acrolein

Concen: 138.424 ug/l

RT: 3.60 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

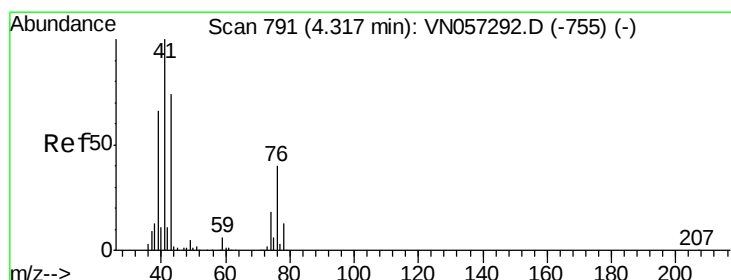
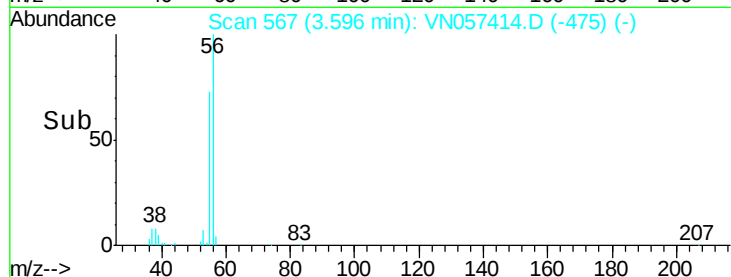
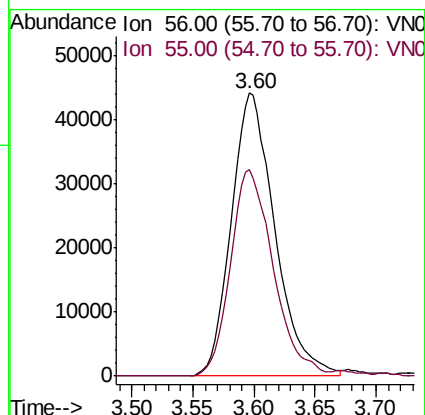
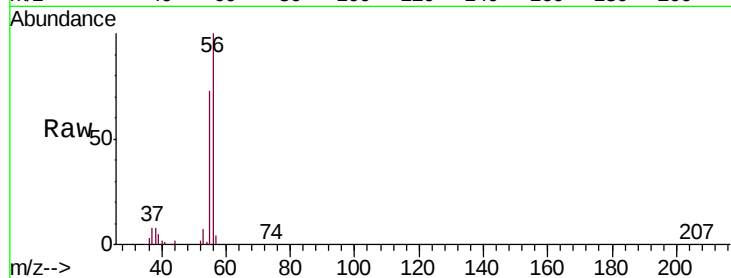
VSTDCCC050

Tgt Ion: 56 Resp: 109797

Ion Ratio Lower Upper

56 100

55 71.4 56.6 84.8



#14

Allyl chloride

Concen: 43.021 ug/l

RT: 4.31 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

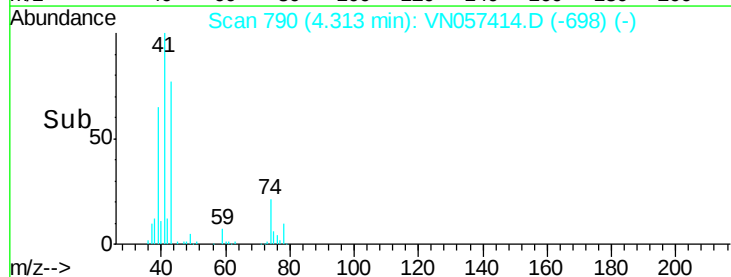
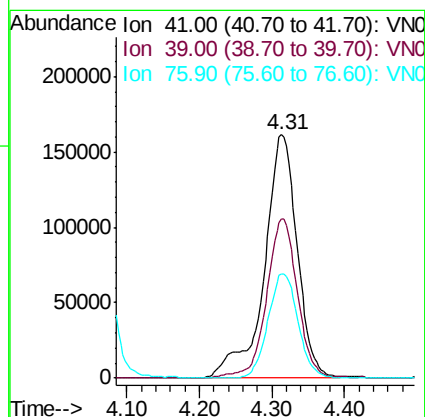
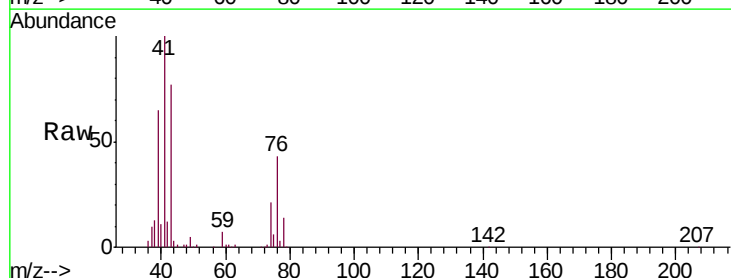
Tgt Ion: 41 Resp: 511532

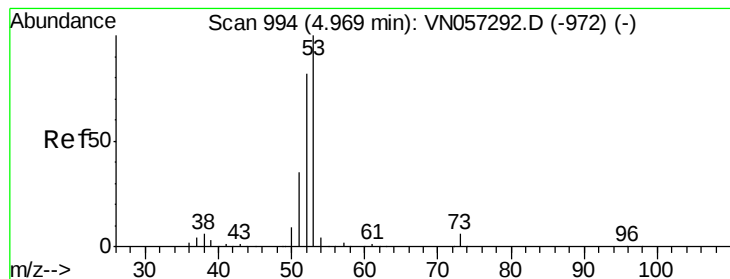
Ion Ratio Lower Upper

41 100

39 61.0 49.0 73.6

76 38.6 29.0 43.4





#15

Acrylonitrile

Concen: 221.948 ug/l

RT: 4.97 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

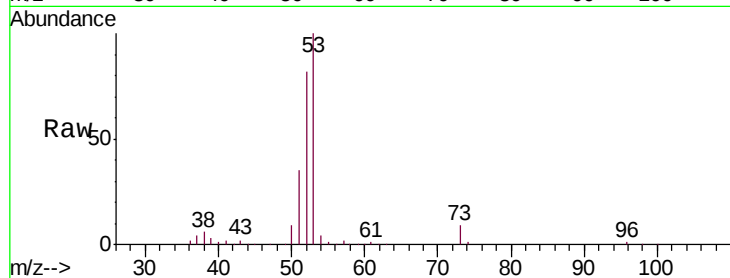
Tgt Ion: 53 Resp: 787317

Ion Ratio Lower Upper

53 100

52 82.2 66.2 99.2

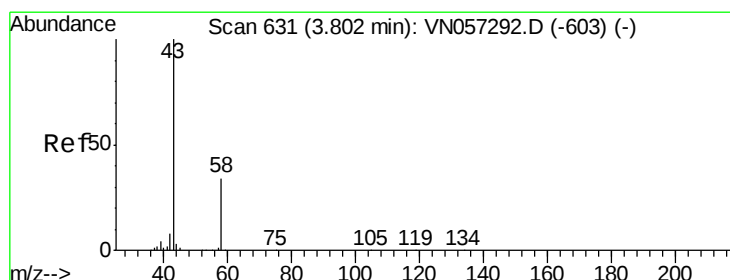
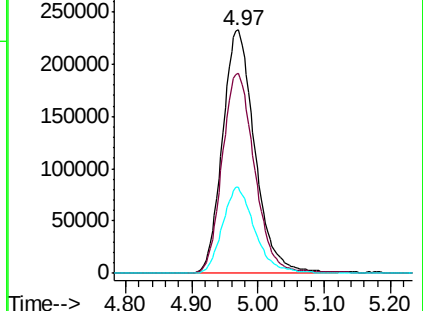
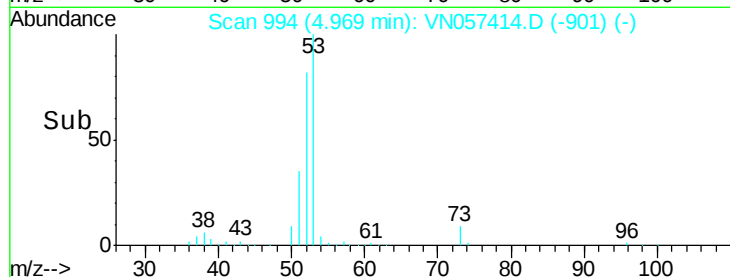
51 35.6 28.5 42.7



Abundance Ion 53.00 (52.70 to 53.70): VN057414.D (-901) (-)

Ion 52.00 (51.70 to 52.70): VN057414.D (-901) (-)

Ion 51.00 (50.70 to 51.70): VN057414.D (-901) (-)



#16

Acetone

Concen: 188.152 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.00 min

Lab File: VN057414.D

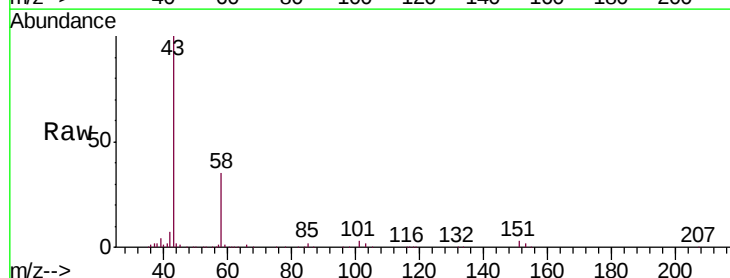
Acq: 19 Aug 2019 21:36

Tgt Ion: 43 Resp: 599878

Ion Ratio Lower Upper

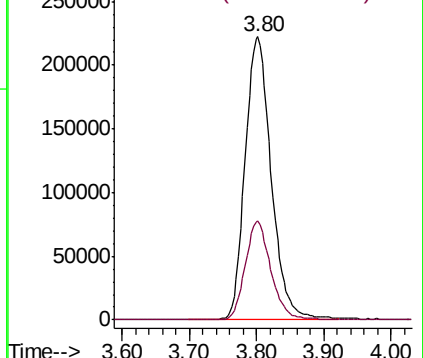
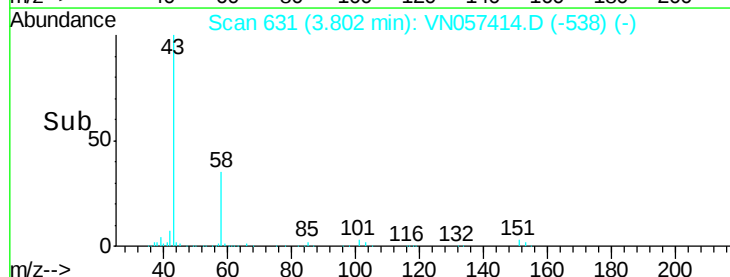
43 100

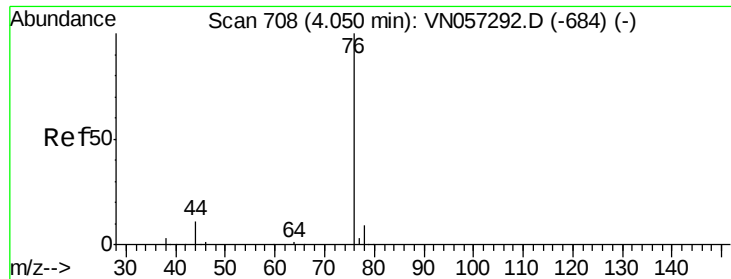
58 34.8 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VN057414.D (-538) (-)

Ion 58.00 (57.70 to 58.70): VN057414.D (-538) (-)





#17

Carbon Disulfide

Concen: 42.821 ug/l

RT: 4.05 min Scan# 707

Delta R.T. -0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

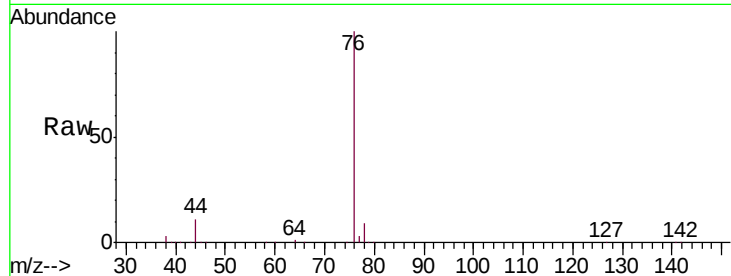
VSTDCCC050

Tgt Ion: 76 Resp: 855735

Ion Ratio Lower Upper

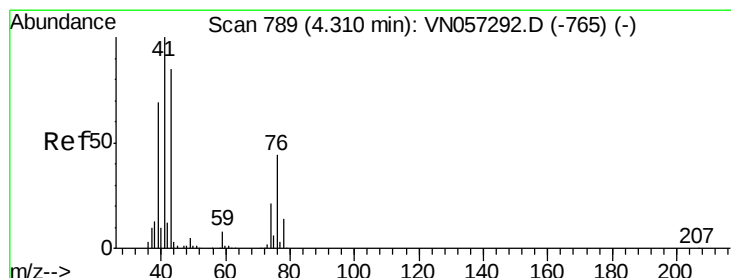
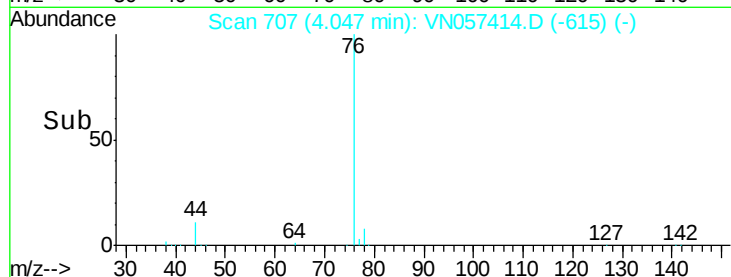
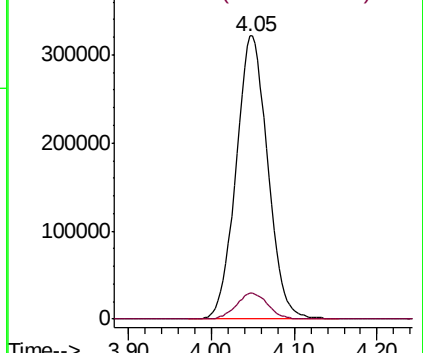
76 100

78 9.3 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 44.165 ug/l

RT: 4.31 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN057414.D

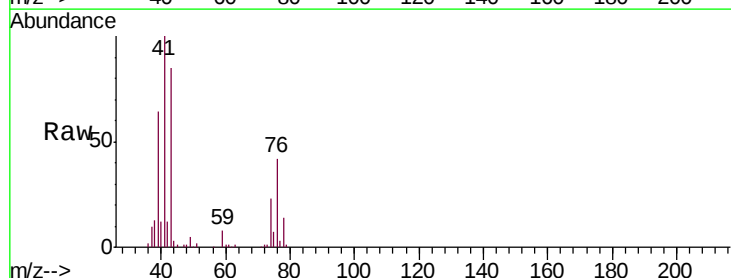
Acq: 19 Aug 2019 21:36

Tgt Ion: 43 Resp: 378653

Ion Ratio Lower Upper

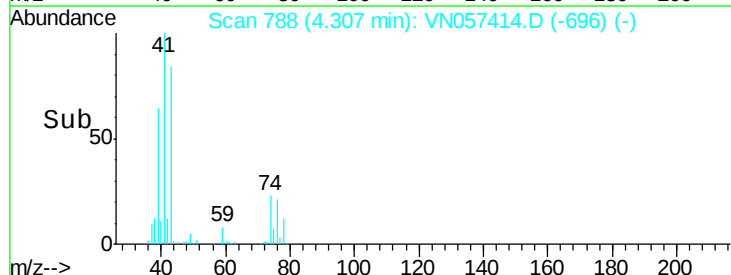
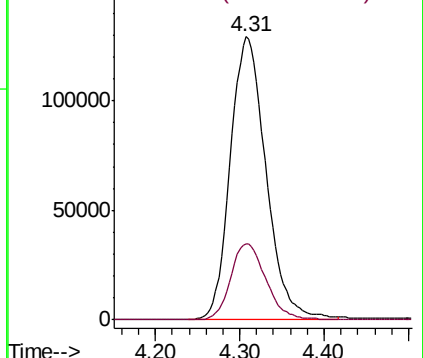
43 100

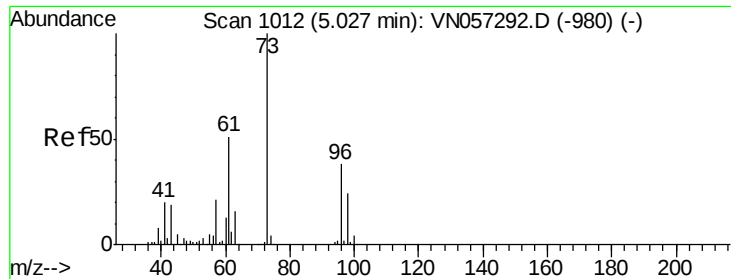
74 26.7 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

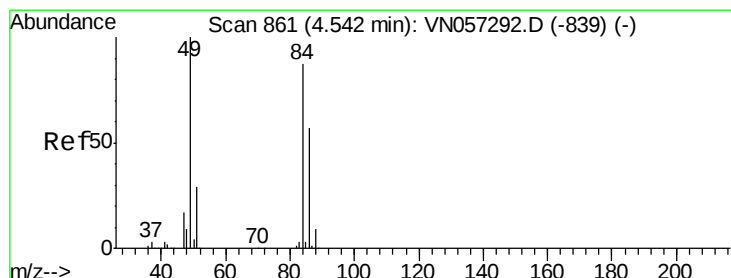
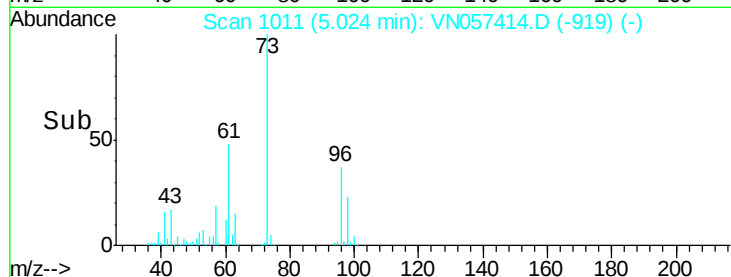
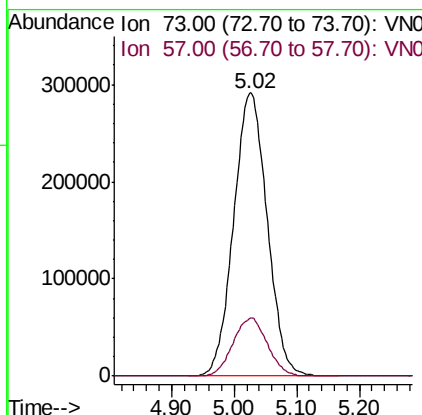
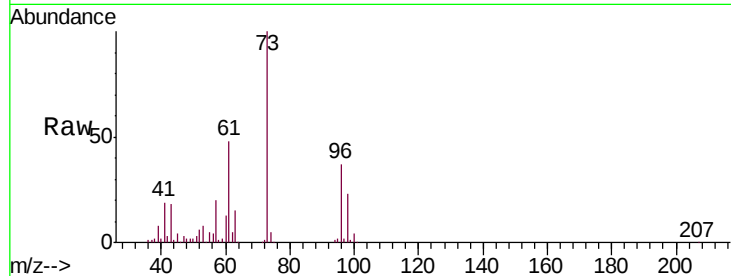




#19
Methyl tert-butyl Ether
Concen: 46.499 ug/l
RT: 5.02 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN057414.D
Acq: 19 Aug 2019 21:36

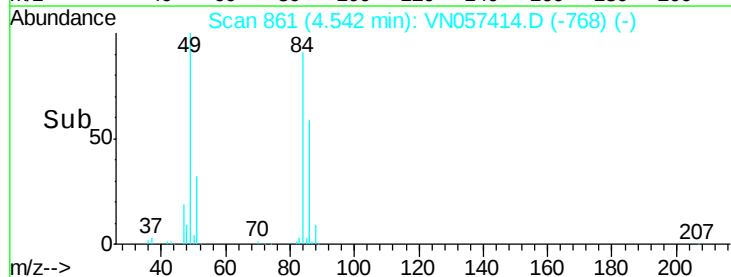
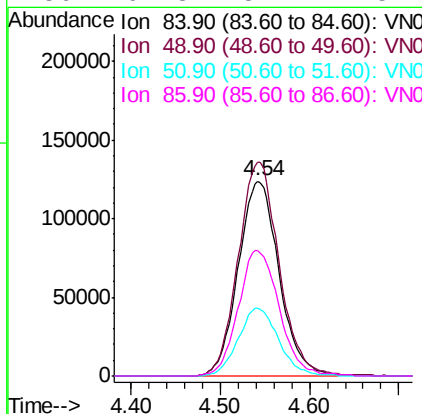
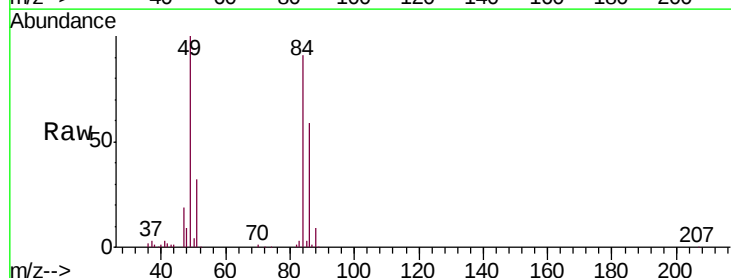
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

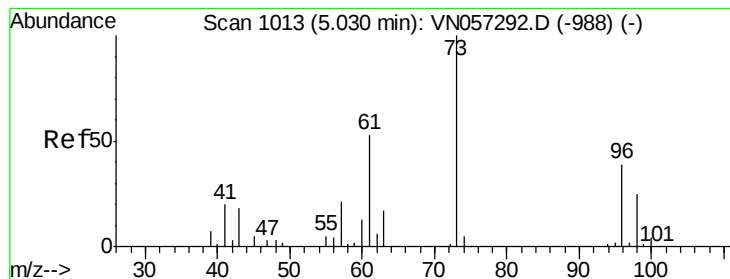
Tgt Ion: 73 Resp: 1082270
Ion Ratio Lower Upper
73 100
57 20.3 16.9 25.3



#20
Methylene Chloride
Concen: 44.037 ug/l
RT: 4.54 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN057414.D
Acq: 19 Aug 2019 21:36

Tgt Ion: 84 Resp: 392833
Ion Ratio Lower Upper
84 100
49 109.6 92.0 138.0
51 34.8 27.1 40.7
86 64.3 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 46.151 ug/l

RT: 5.03 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

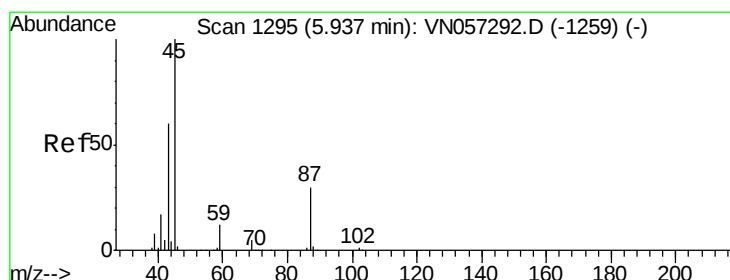
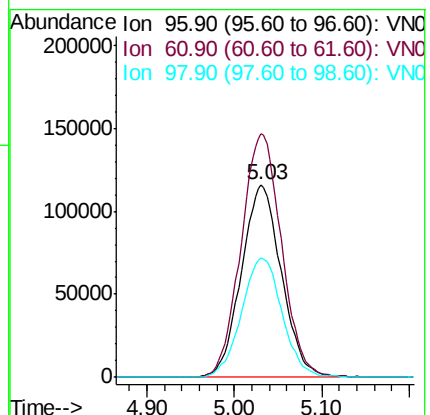
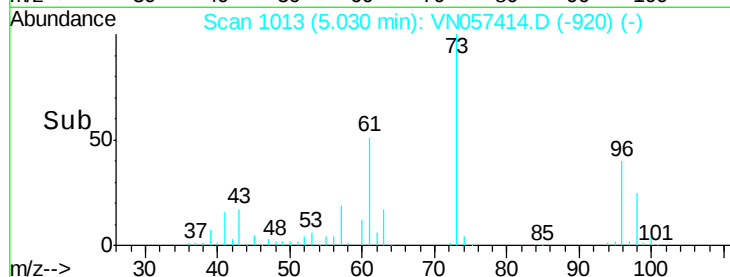
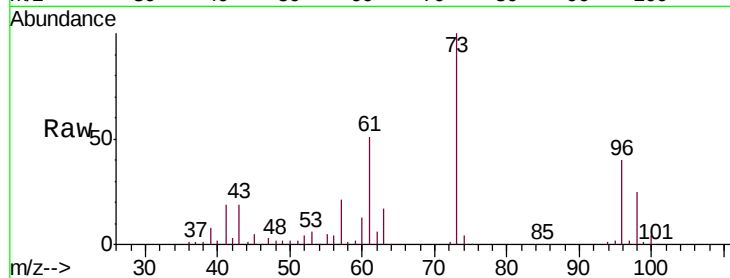
Tgt Ion: 96 Resp: 368148

Ion Ratio Lower Upper

96 100

61 126.4 109.5 164.3

98 62.1 51.0 76.6



#22

Diisopropyl ether

Concen: 44.331 ug/l

RT: 5.94 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

Tgt Ion: 45 Resp: 1041282

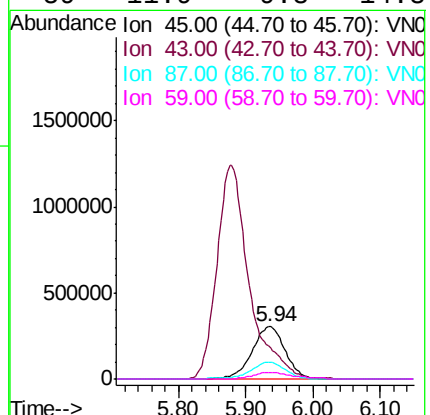
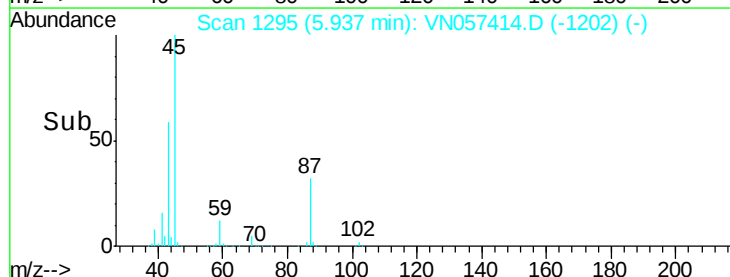
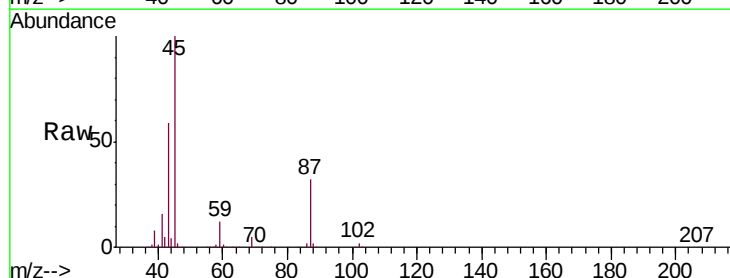
Ion Ratio Lower Upper

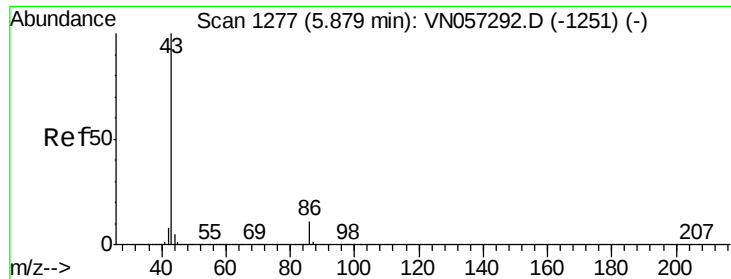
45 100

43 57.4 48.3 72.5

87 31.5 24.6 36.8

59 11.9 9.8 14.8





#23

Vinyl Acetate

Concen: 219.565 ug/l

RT: 5.88 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

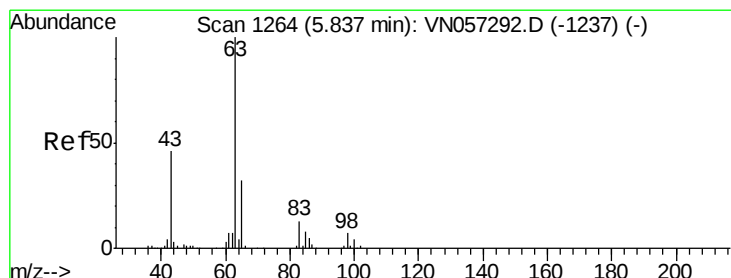
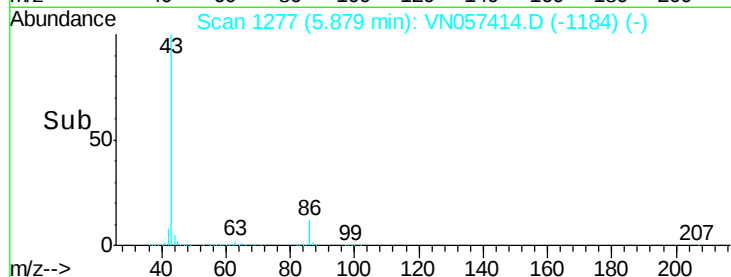
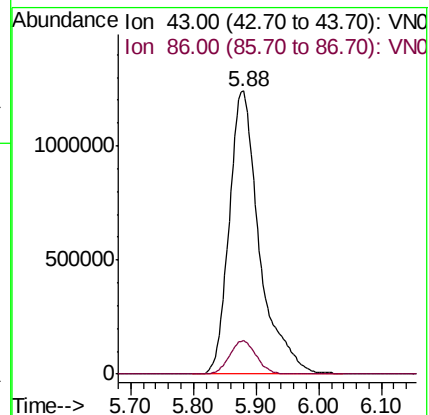
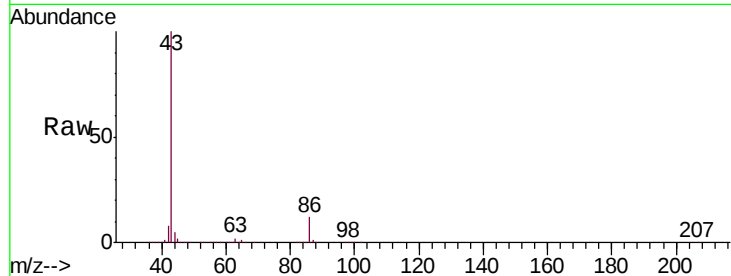
VSTDCCC050

Tgt Ion: 43 Resp: 4150639

Ion Ratio Lower Upper

43 100

86 11.7 8.7 13.1



#24

1,1-Dichloroethane

Concen: 45.052 ug/l

RT: 5.83 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

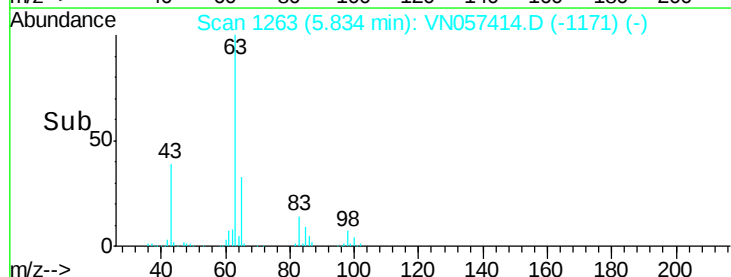
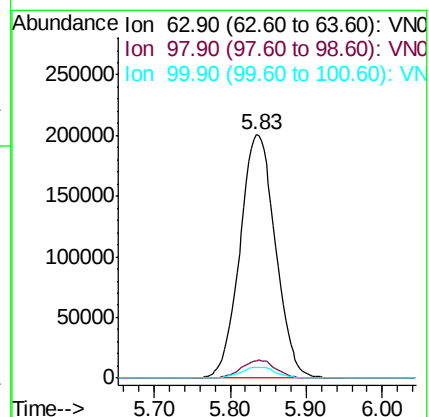
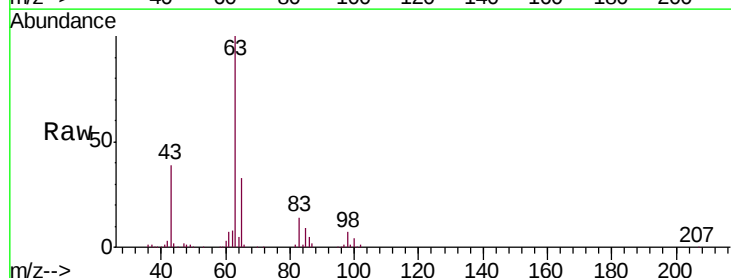
Tgt Ion: 63 Resp: 651049

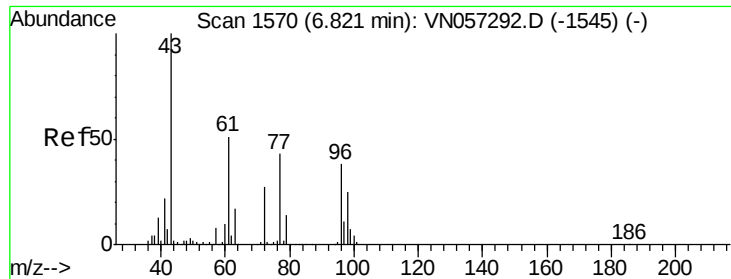
Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.9

100 4.4 2.1 6.5





#25

2-Butanone

Concen: 205.780 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

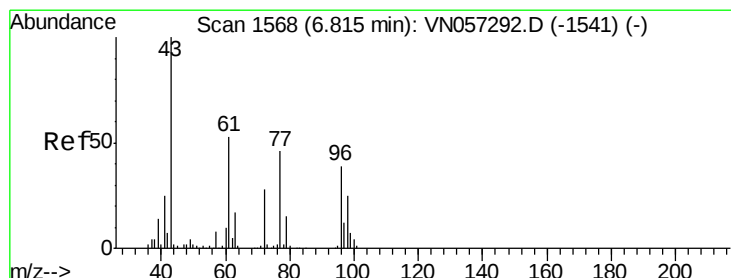
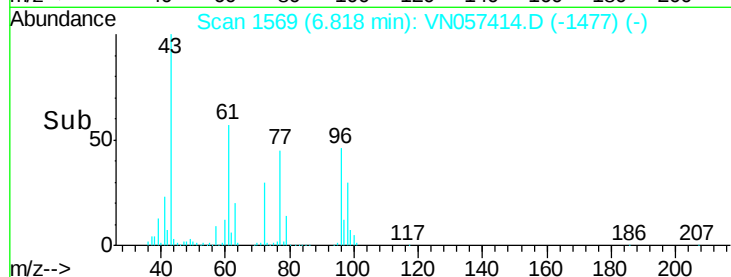
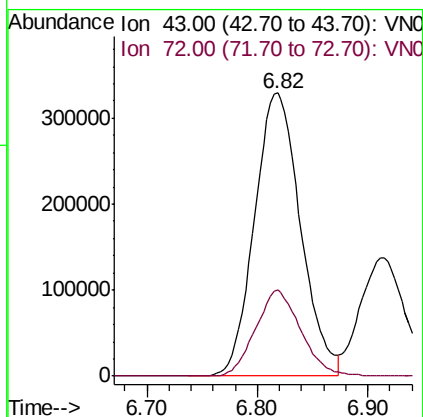
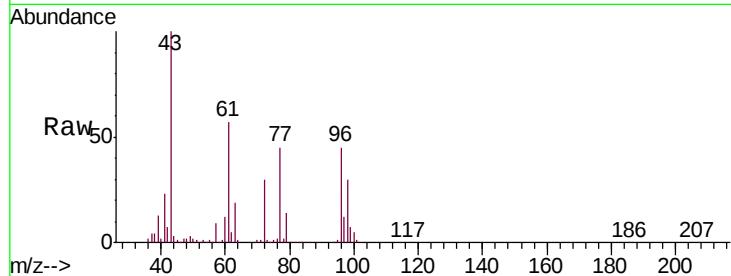
VSTDCCC050

Tgt Ion: 43 Resp: 950076

Ion Ratio Lower Upper

43 100

72 30.5 21.5 32.3



#26

2,2-Dichloropropane

Concen: 42.334 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN057414.D

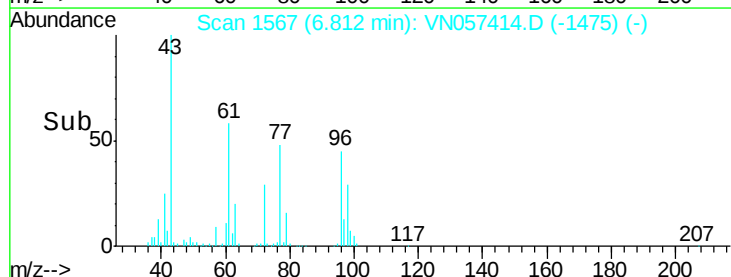
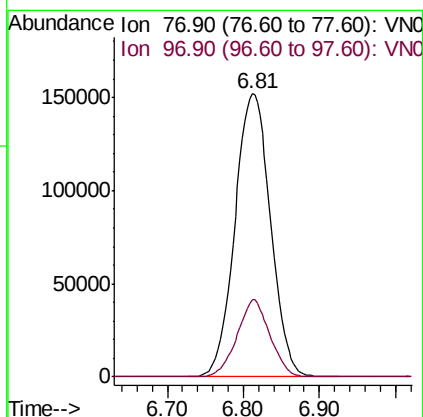
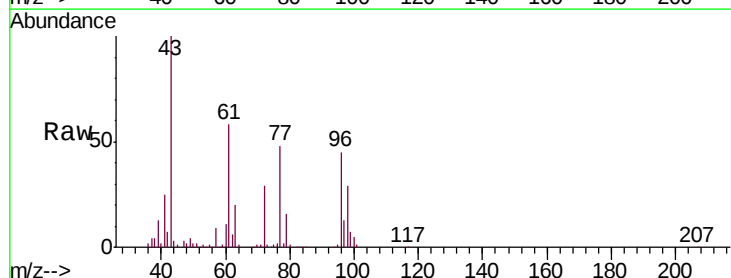
Acq: 19 Aug 2019 21:36

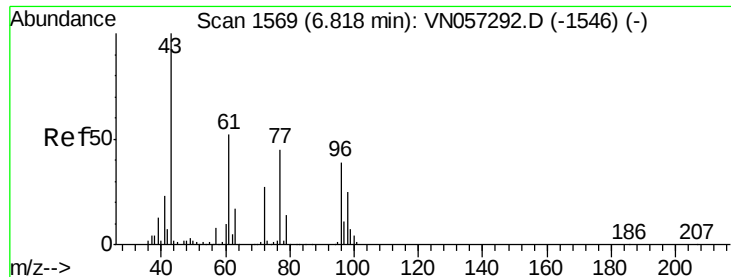
Tgt Ion: 77 Resp: 494417

Ion Ratio Lower Upper

77 100

97 25.1 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 46.369 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

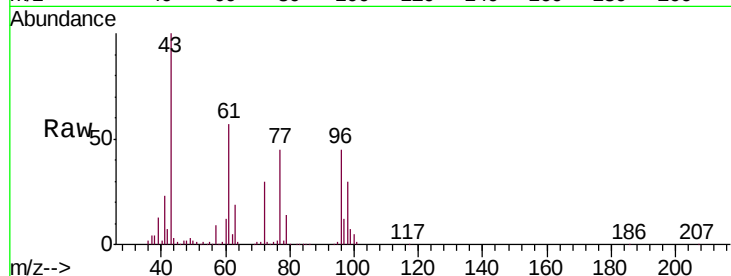
Tgt Ion: 96 Resp: 437895

Ion Ratio Lower Upper

96 100

61 130.4 0.0 272.0

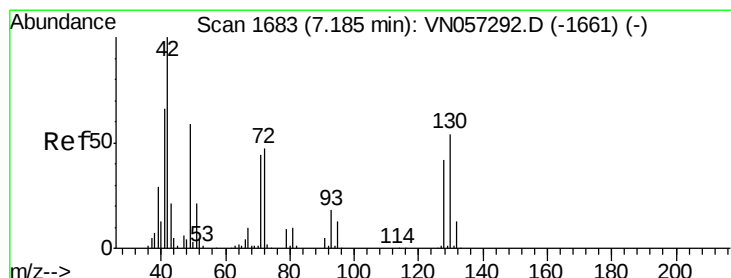
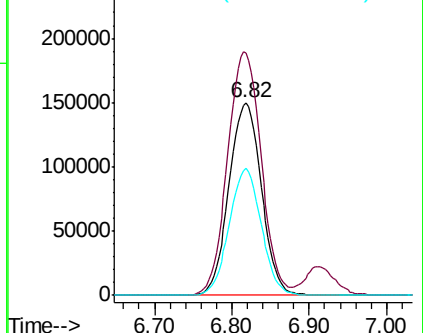
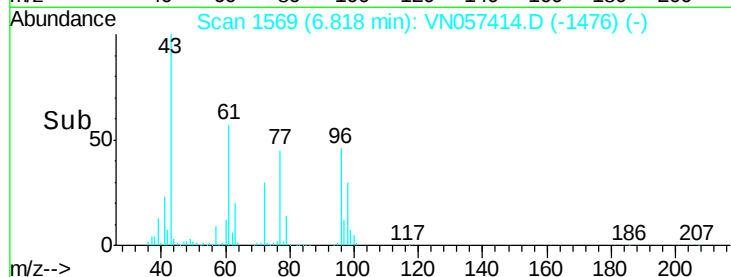
98 65.0 0.0 130.4



Abundance Ion 95.90 (95.60 to 96.60): VN057414.D (-1476) (-)

Ion 60.90 (60.60 to 61.60): VN057414.D (-1476) (-)

Ion 97.90 (97.60 to 98.60): VN057414.D (-1476) (-)



#28

Bromochloromethane

Concen: 45.314 ug/l

RT: 7.18 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

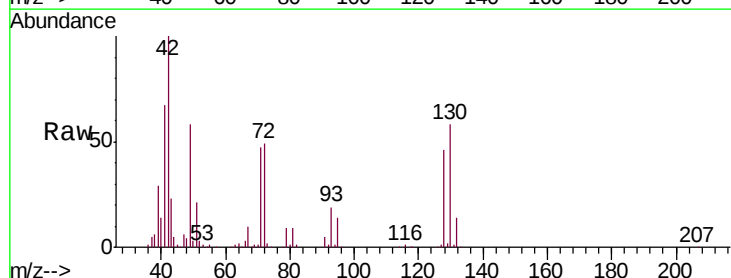
Tgt Ion: 49 Resp: 290952

Ion Ratio Lower Upper

49 100

129 2.7 0.0 2.0#

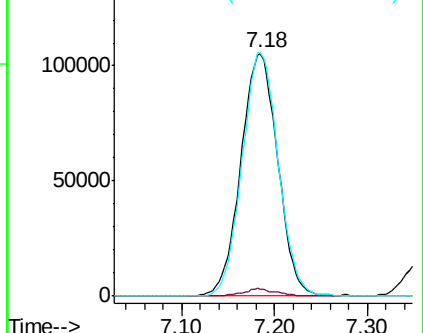
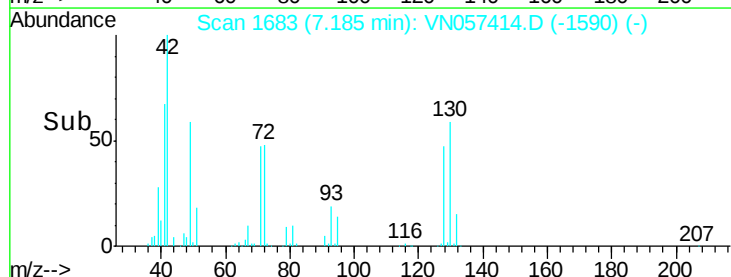
130 98.9 73.2 109.8

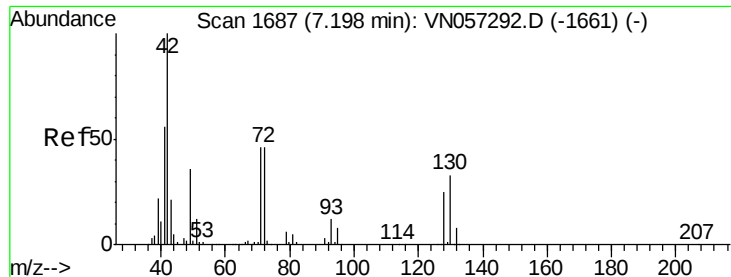


Abundance Ion 48.90 (48.60 to 49.60): VN057414.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN057414.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN057414.D (-1590) (-)

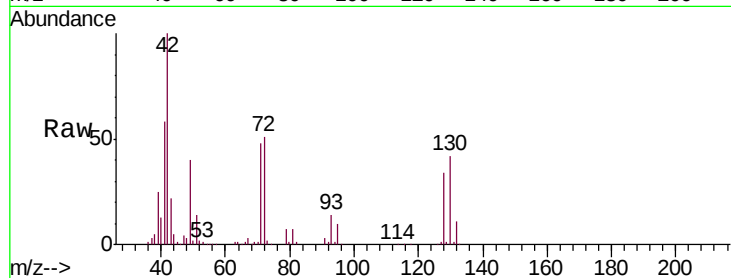




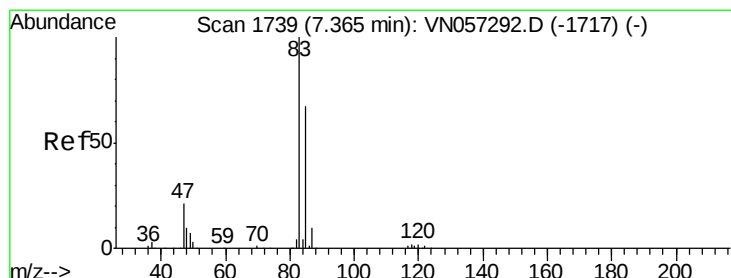
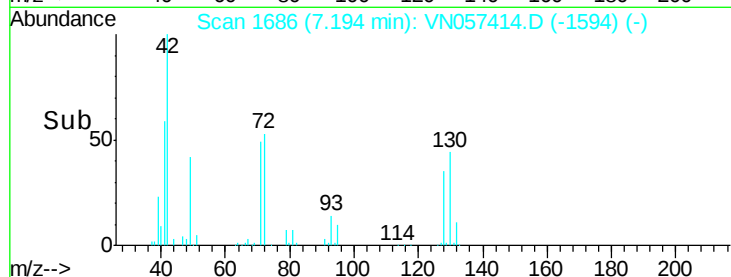
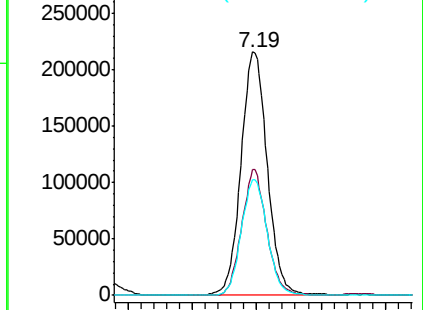
#29
Tetrahydrofuran
Concen: 209.465 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VN057414.D
Acq: 19 Aug 2019 21:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 612023
Ion Ratio Lower Upper
42 100
72 49.2 37.8 56.6
71 46.9 35.7 53.5

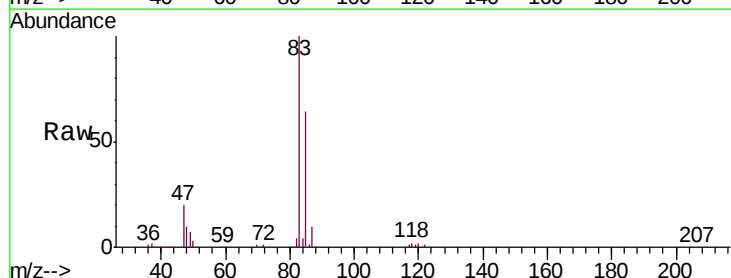


Abundance Ion 42.00 (41.70 to 42.70): VNC
Ion 72.00 (71.70 to 72.70): VNC
Ion 71.00 (70.70 to 71.70): VNC

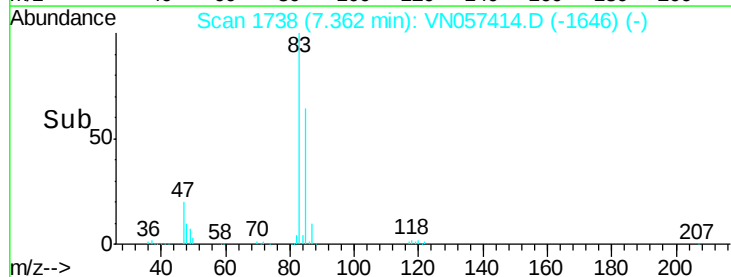
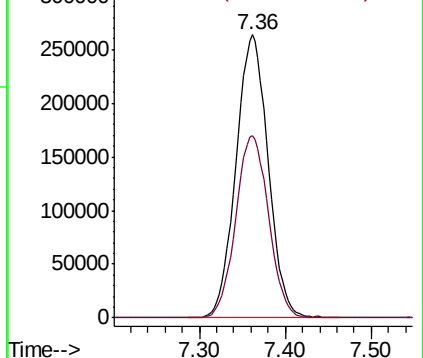


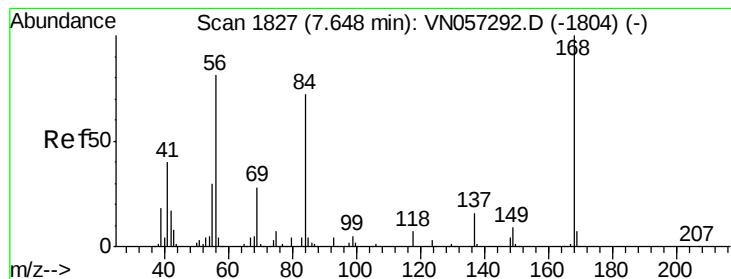
#30
Chloroform
Concen: 45.229 ug/l
RT: 7.36 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN057414.D
Acq: 19 Aug 2019 21:36

Tgt Ion: 83 Resp: 684946
Ion Ratio Lower Upper
83 100
85 64.3 53.3 79.9



Abundance Ion 82.90 (82.60 to 83.60): VNC
Ion 84.90 (84.60 to 85.60): VNC





#31

Cyclohexane

Concen: 41.779 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

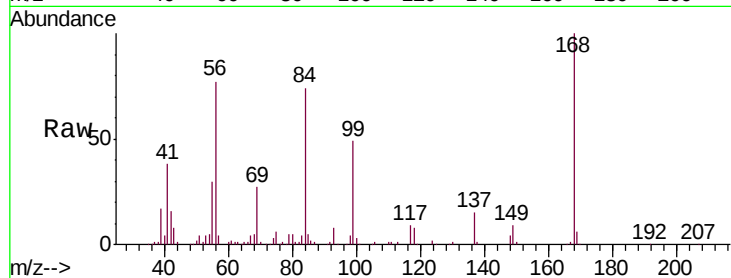
Tgt Ion: 56 Resp: 523205

Ion Ratio Lower Upper

56 100

69 35.0 27.3 40.9

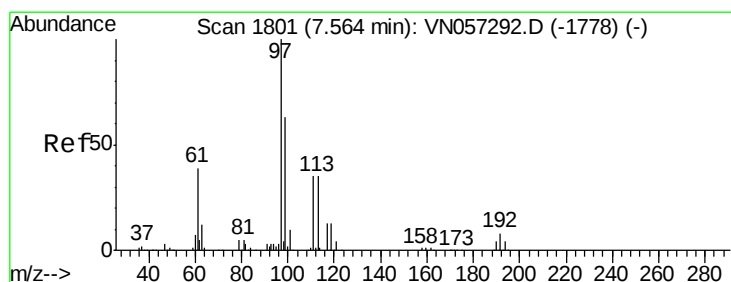
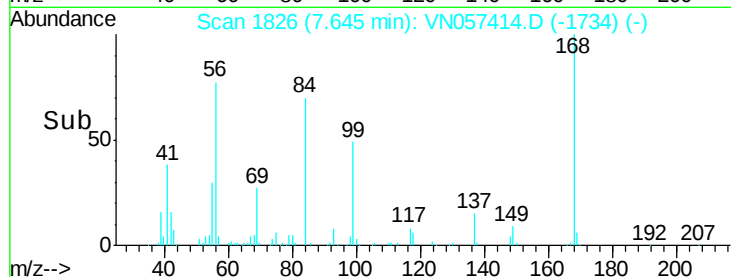
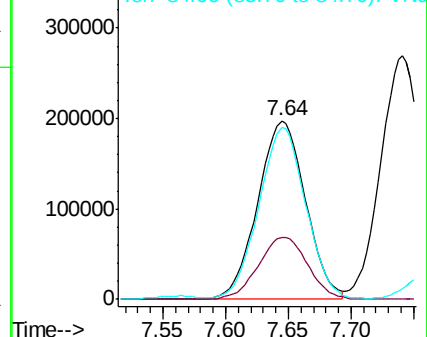
84 94.6 71.0 106.6



Abundance Ion 56.00 (55.70 to 56.70): VN057414.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN057414.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN057414.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 48.915 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

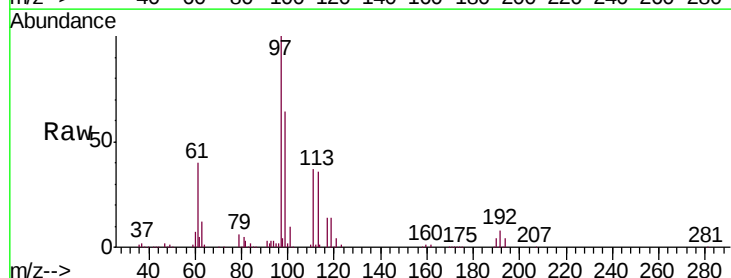
Tgt Ion: 97 Resp: 623048

Ion Ratio Lower Upper

97 100

99 64.1 50.3 75.5

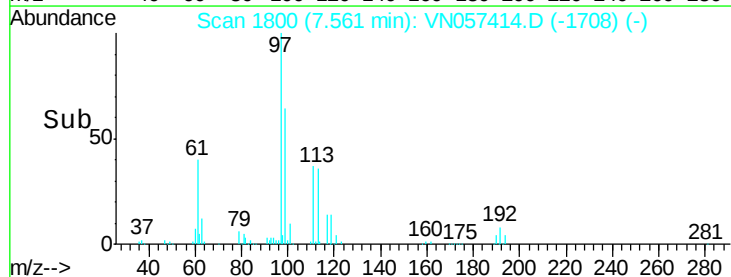
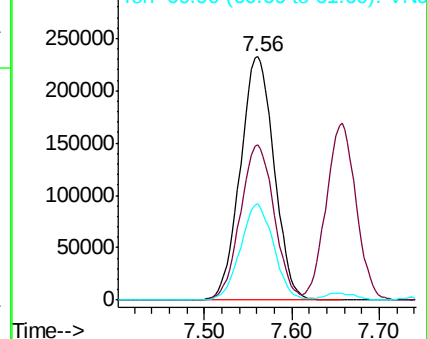
61 38.8 31.3 46.9

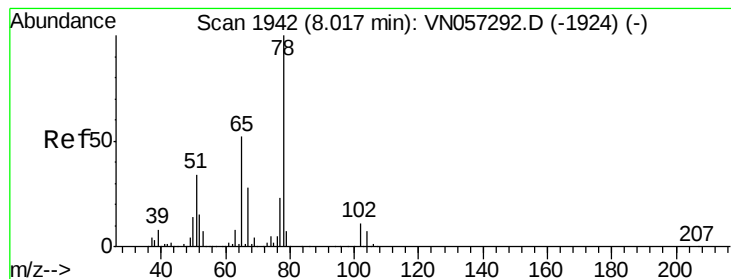


Abundance Ion 96.90 (96.60 to 97.60): VN057414.D (-1708) (-)

Ion 98.90 (98.60 to 99.60): VN057414.D (-1708) (-)

Ion 60.90 (60.60 to 61.60): VN057414.D (-1708) (-)





#33

1,2-Dichloroethane-d4

Concen: 48.892 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

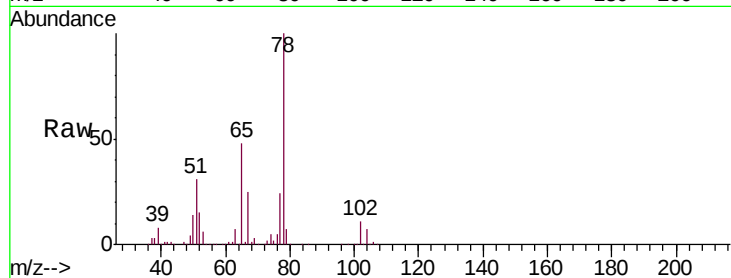
VSTDCCC050

Tgt Ion: 65 Resp: 449357

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN057414.D (-1849) (-)

Ion 66.90 (66.60 to 67.60): VN057414.D (-1849) (-)

8.02

200000

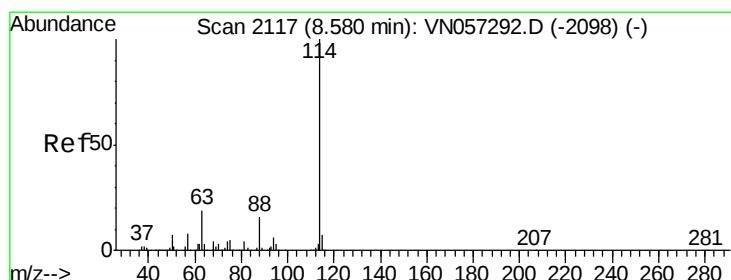
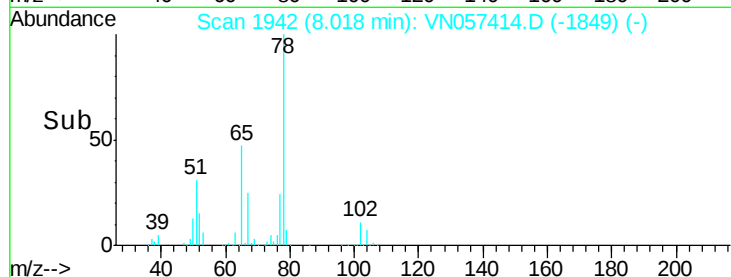
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. -0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

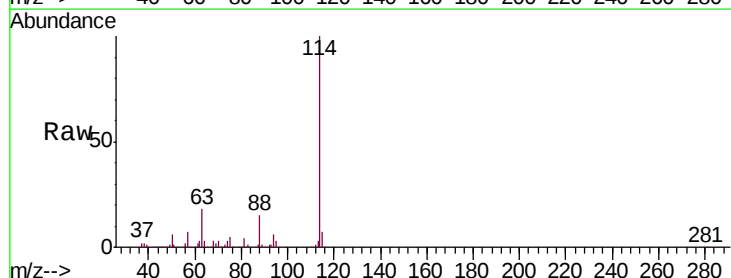
Tgt Ion: 114 Resp: 1223999

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.8

88 15.3 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN057414.D (-2024) (-)

Ion 63.00 (62.70 to 63.70): VN057414.D (-2024) (-)

Ion 87.90 (87.60 to 88.60): VN057414.D (-2024) (-)

8.58

800000

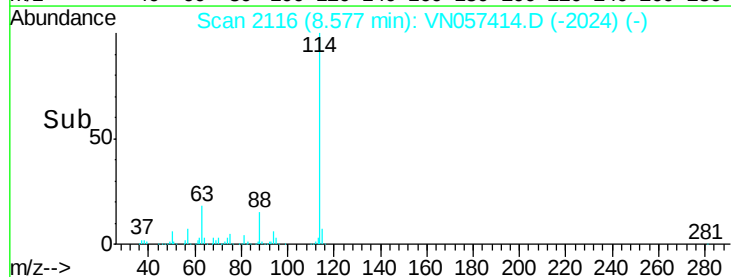
600000

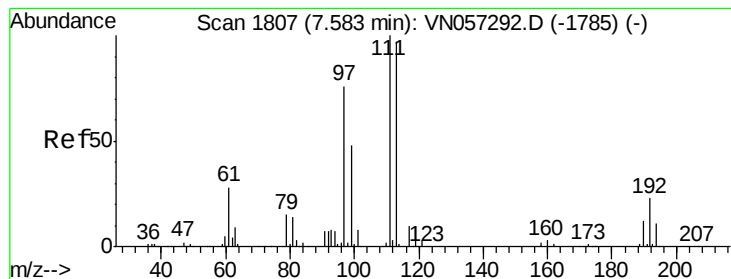
400000

200000

0

Time-->





#35

Dibromofluoromethane

Concen: 51.808 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

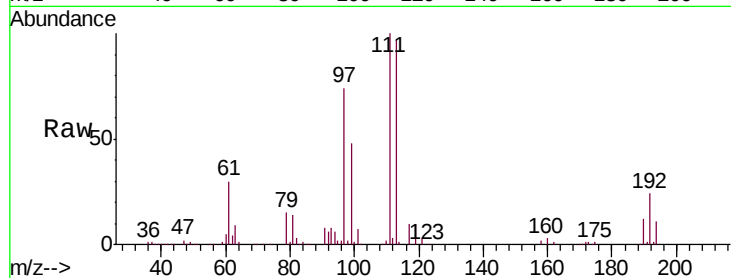
Tgt Ion:113 Resp: 415687

Ion Ratio Lower Upper

113 100

111 101.9 82.1 123.1

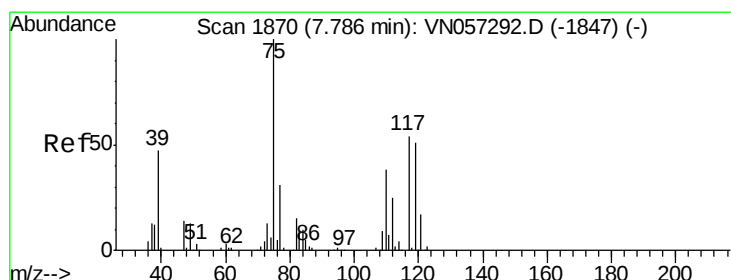
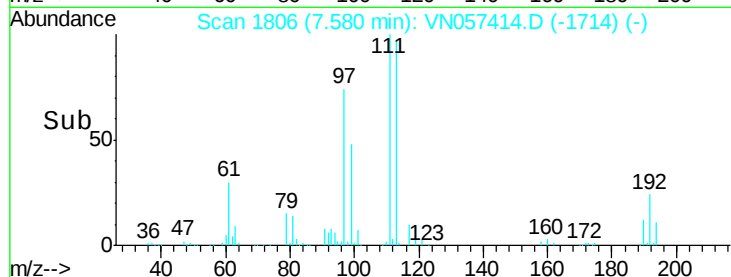
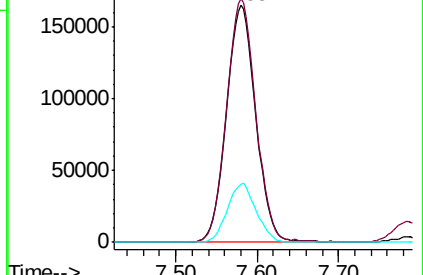
192 24.4 19.3 28.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 45.631 ug/l

RT: 7.78 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

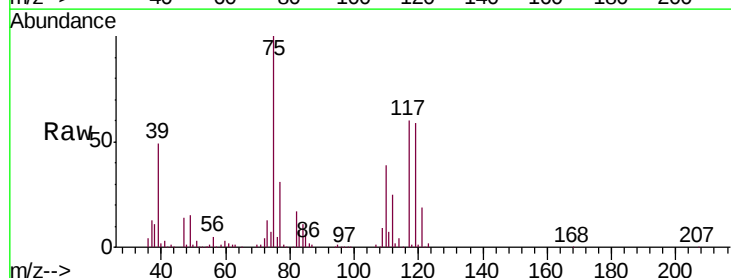
Tgt Ion: 75 Resp: 493143

Ion Ratio Lower Upper

75 100

110 39.0 19.5 58.5

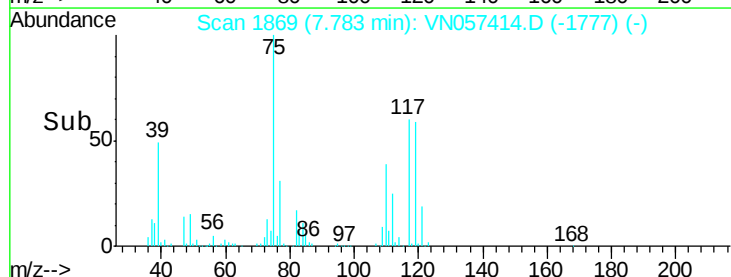
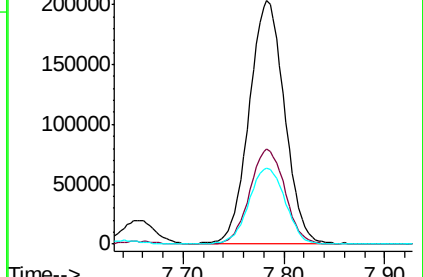
77 32.3 25.0 37.6

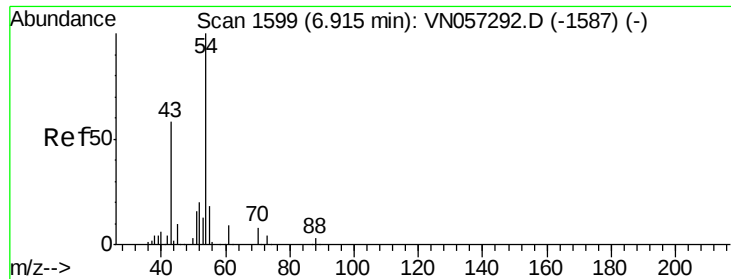


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

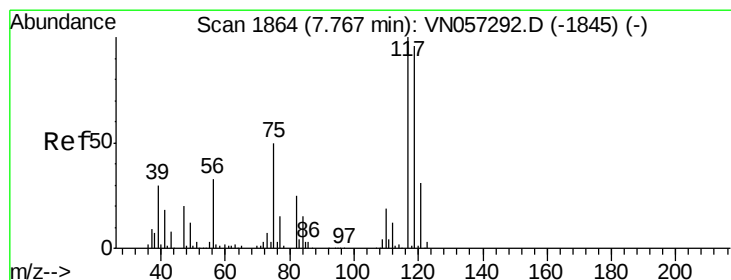
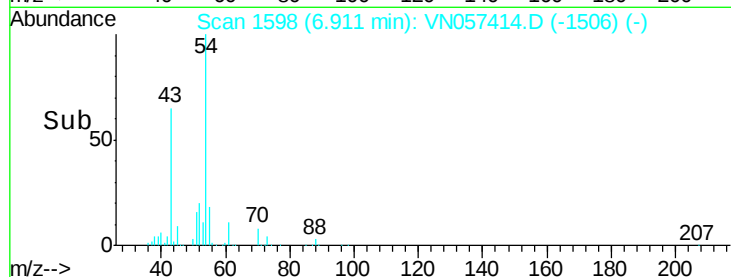
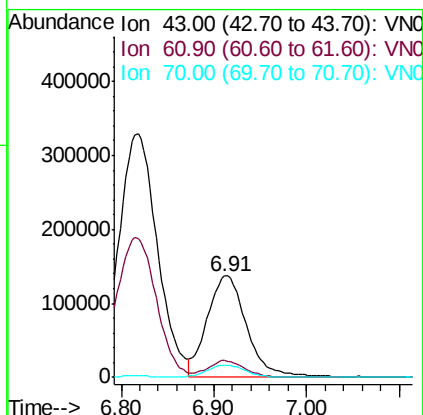
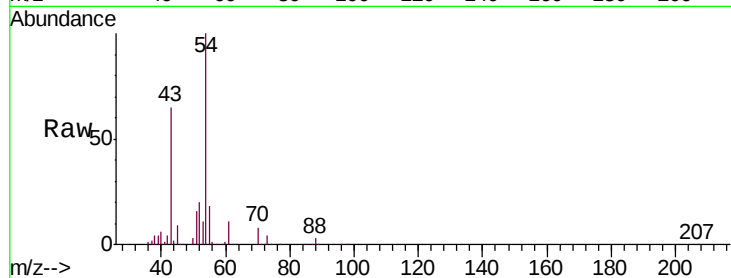




#37
 Ethyl Acetate
 Concen: 44.710 ug/l
 RT: 6.91 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: VN057414.D
 Acq: 19 Aug 2019 21:36

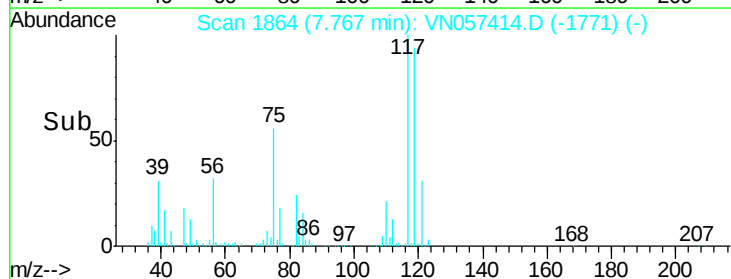
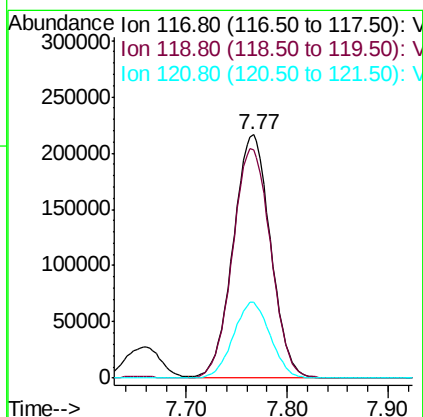
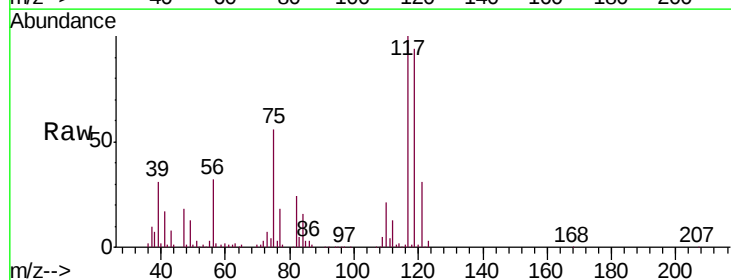
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

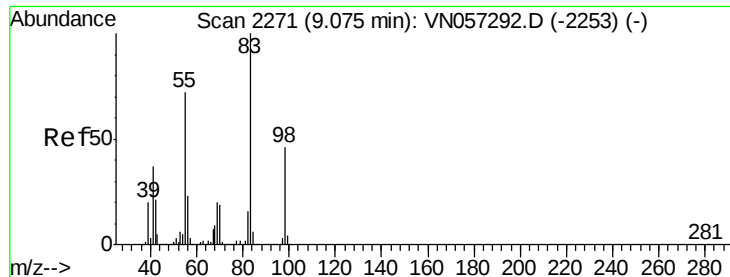
Tgt Ion: 43 Resp: 395754
 Ion Ratio Lower Upper
 43 100
 61 15.2 12.0 18.0
 70 12.0 9.2 13.8



#38
 Carbon Tetrachloride
 Concen: 49.422 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VN057414.D
 Acq: 19 Aug 2019 21:36

Tgt Ion: 117 Resp: 554943
 Ion Ratio Lower Upper
 117 100
 119 93.8 76.8 115.2
 121 31.0 25.0 37.4

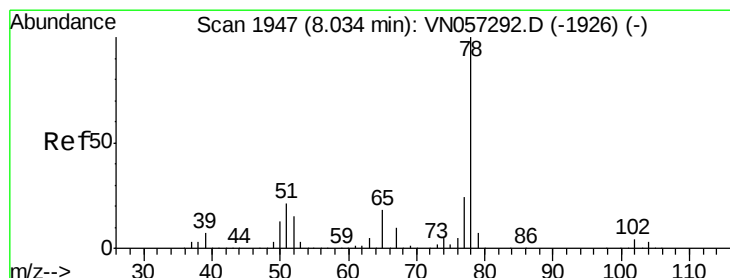
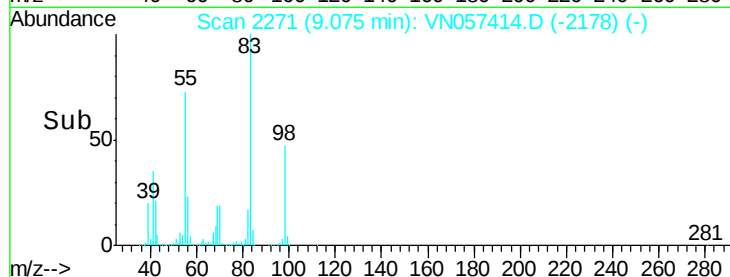
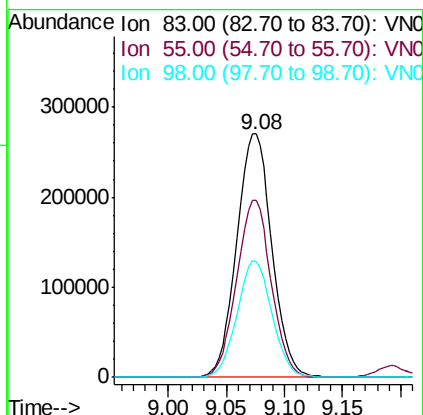
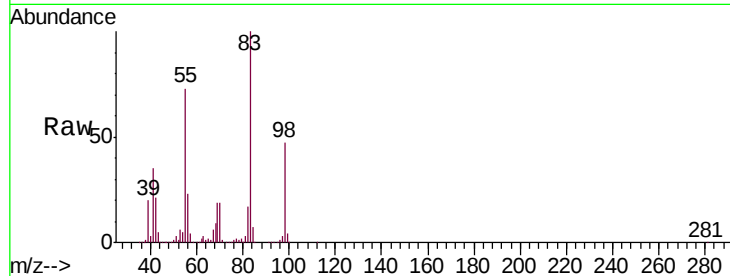




#39
Methylcyclohexane
Concen: 45.249 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VN057414.D
Acq: 19 Aug 2019 21:36

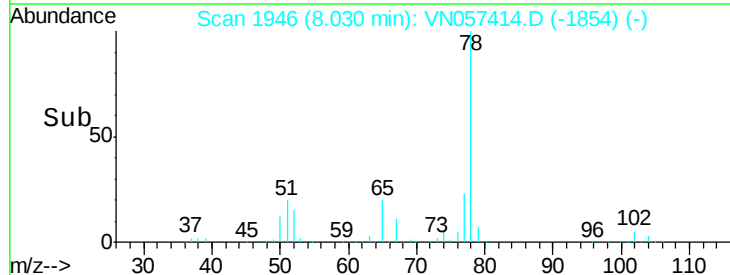
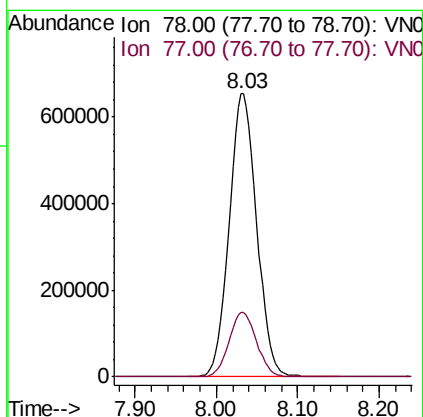
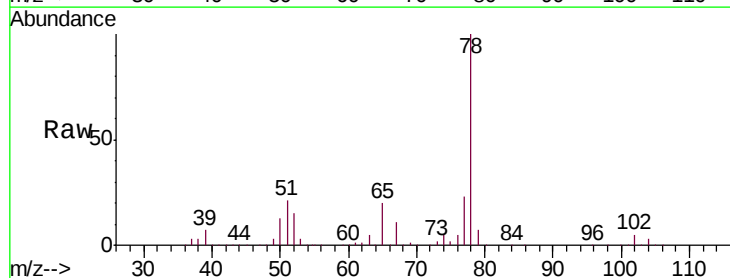
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

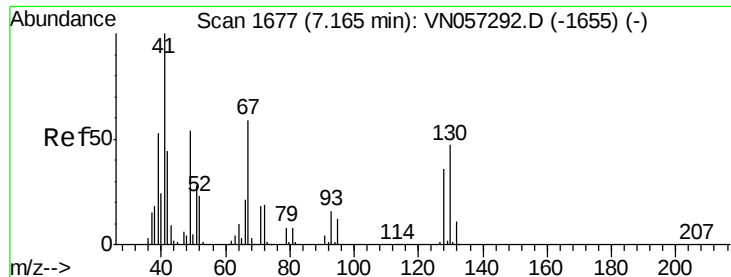
Tgt Ion: 83 Resp: 571003
Ion Ratio Lower Upper
83 100
55 72.8 57.5 86.3
98 47.2 36.6 55.0



#40
Benzene
Concen: 46.606 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. -0.00 min
Lab File: VN057414.D
Acq: 19 Aug 2019 21:36

Tgt Ion: 78 Resp: 1540553
Ion Ratio Lower Upper
78 100
77 23.0 19.1 28.7

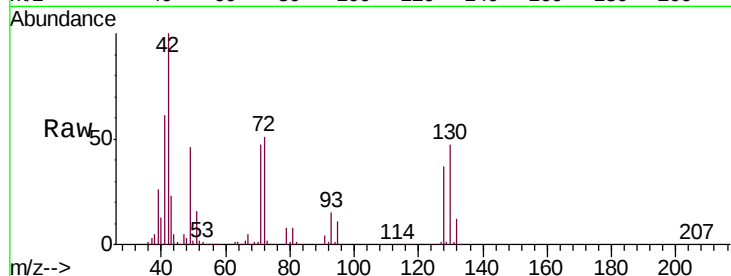




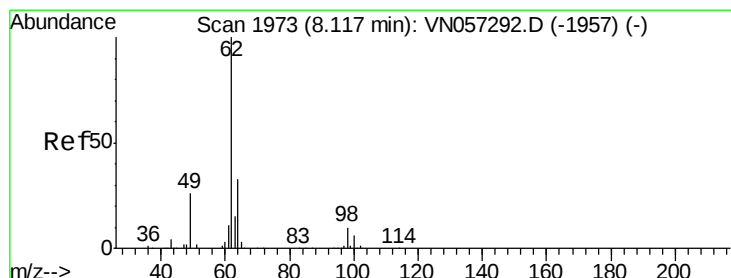
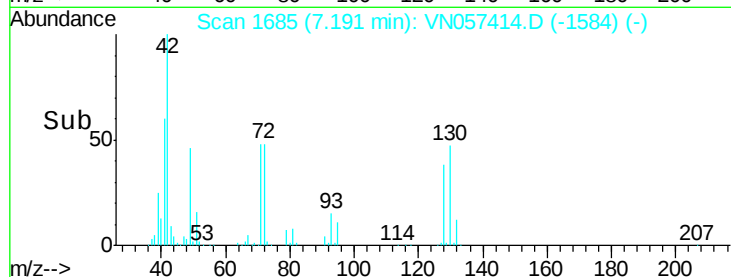
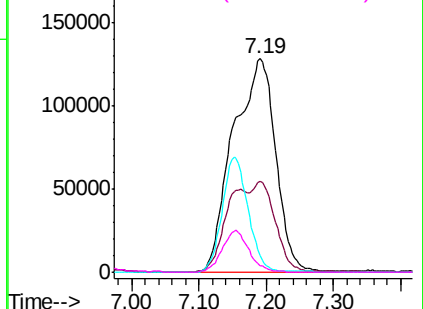
#41
Methacrylonitrile
Concen: 141.177 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.03 min
Lab File: VN057414.D
Acq: 19 Aug 2019 21:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	562751
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

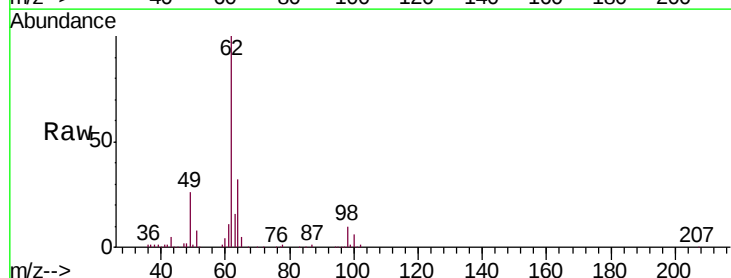


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

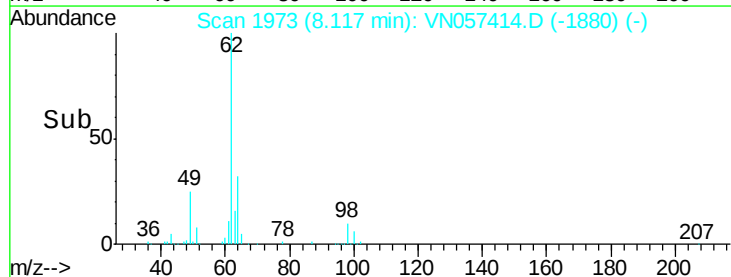
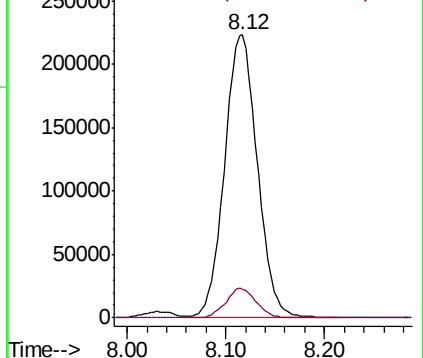


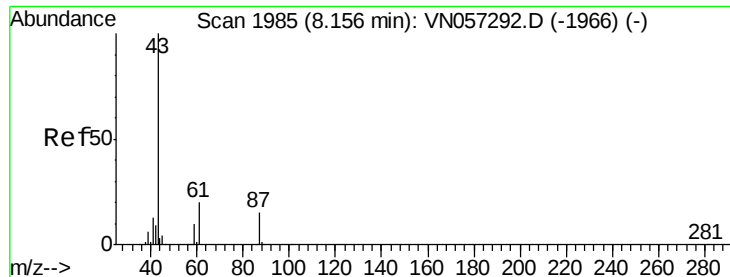
#42
1,2-Dichloroethane
Concen: 46.992 ug/l
RT: 8.12 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN057414.D
Acq: 19 Aug 2019 21:36

Tgt Ion:	62	Resp:	514106
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.4



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 47.111 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. -0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

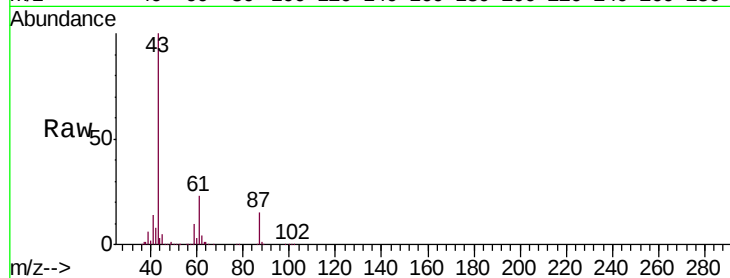
Tgt Ion: 43 Resp: 763666

Ion Ratio Lower Upper

43 100

61 26.7 21.6 32.4

87 14.0 11.4 17.0

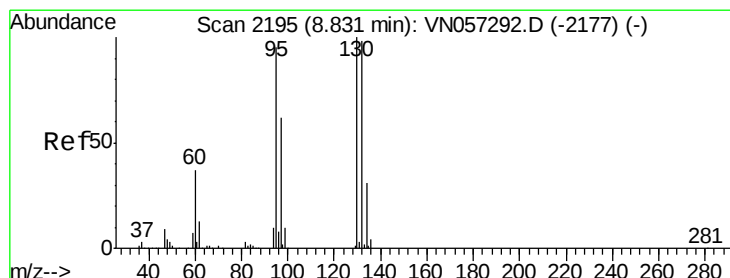
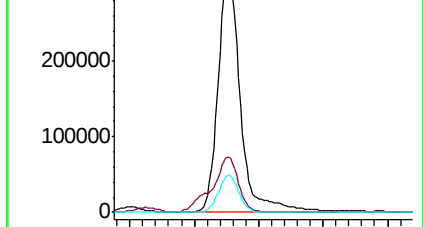
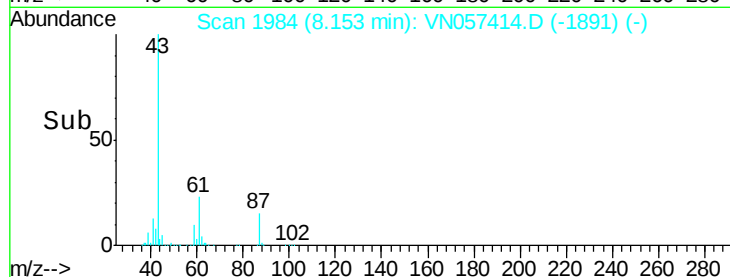


Abundance Ion 43.00 (42.70 to 43.70): VN057292.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN057292.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN057292.D (-1966) (-)

Time-->



#44

Trichloroethene

Concen: 48.647 ug/l

RT: 8.83 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VN057414.D

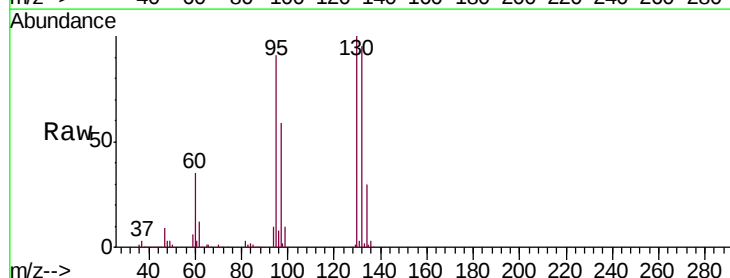
Acq: 19 Aug 2019 21:36

Tgt Ion: 130 Resp: 452084

Ion Ratio Lower Upper

130 100

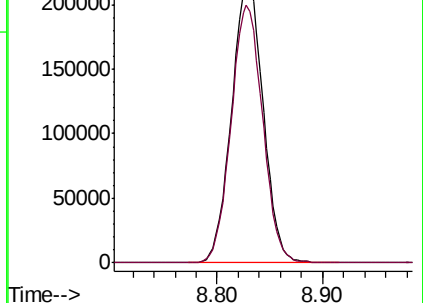
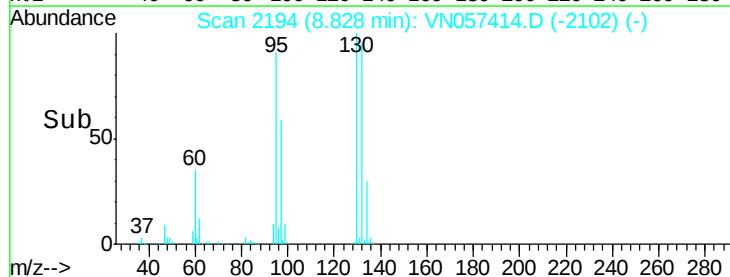
95 91.2 0.0 189.2

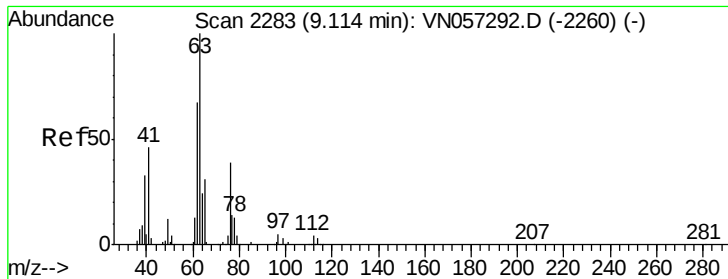


Abundance Ion 129.80 (129.50 to 130.50): VN057292.D (-2177) (-)

Ion 94.90 (94.60 to 95.60): VN057292.D (-2177) (-)

Time-->

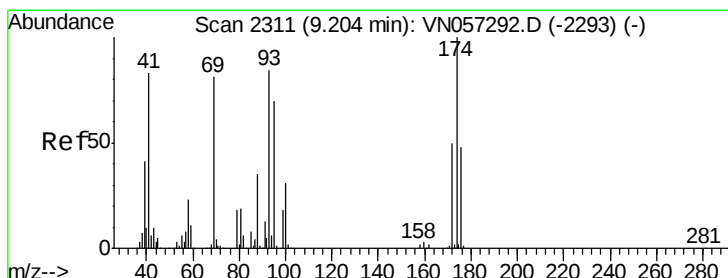
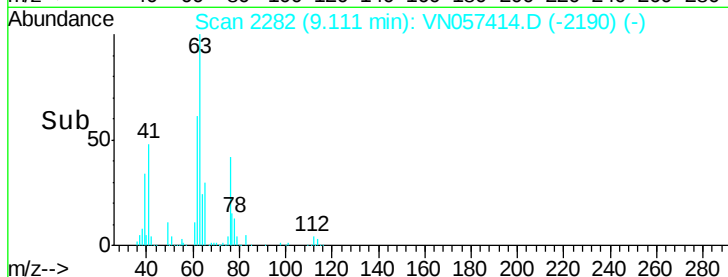
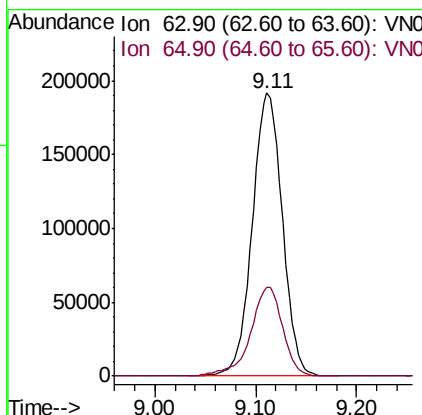
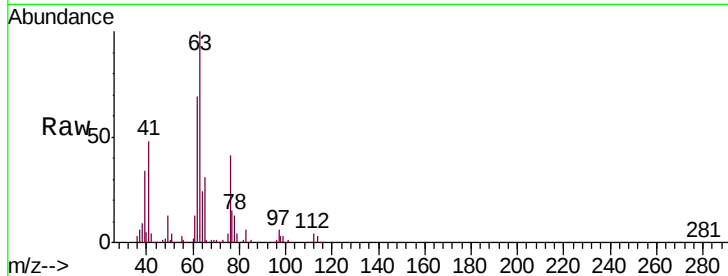




#45
 1,2-Dichloropropane
 Concen: 46.386 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. -0.00 min
 Lab File: VN057414.D
 Acq: 19 Aug 2019 21:36

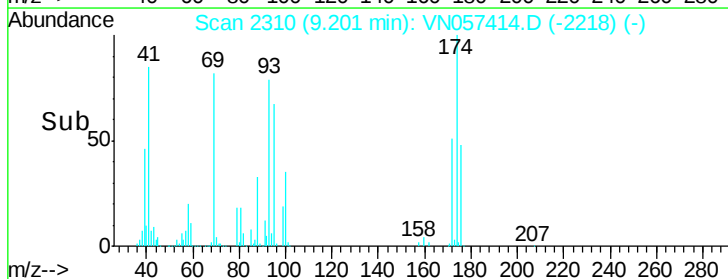
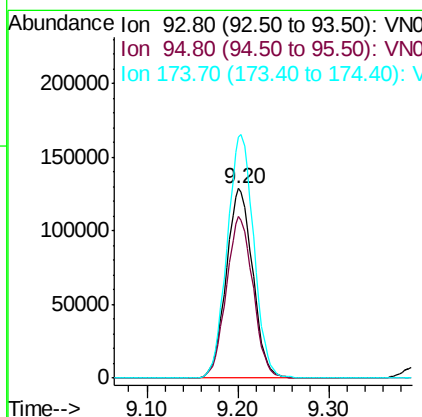
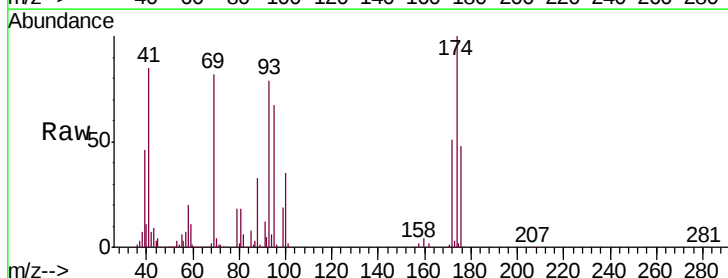
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

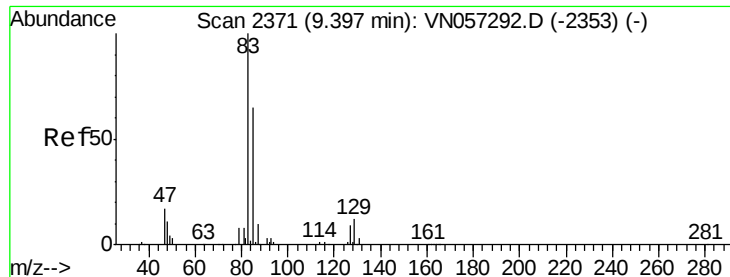
Tgt Ion: 63 Resp: 395224
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.8 37.2



#46
 Dibromomethane
 Concen: 46.058 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN057414.D
 Acq: 19 Aug 2019 21:36

Tgt Ion: 93 Resp: 261799
 Ion Ratio Lower Upper
 93 100
 95 85.5 66.5 99.7
 174 128.4 95.7 143.5





#47

Bromodichloromethane

Concen: 49.071 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

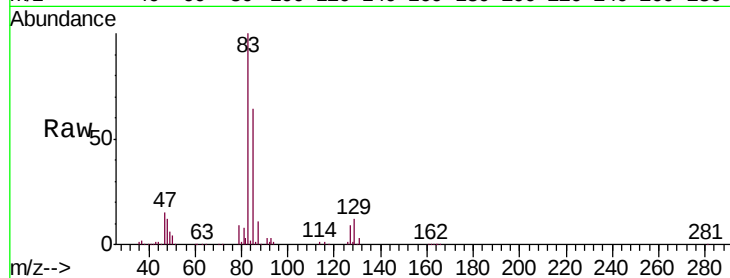
Tgt Ion: 83 Resp: 552639

Ion Ratio Lower Upper

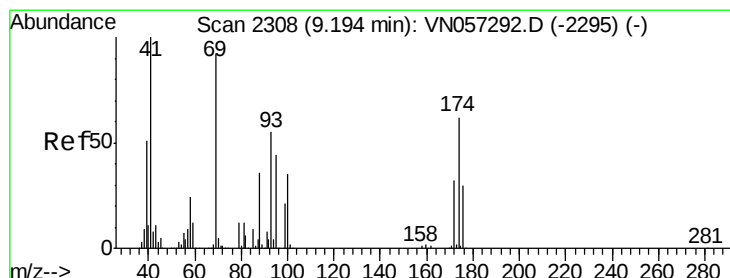
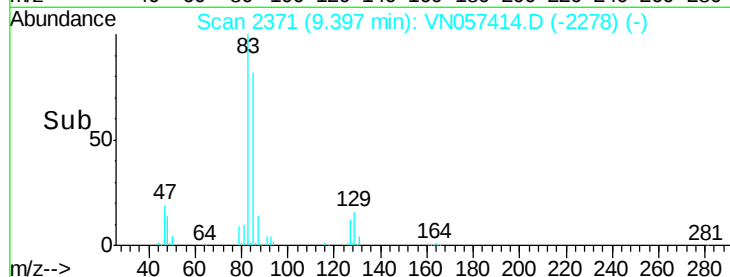
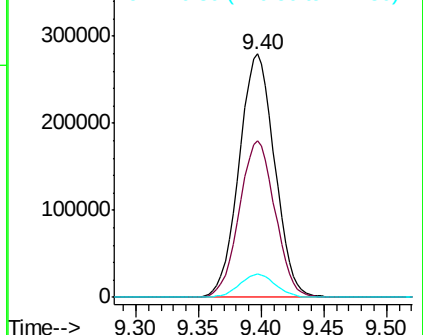
83 100

85 64.2 51.9 77.9

127 9.4 7.2 10.8



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



#48

Methyl methacrylate

Concen: 43.851 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

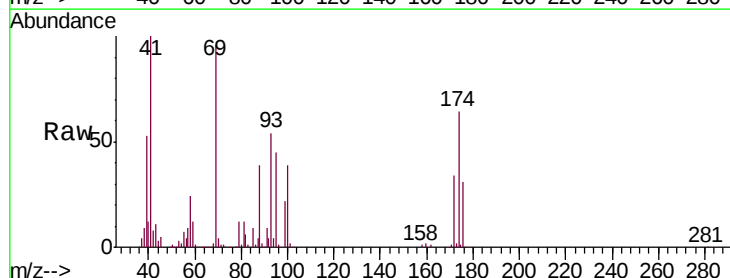
Tgt Ion: 41 Resp: 319630

Ion Ratio Lower Upper

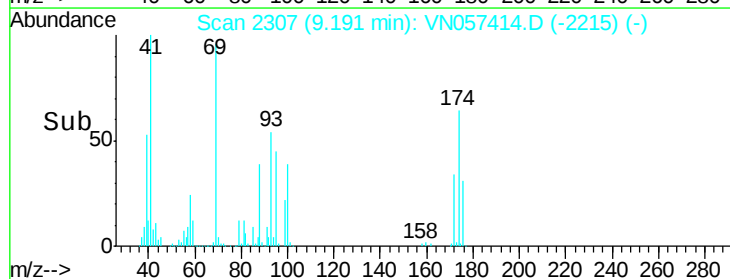
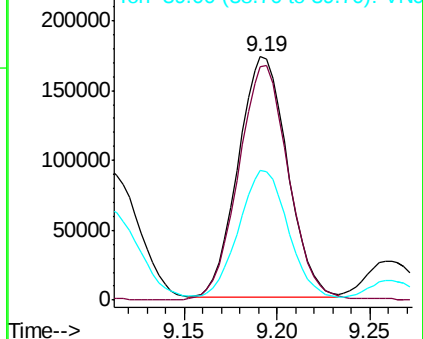
41 100

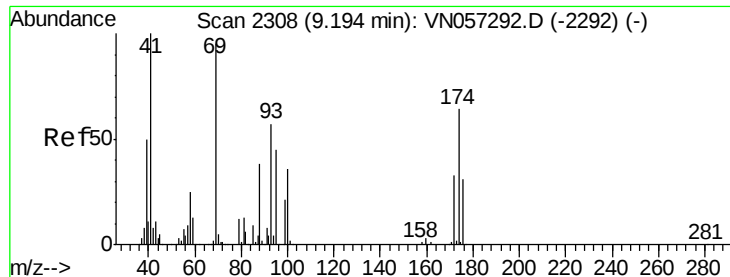
69 99.5 75.9 113.9

39 54.9 42.3 63.5



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

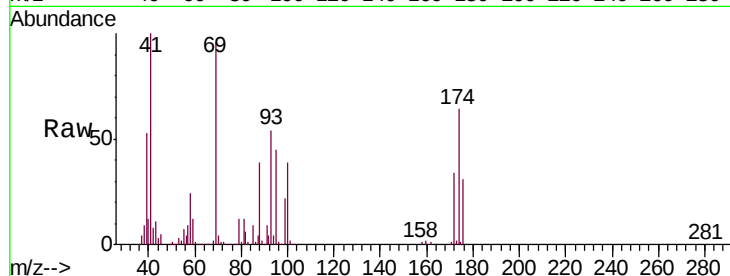




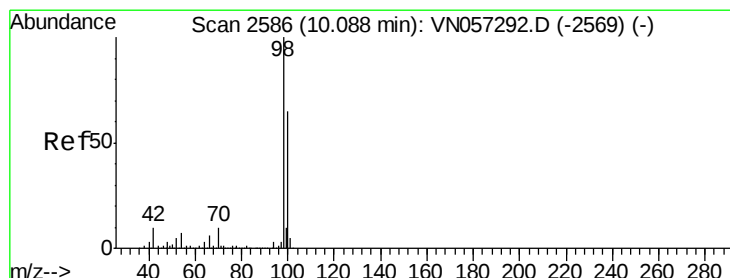
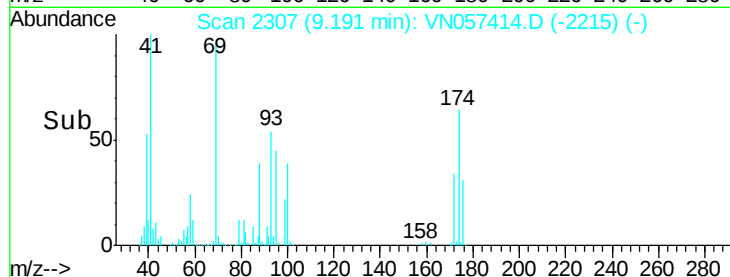
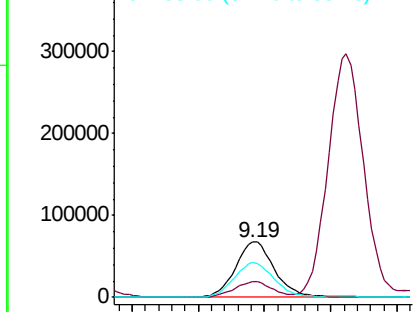
#49
1,4-Dioxane
Concen: 903.686 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. -0.00 min
Lab File: VN057414.D
Acq: 19 Aug 2019 21:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 138521
Ion Ratio Lower Upper
88 100
43 26.2 22.9 34.3
58 63.7 52.7 79.1

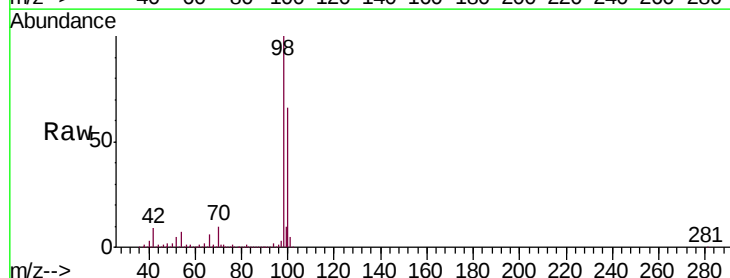


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

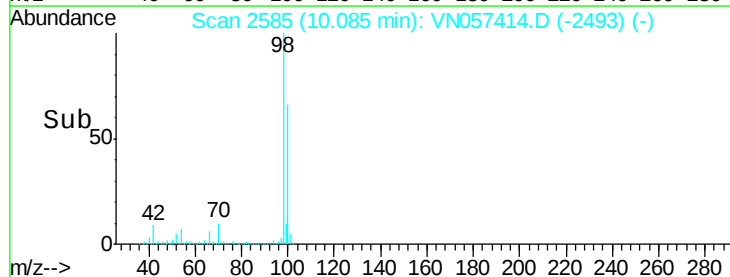
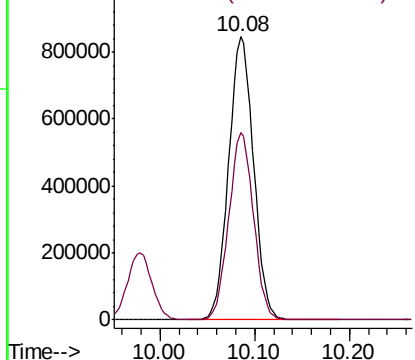


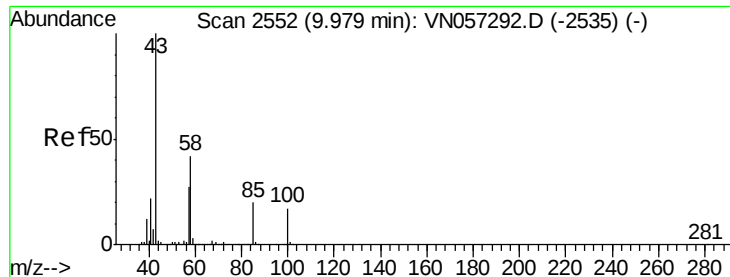
#50
Toluene-d8
Concen: 52.722 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN057414.D
Acq: 19 Aug 2019 21:36

Tgt Ion: 98 Resp: 1547208
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 220.635 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

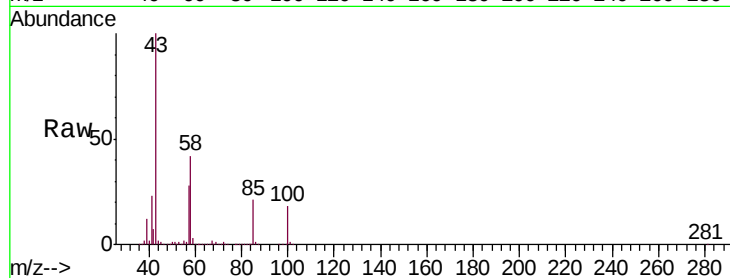
VSTDCCC050

Tgt Ion: 43 Resp: 2014756

Ion Ratio Lower Upper

43 100

58 42.1 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VN057292.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN057292.D (-2535) (-)

9.98

1200000

1000000

800000

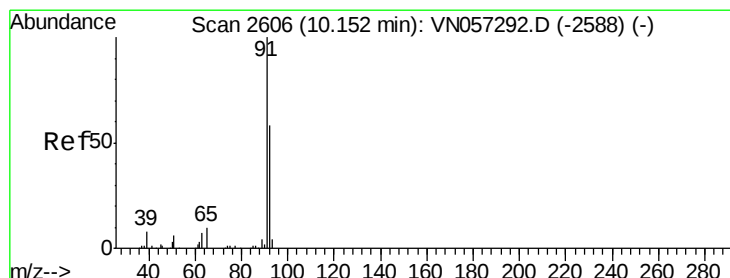
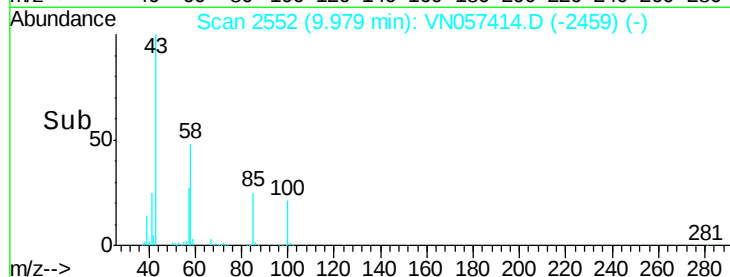
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 48.496 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VN057414.D

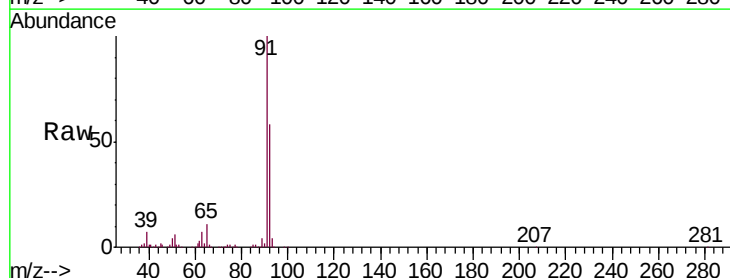
Acq: 19 Aug 2019 21:36

Tgt Ion: 92 Resp: 997764

Ion Ratio Lower Upper

92 100

91 173.4 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN057292.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN057292.D (-2588) (-)

10.15

1000000

800000

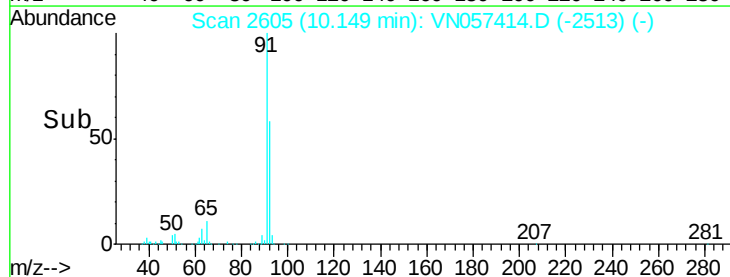
600000

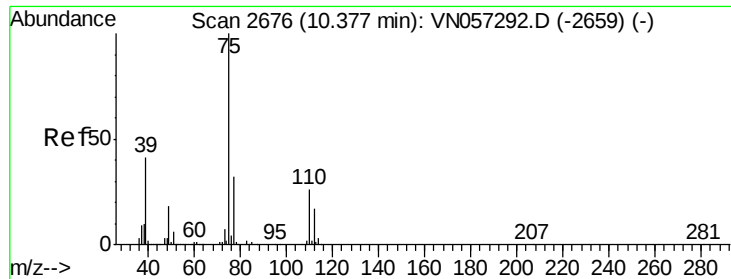
400000

200000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 47.797 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

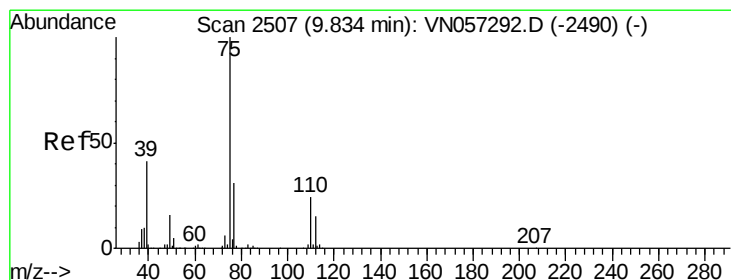
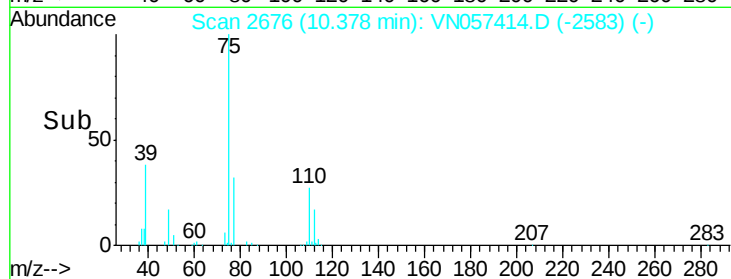
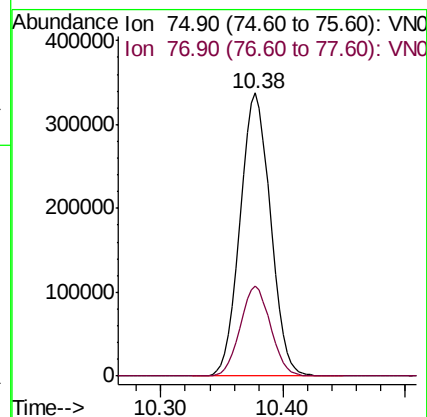
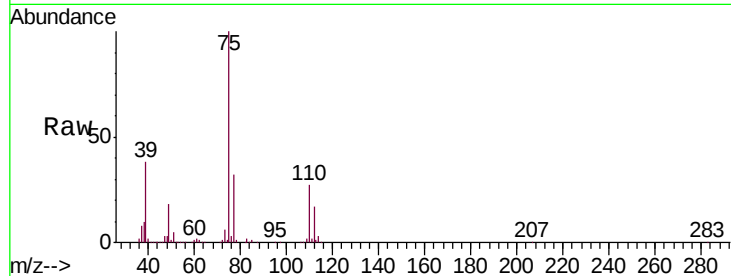
VSTDCCC050

Tgt Ion: 75 Resp: 582250

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 47.662 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

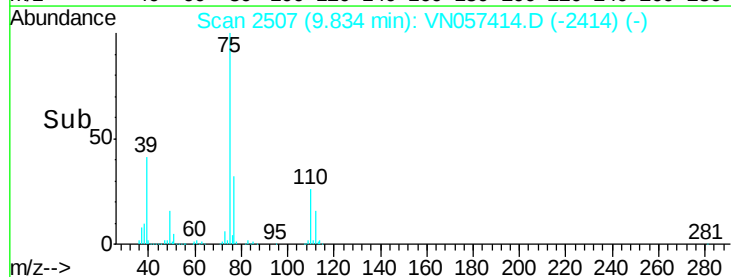
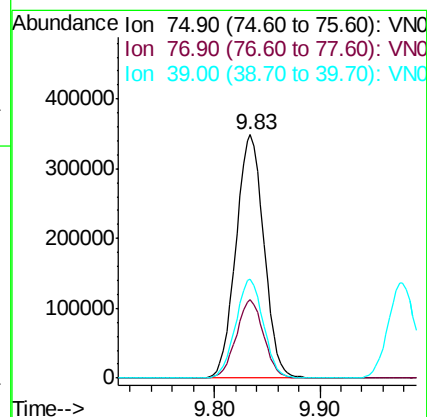
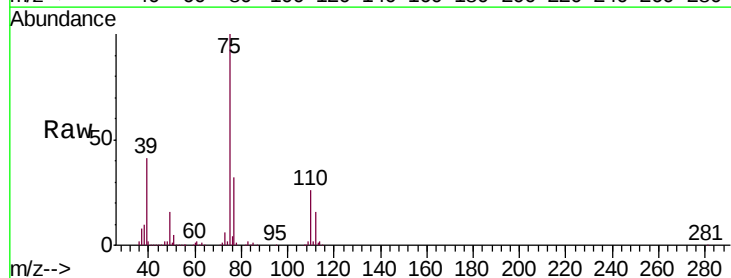
Tgt Ion: 75 Resp: 640246

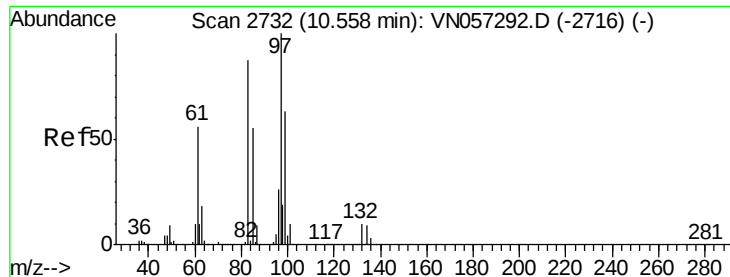
Ion Ratio Lower Upper

75 100

77 32.0 24.9 37.3

39 40.7 32.7 49.1





#55

1,1,2-Trichloroethane

Concen: 48.099 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 389128

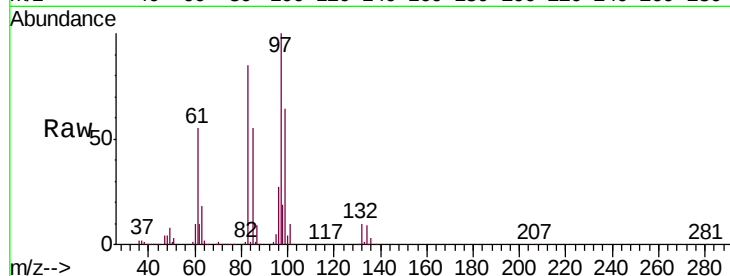
Ion Ratio Lower Upper

97 100

83 85.2 69.8 104.8

85 55.0 44.1 66.1

99 63.8 50.2 75.2

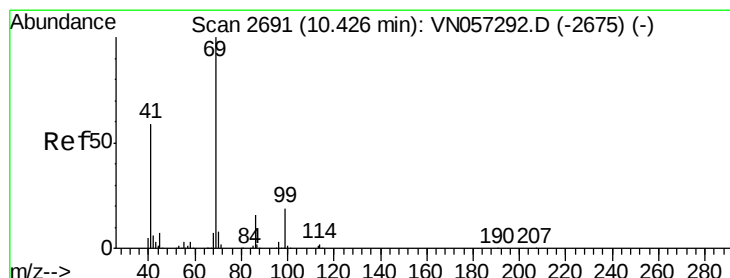
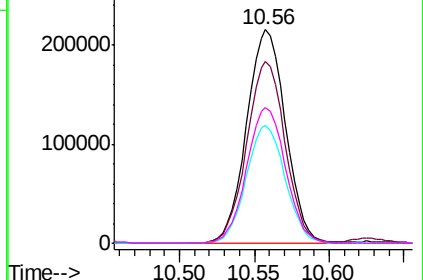
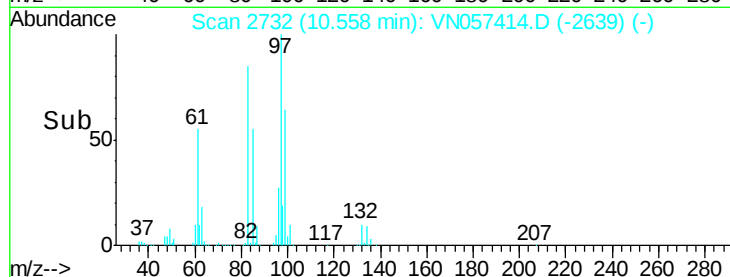


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 48.107 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. -0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

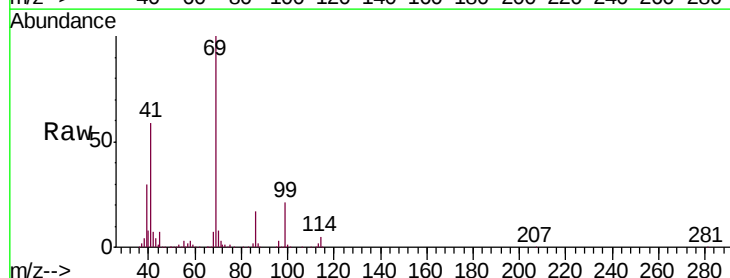
Tgt Ion: 69 Resp: 567968

Ion Ratio Lower Upper

69 100

41 57.3 48.2 72.2

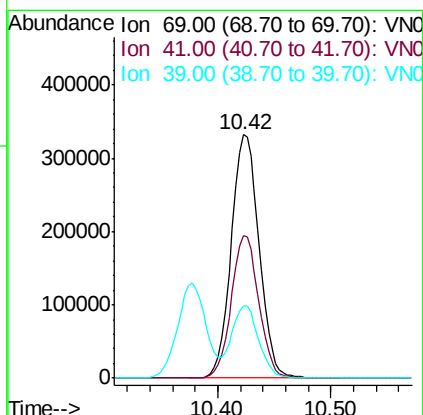
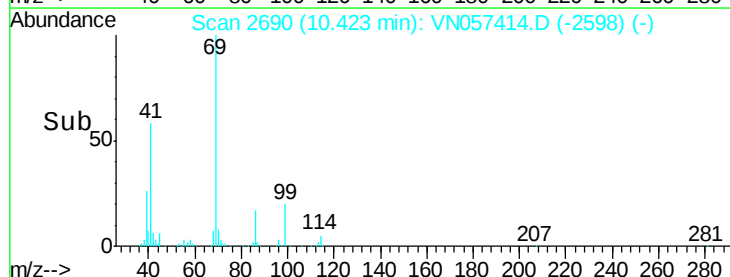
39 28.8 23.4 35.0

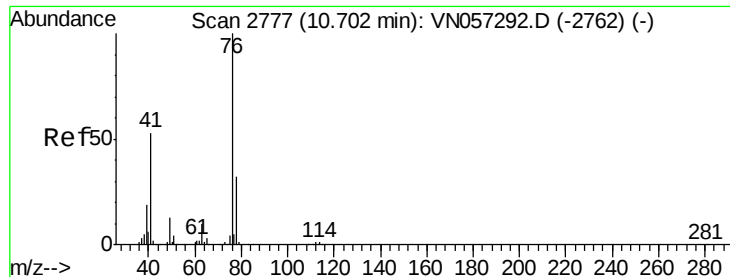


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 46.528 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

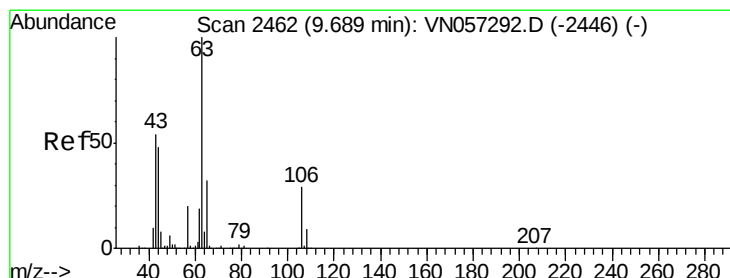
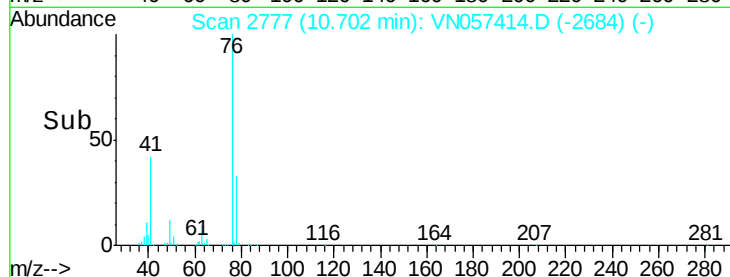
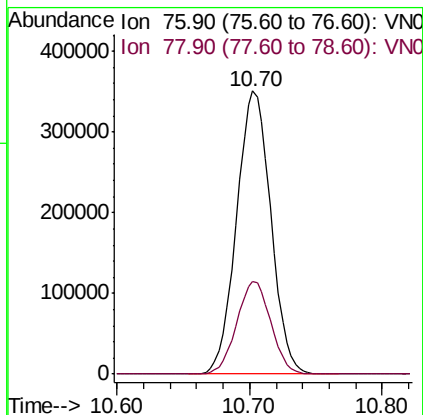
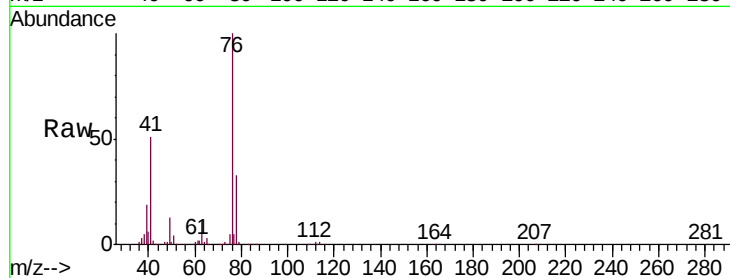
VSTDCCC050

Tgt Ion: 76 Resp: 628837

Ion Ratio Lower Upper

76 100

78 32.6 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 175.378 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057414.D

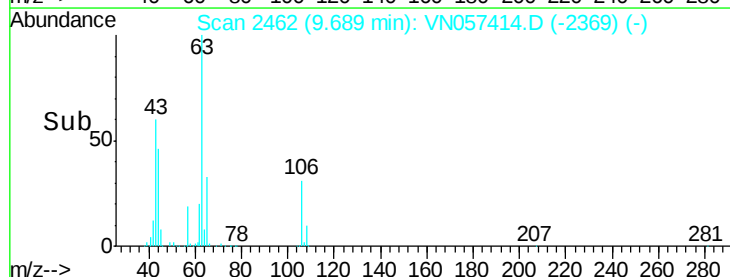
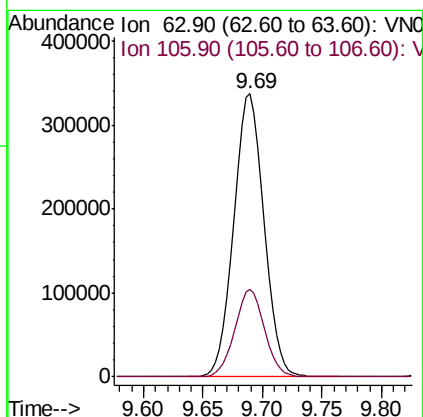
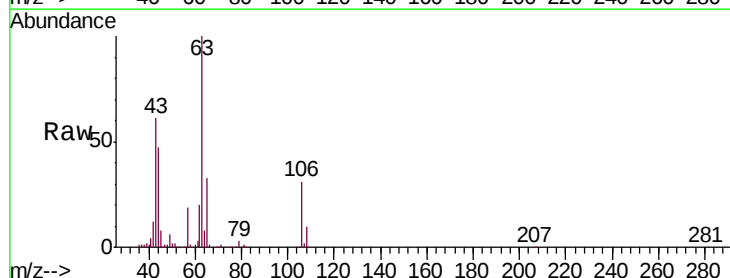
Acq: 19 Aug 2019 21:36

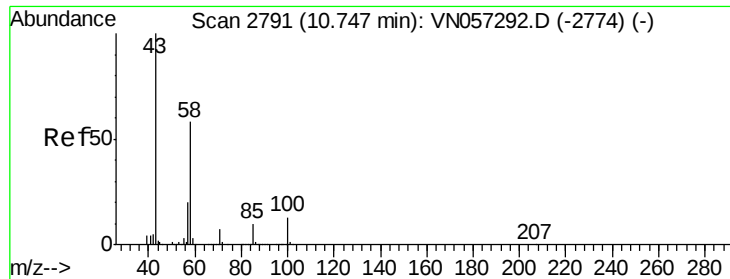
Tgt Ion: 63 Resp: 595109

Ion Ratio Lower Upper

63 100

106 30.4 23.2 34.8

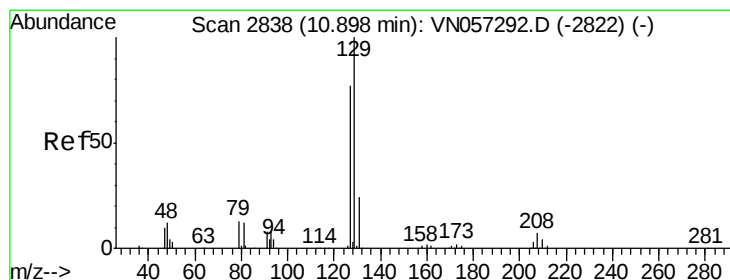
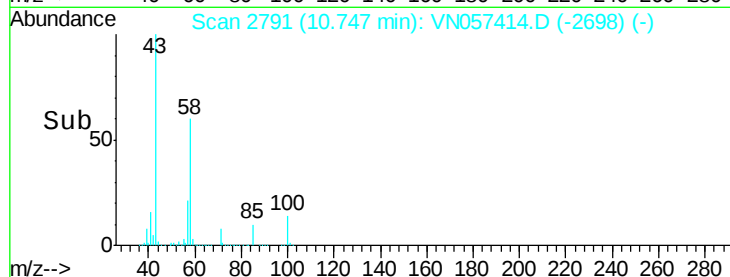
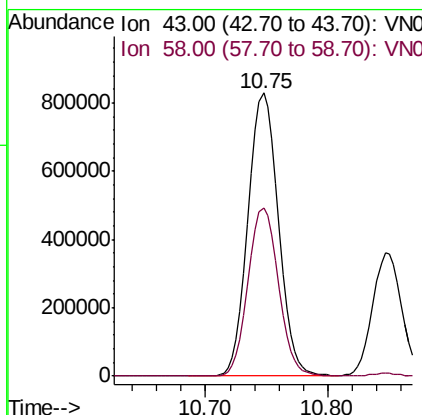
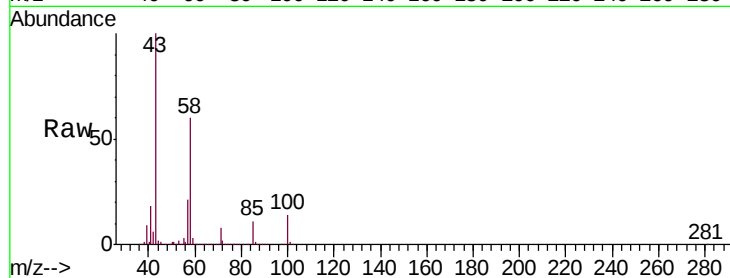




#59
2-Hexanone
Concen: 216.909 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN057414.D
Acq: 19 Aug 2019 21:36

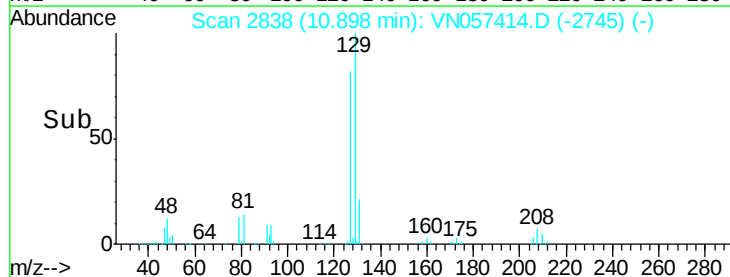
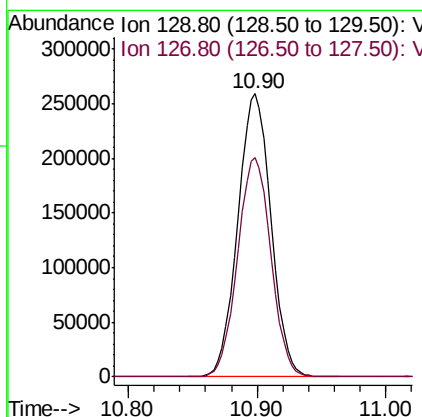
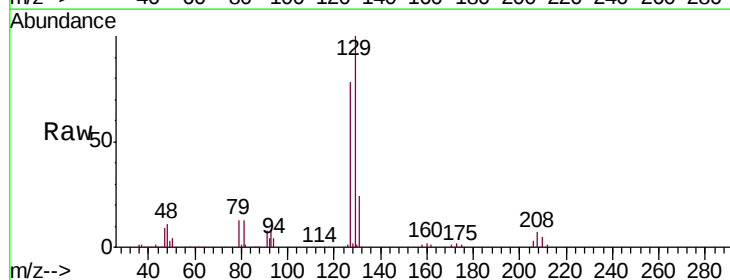
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

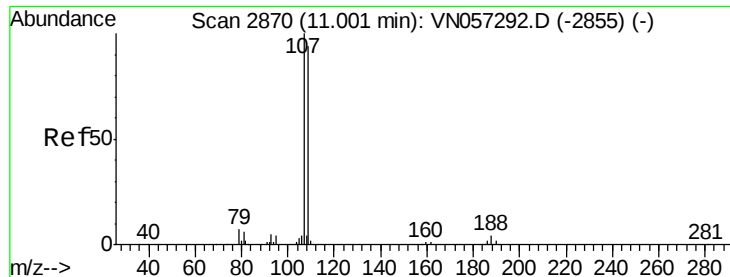
Tgt Ion: 43 Resp: 1423995
Ion Ratio Lower Upper
43 100
58 59.5 28.6 85.9



#60
Dibromochloromethane
Concen: 51.120 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN057414.D
Acq: 19 Aug 2019 21:36

Tgt Ion: 129 Resp: 463462
Ion Ratio Lower Upper
129 100
127 77.8 39.0 116.9

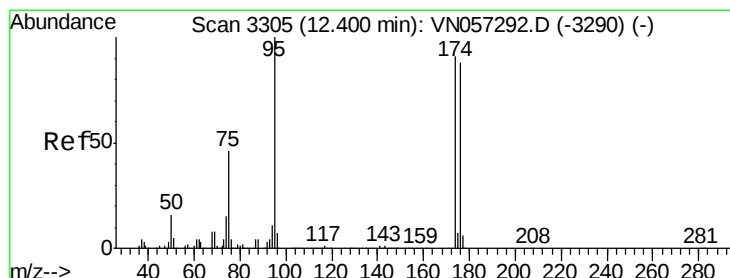
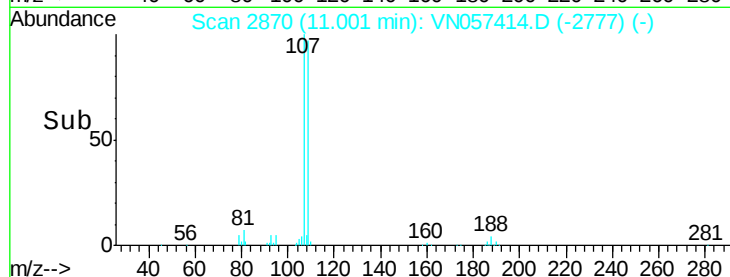
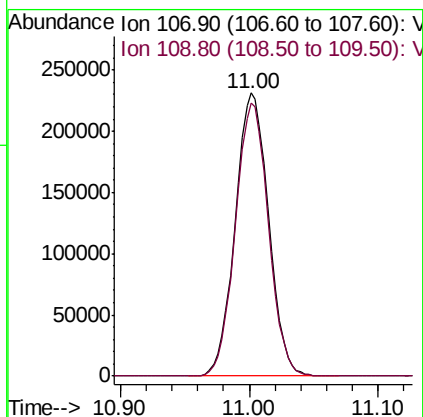
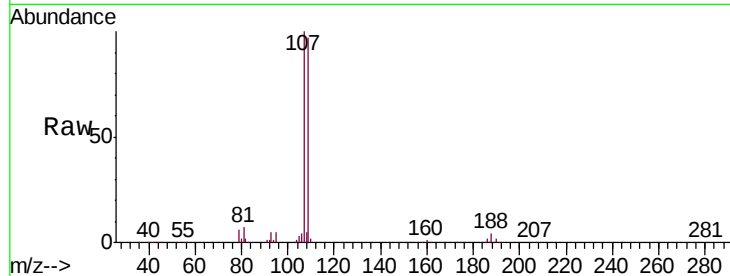




#61
 1,2-Dibromoethane
 Concen: 48.191 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN057414.D
 Acq: 19 Aug 2019 21:36

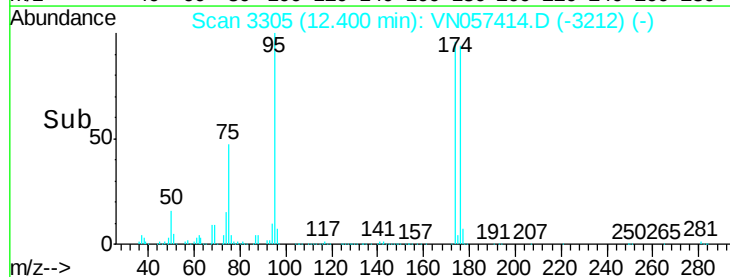
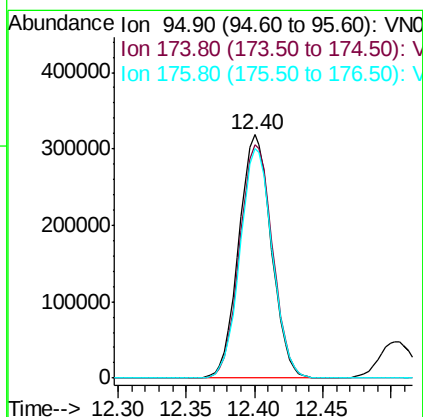
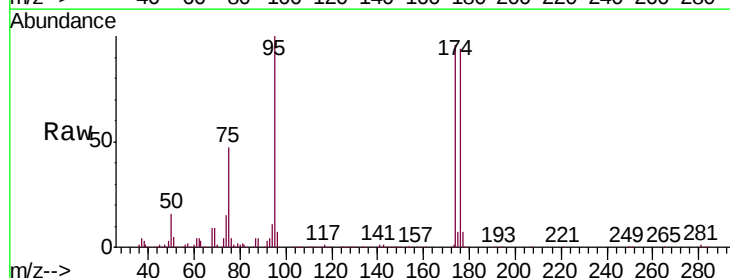
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

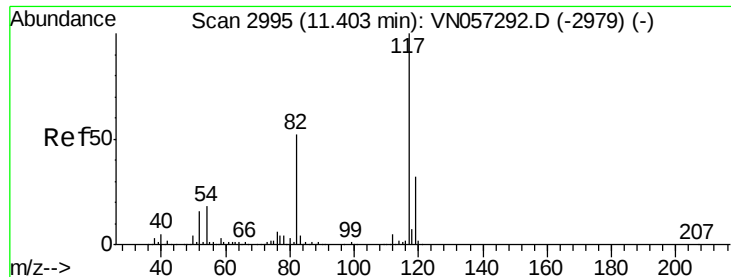
Tgt Ion: 107 Resp: 415316
 Ion Ratio Lower Upper
 107 100
 109 95.8 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 50.819 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN057414.D
 Acq: 19 Aug 2019 21:36

Tgt Ion: 95 Resp: 527031
 Ion Ratio Lower Upper
 95 100
 174 97.1 0.0 185.0
 176 93.8 0.0 181.0

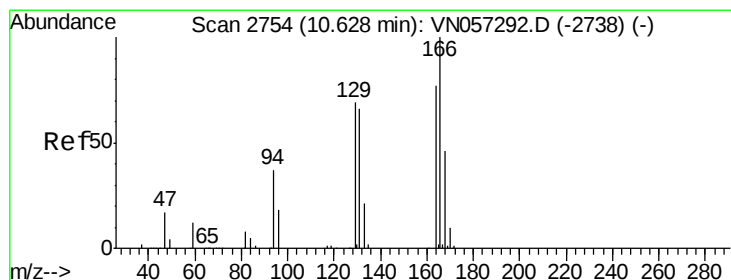
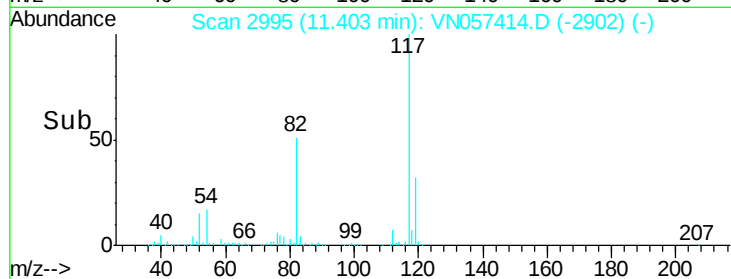
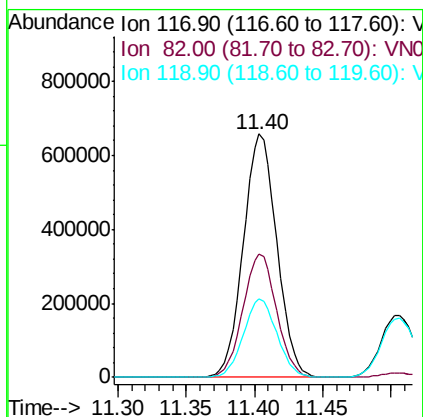
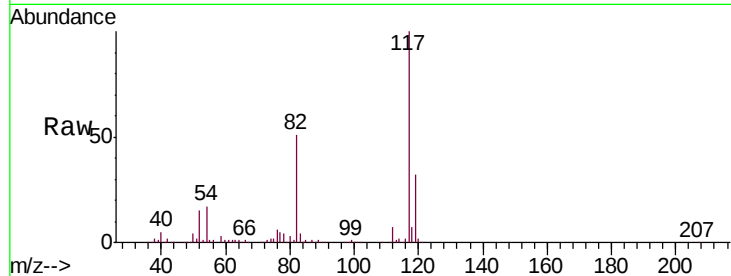




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057414.D
Acq: 19 Aug 2019 21:36

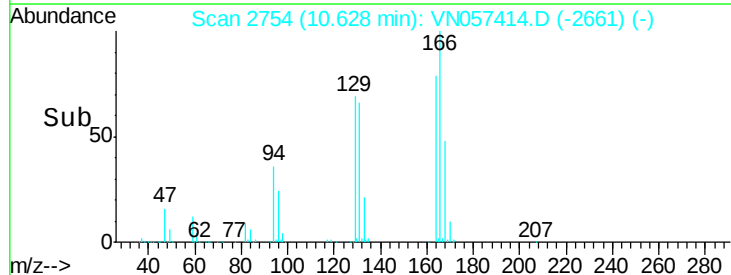
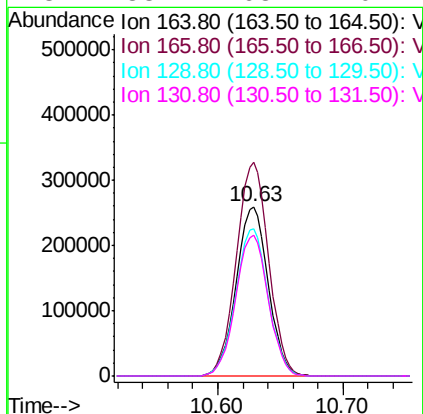
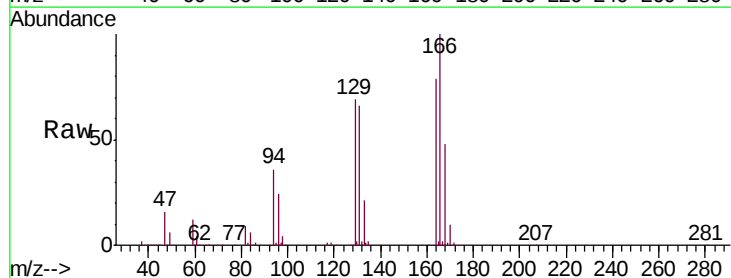
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

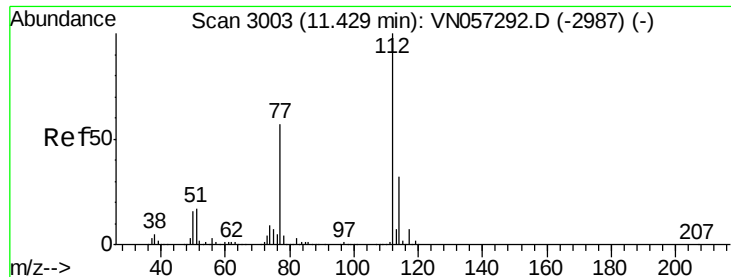
Tgt Ion:117 Resp: 1120712
Ion Ratio Lower Upper
117 100
82 50.8 41.2 61.8
119 32.4 25.8 38.8



#64
Tetrachloroethene
Concen: 47.458 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057414.D
Acq: 19 Aug 2019 21:36

Tgt Ion:164 Resp: 459788
Ion Ratio Lower Upper
164 100
166 126.3 103.5 155.3
129 87.0 71.2 106.8
131 83.2 68.2 102.4

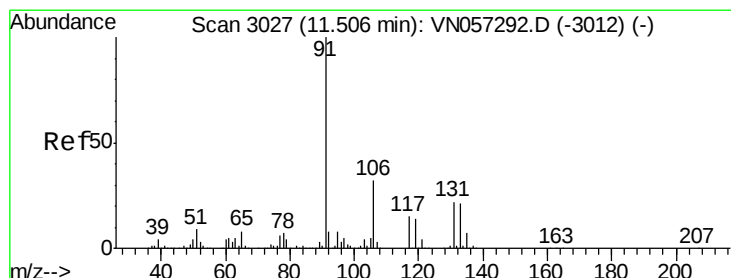
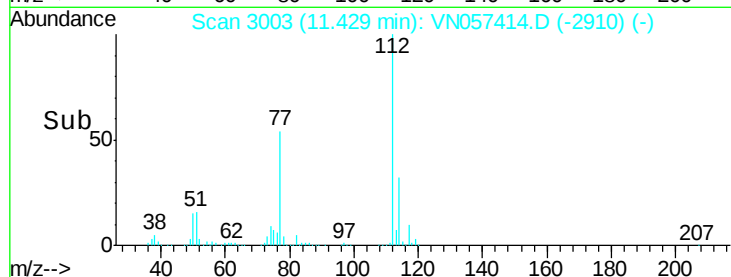
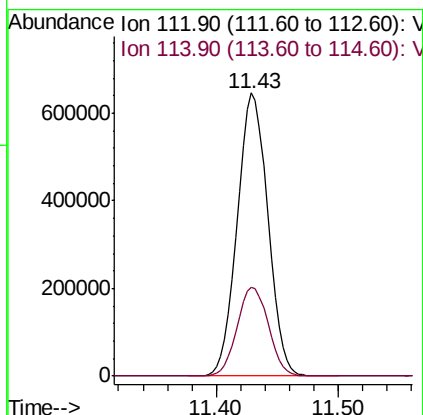
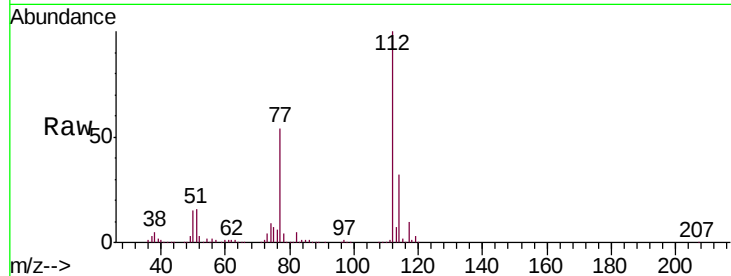




#65
Chlorobenzene
Concen: 48.982 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. 0.00 min
Lab File: VN057414.D
Acq: 19 Aug 2019 21:36

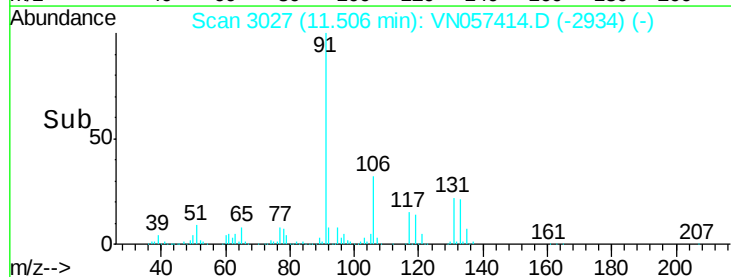
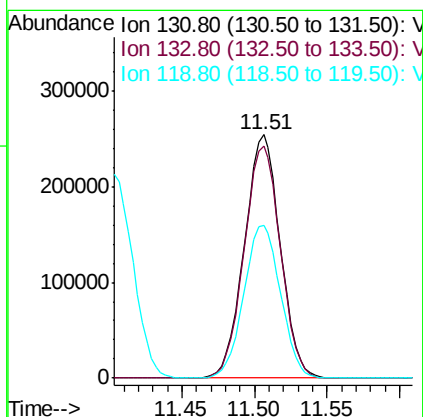
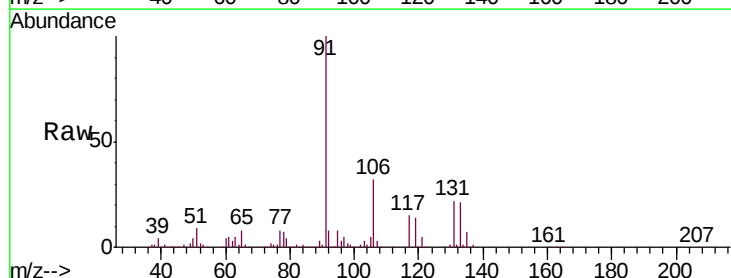
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

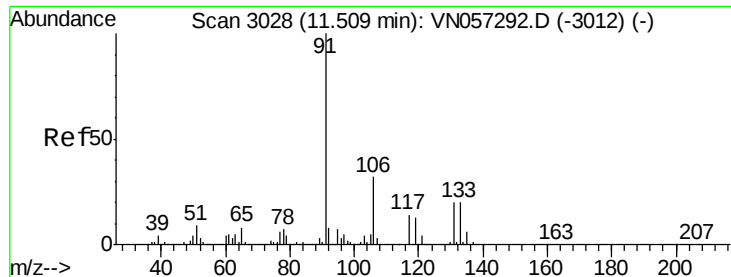
Tgt Ion:112 Resp: 1119598
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.011 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN057414.D
Acq: 19 Aug 2019 21:36

Tgt Ion:131 Resp: 437784
Ion Ratio Lower Upper
131 100
133 96.8 47.6 142.8
119 64.2 32.0 96.2

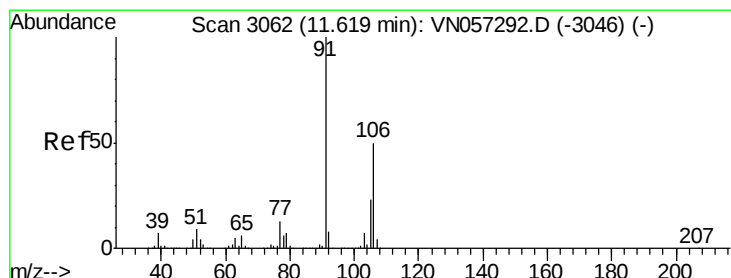
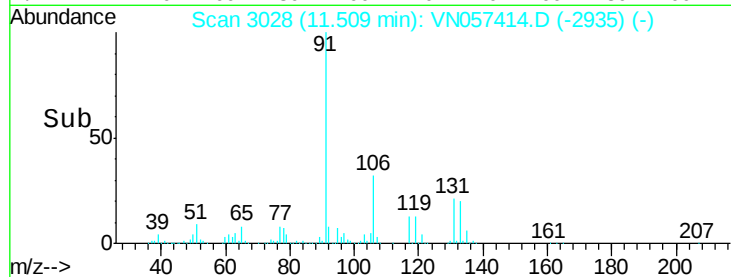
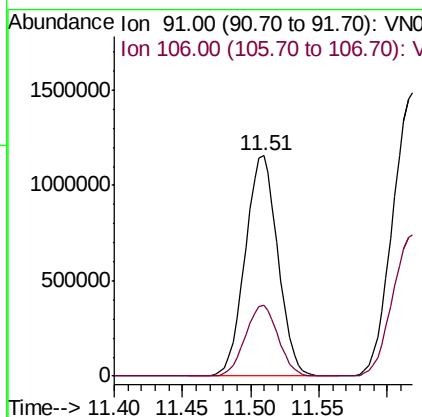
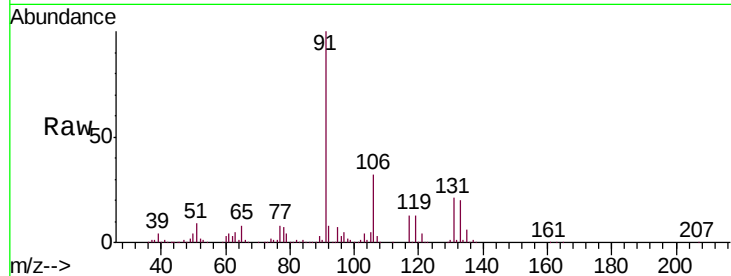




#67
 Ethyl Benzene
 Concen: 48.045 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. 0.00 min
 Lab File: VN057414.D
 Acq: 19 Aug 2019 21:36

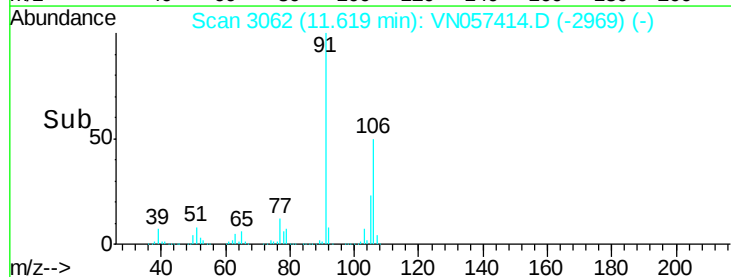
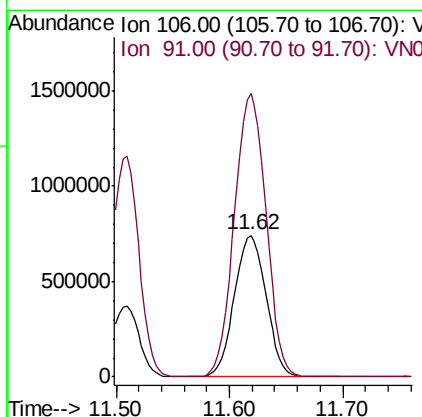
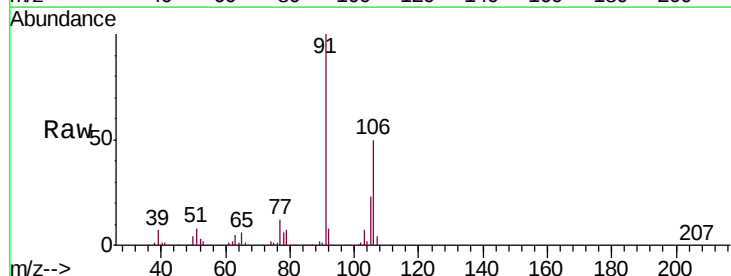
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

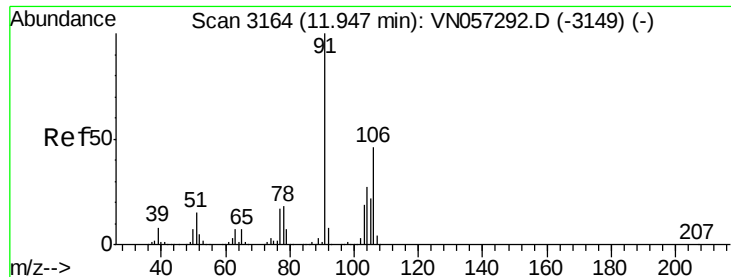
Tgt Ion: 91 Resp: 1921303
 Ion Ratio Lower Upper
 91 100
 106 31.9 25.5 38.3



#68
 m/p-Xylenes
 Concen: 98.597 ug/l
 RT: 11.62 min Scan# 3062
 Delta R.T. 0.00 min
 Lab File: VN057414.D
 Acq: 19 Aug 2019 21:36

Tgt Ion: 106 Resp: 1452712
 Ion Ratio Lower Upper
 106 100
 91 199.5 161.5 242.3

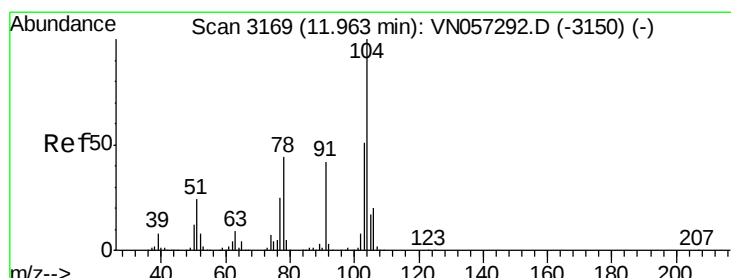
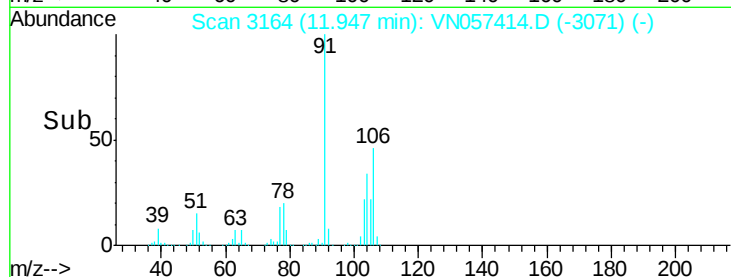
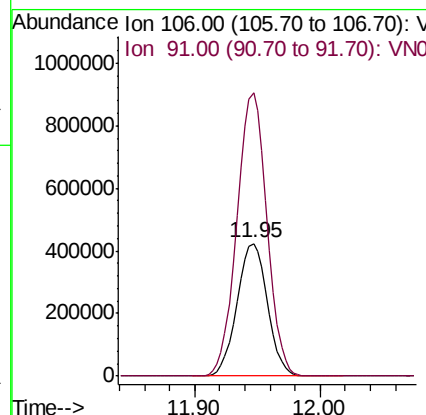
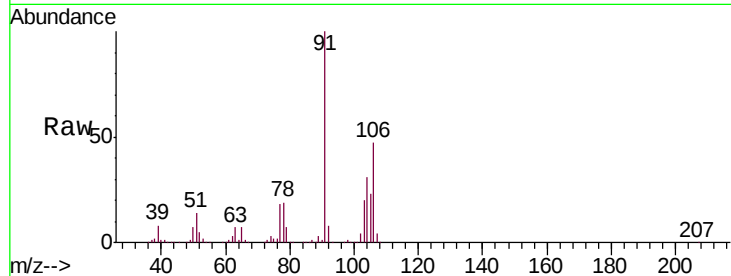




#69
o-Xylene
Concen: 49.206 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057414.D
Acq: 19 Aug 2019 21:36

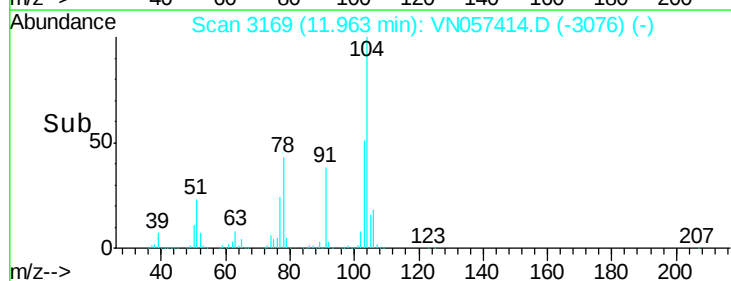
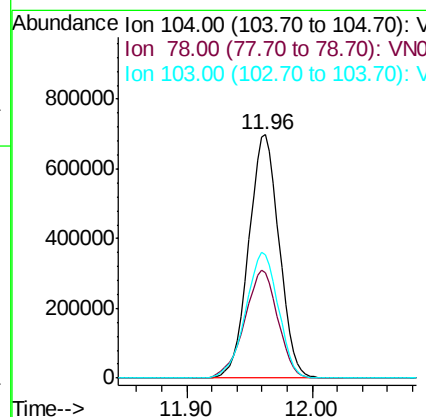
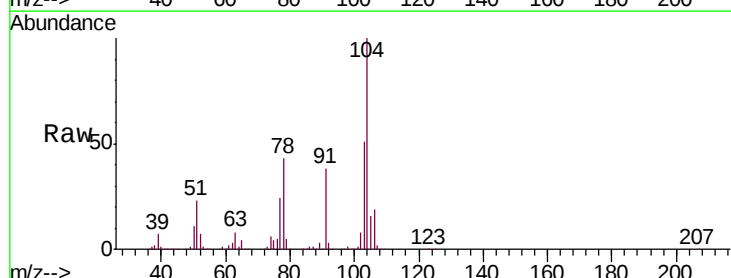
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

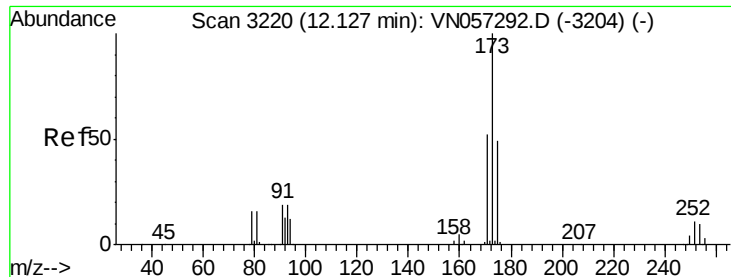
Tgt Ion:106 Resp: 711850
Ion Ratio Lower Upper
106 100
91 211.3 106.3 319.0



#70
Styrene
Concen: 51.116 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057414.D
Acq: 19 Aug 2019 21:36

Tgt Ion:104 Resp: 1178756
Ion Ratio Lower Upper
104 100
78 48.3 39.2 58.8
103 55.5 44.6 66.8





#71

Bromoform

Concen: 52.188 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

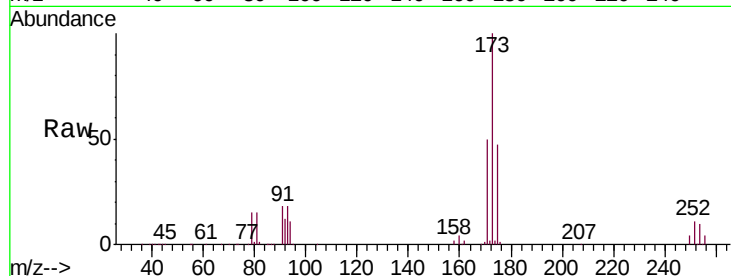
Tgt Ion:173 Resp: 360410

Ion Ratio Lower Upper

173 100

175 48.4 24.2 72.6

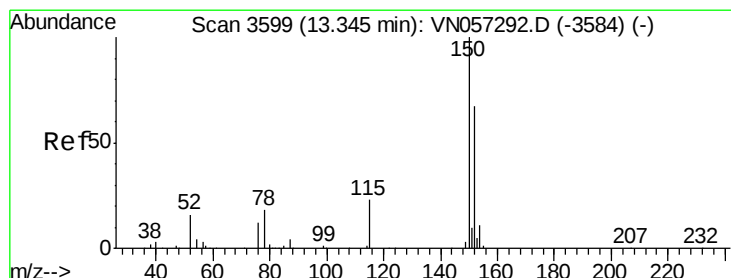
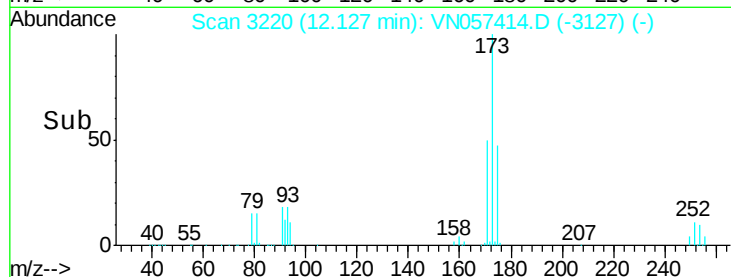
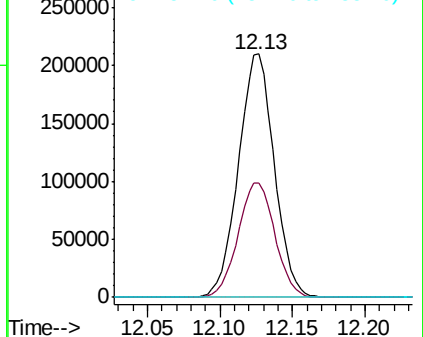
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

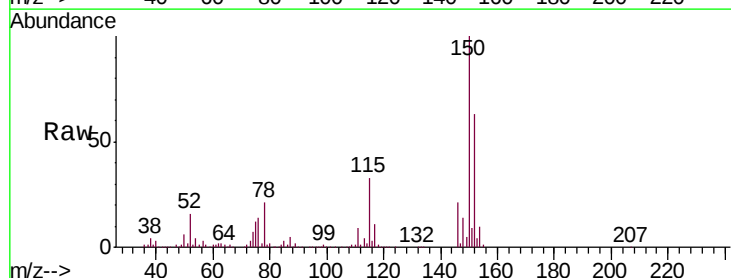
Tgt Ion:152 Resp: 453246

Ion Ratio Lower Upper

152 100

115 54.4 27.3 81.9

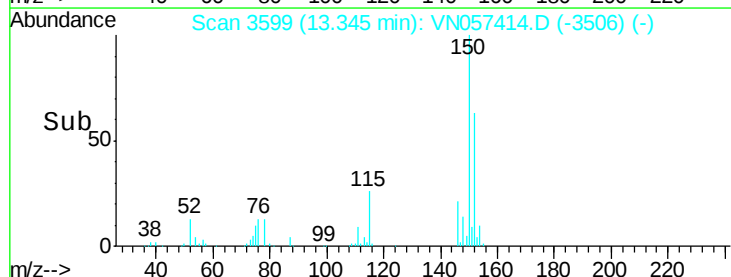
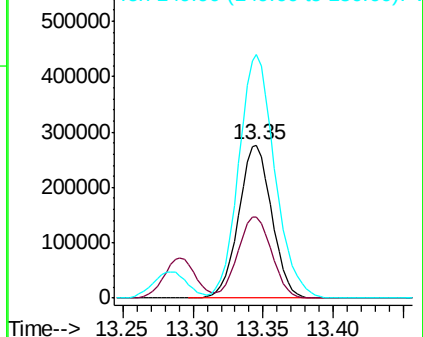
150 173.6 0.0 344.4

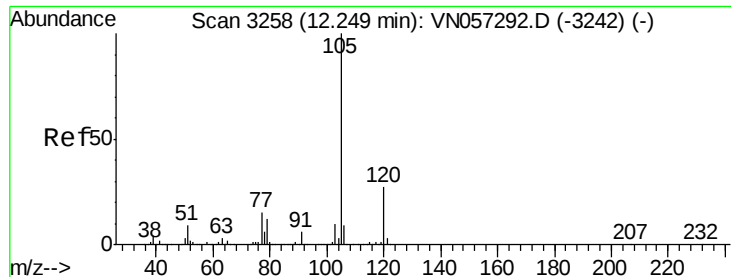


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.590 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

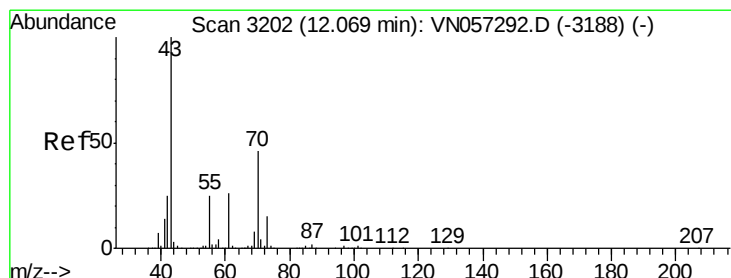
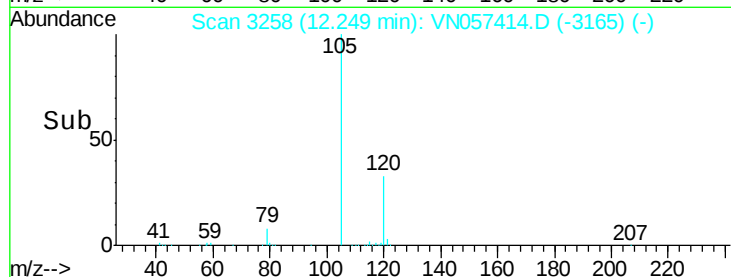
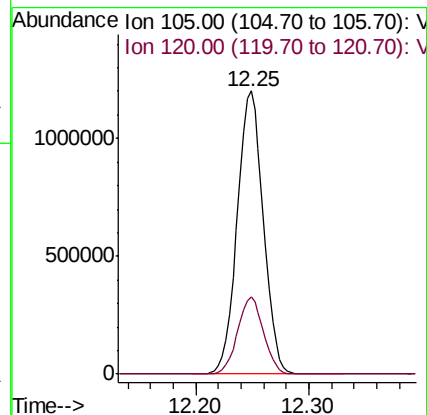
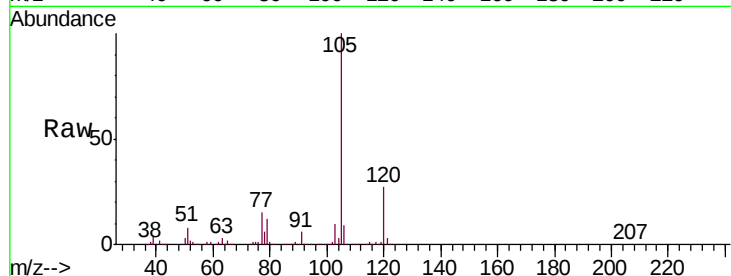
VSTDCCC050

Tgt Ion: 105 Resp: 1922778

Ion Ratio Lower Upper

105 100

120 27.1 13.2 39.6



#74

N-ethyl acetate

Concen: 41.389 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

Tgt Ion: 43 Resp: 544357

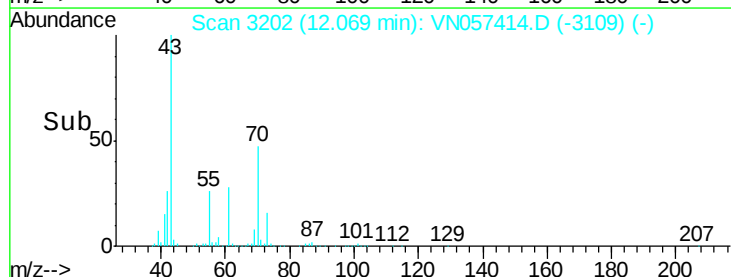
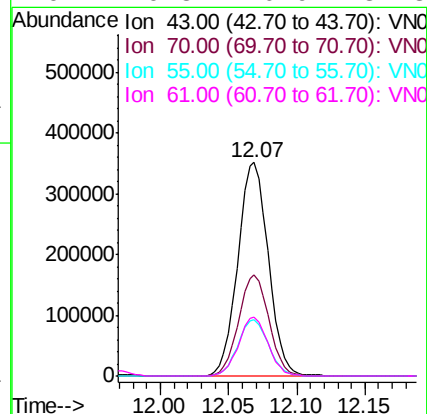
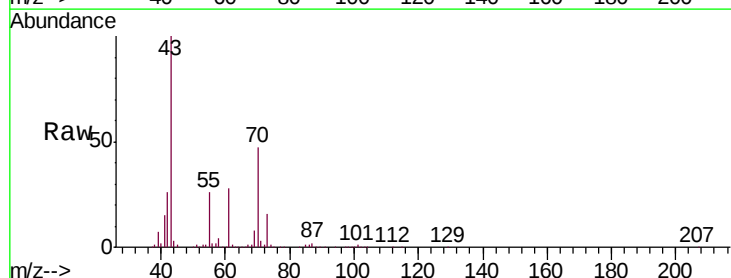
Ion Ratio Lower Upper

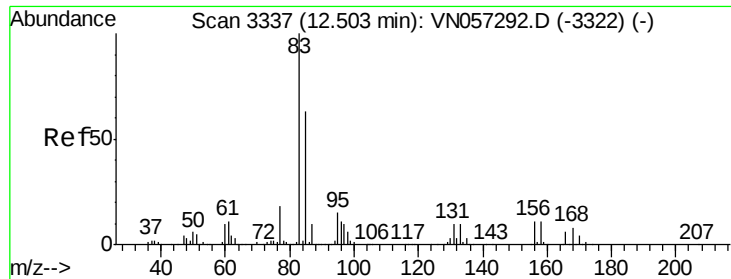
43 100

70 47.1 36.2 54.2

55 26.5 20.1 30.1

61 26.8 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 51.021 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

Instrument :

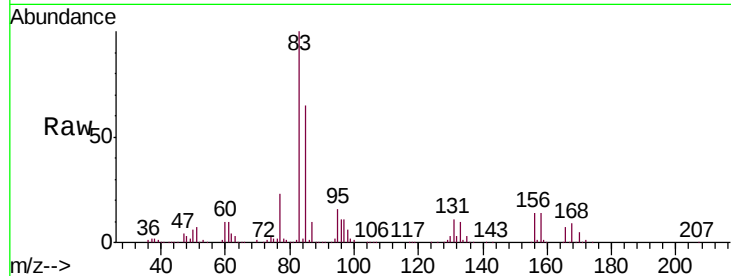
MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 513107

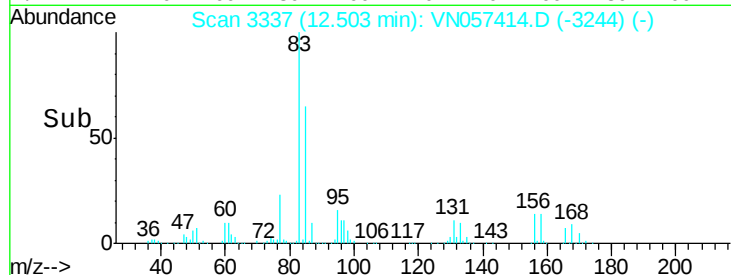
Ion	Ratio	Lower	Upper
83	100		
131	11.6	5.4	16.2
85	65.5	32.3	96.9



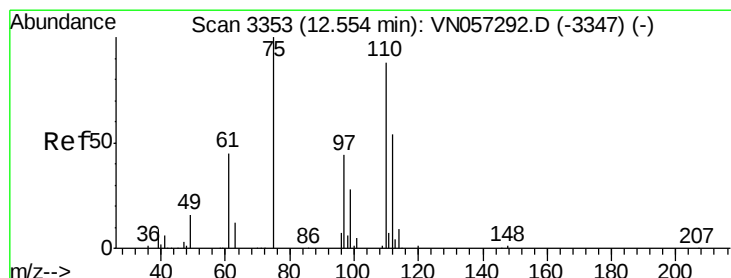
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



Time-->



#76

1,2,3-Trichloropropane

Concen: 72.647 ug/l

RT: 12.55 min Scan# 3353

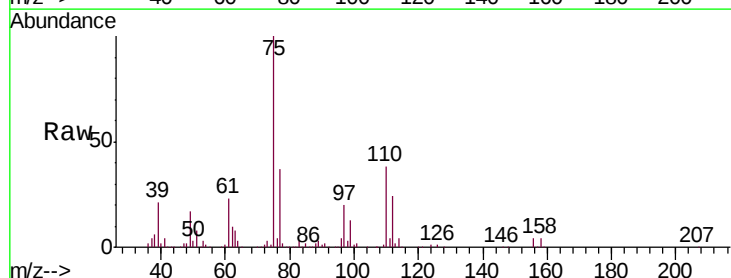
Delta R.T. 0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

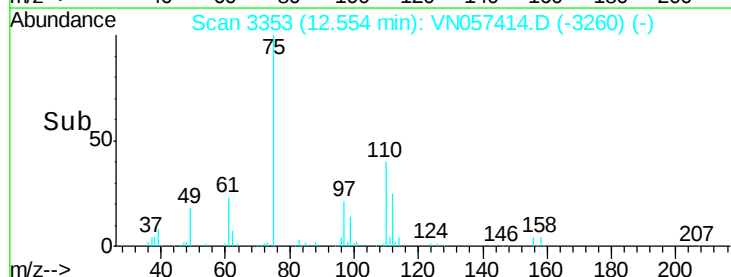
Tgt Ion: 75 Resp: 640886

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



Time-->



#77

Bromobenzene

Concen: 53.919 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

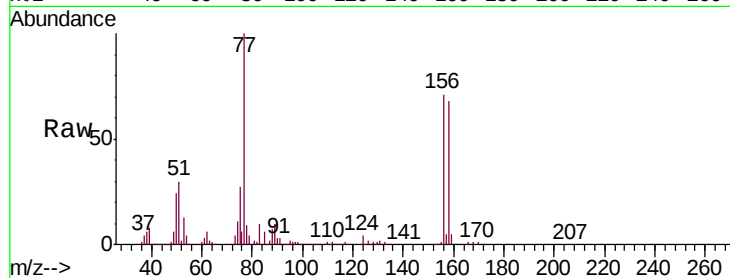
Tgt Ion:156 Resp: 522180

Ion Ratio Lower Upper

156 100

77 169.7 89.8 269.6

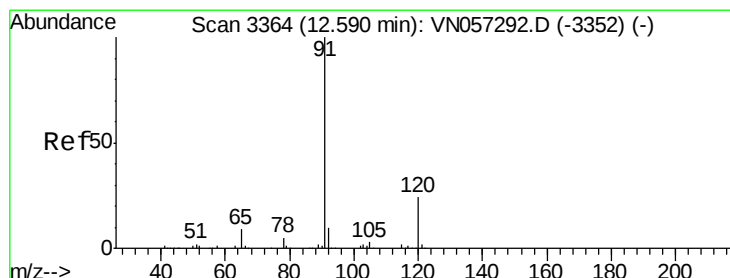
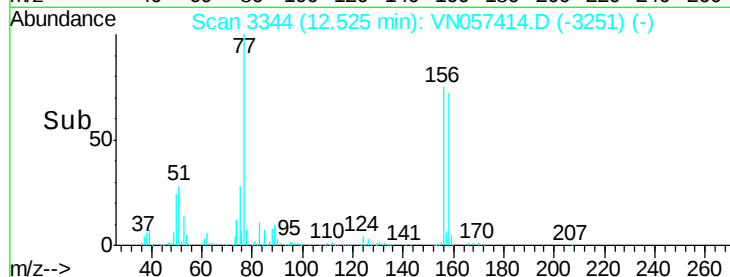
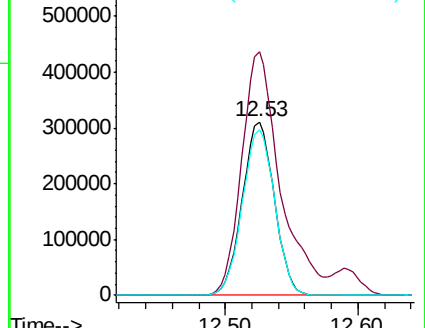
158 96.6 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.992 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN057414.D

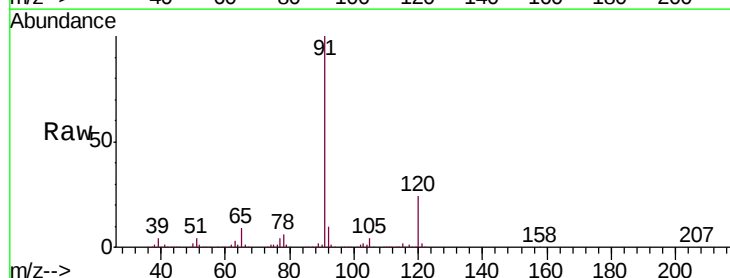
Acq: 19 Aug 2019 21:36

Tgt Ion: 91 Resp: 2007370

Ion Ratio Lower Upper

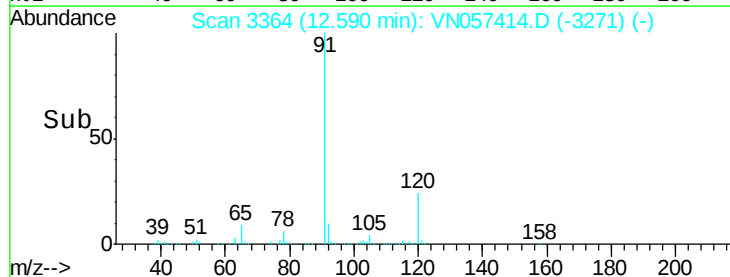
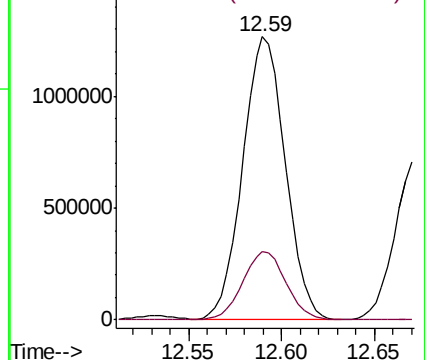
91 100

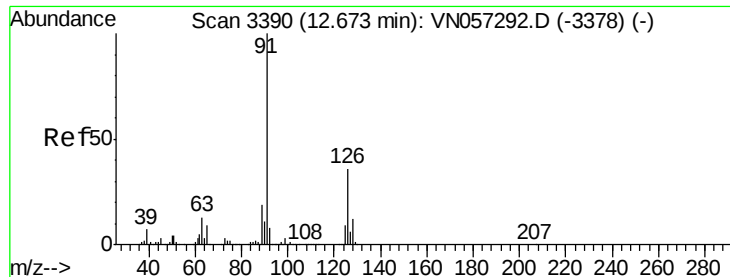
120 24.5 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.013 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

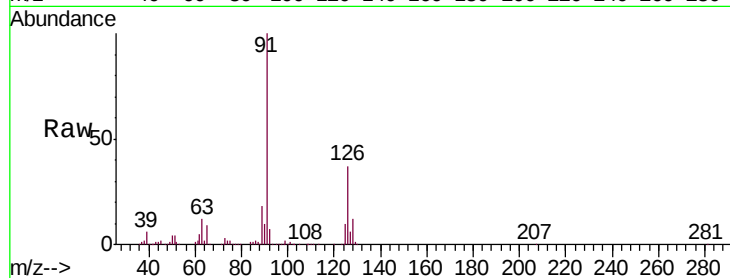
VSTDCCC050

Tgt Ion: 91 Resp: 1238863

Ion Ratio Lower Upper

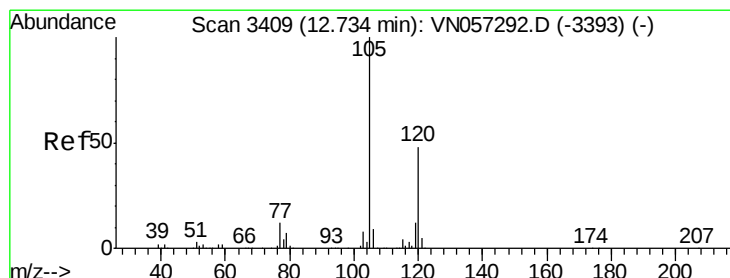
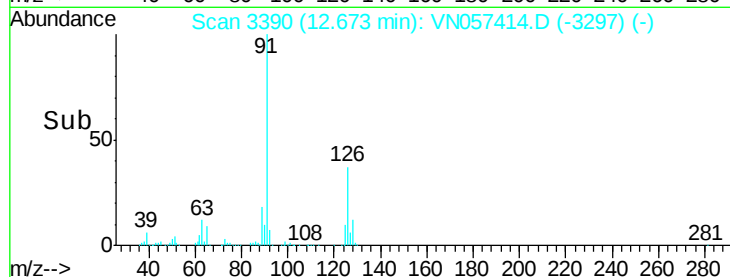
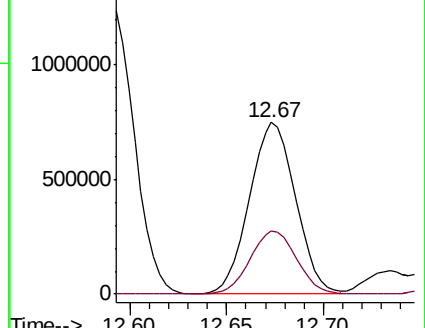
91 100

126 37.2 18.1 54.1



Abundance Ion 91.00 (90.70 to 91.70): VN057414.D (-3297) (-)

Ion 125.90 (125.60 to 126.60): VN057414.D (-3297) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.666 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057414.D

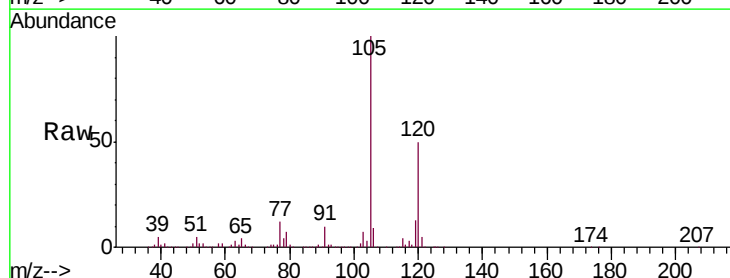
Acq: 19 Aug 2019 21:36

Tgt Ion: 105 Resp: 1604662

Ion Ratio Lower Upper

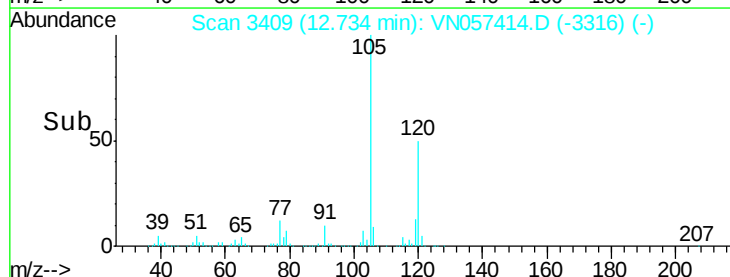
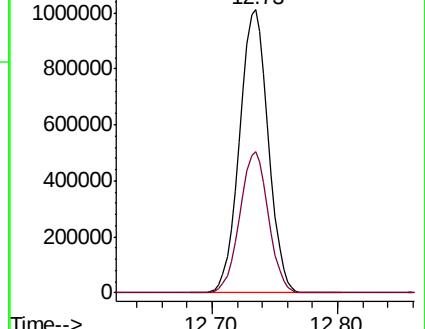
105 100

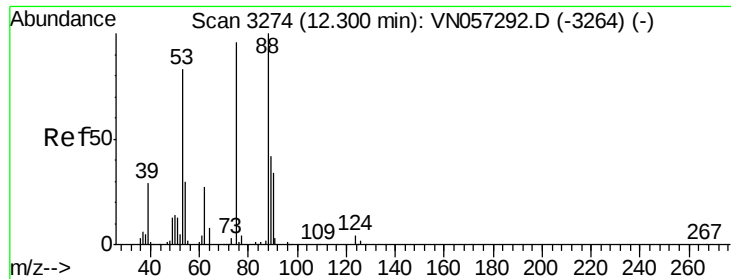
120 49.8 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VN057414.D (-3316) (-)

Ion 120.00 (119.70 to 120.70): VN057414.D (-3316) (-)

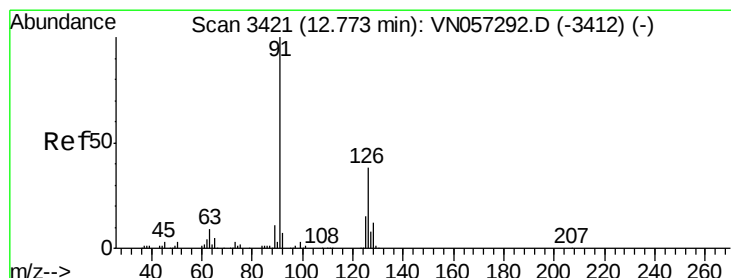
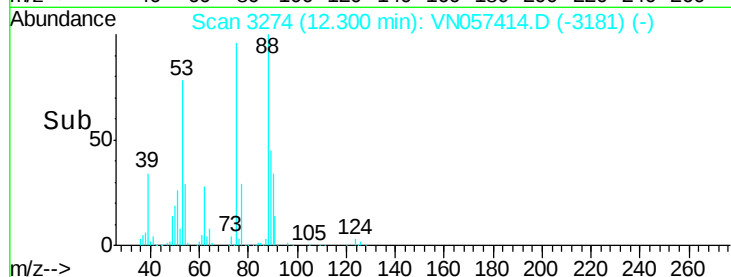
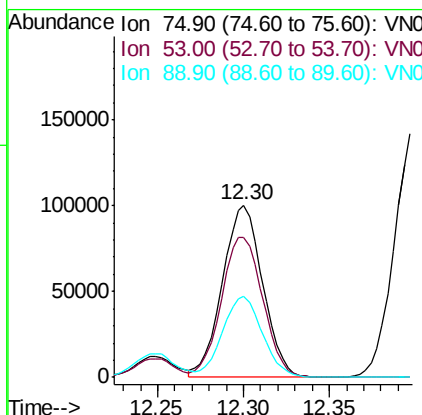
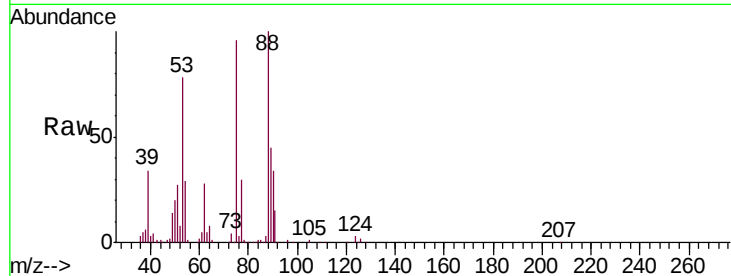




#81
trans-1,4-Dichloro-2-butene
Concen: 43.542 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN057414.D
Acq: 19 Aug 2019 21:36

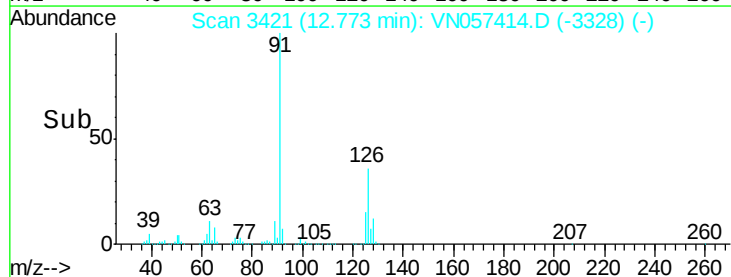
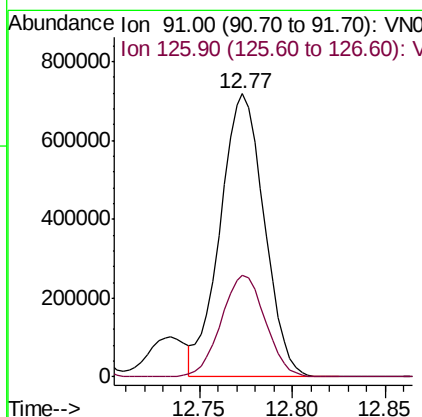
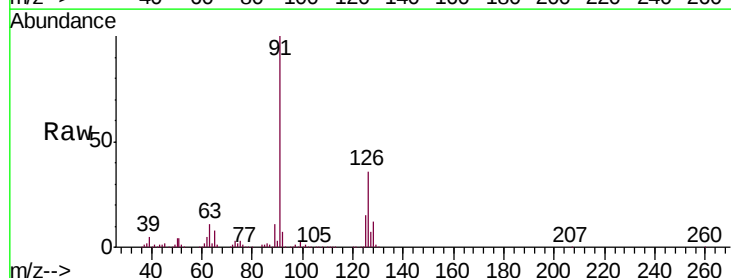
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

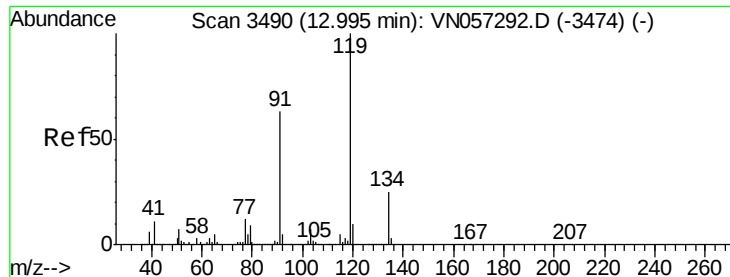
Tgt Ion: 75 Resp: 161845
Ion Ratio Lower Upper
75 100
53 83.8 67.9 101.9
89 47.1 36.2 54.4



#82
4-Chlorotoluene
Concen: 45.714 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN057414.D
Acq: 19 Aug 2019 21:36

Tgt Ion: 91 Resp: 1182336
Ion Ratio Lower Upper
91 100
126 36.1 17.3 51.7

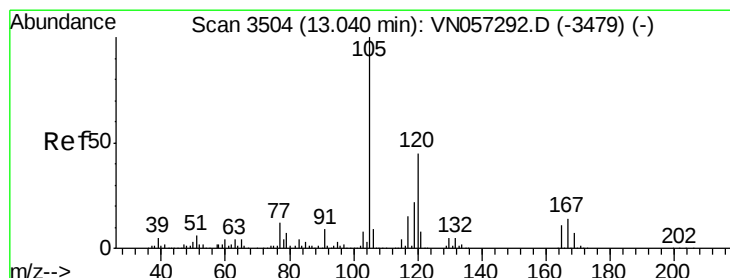
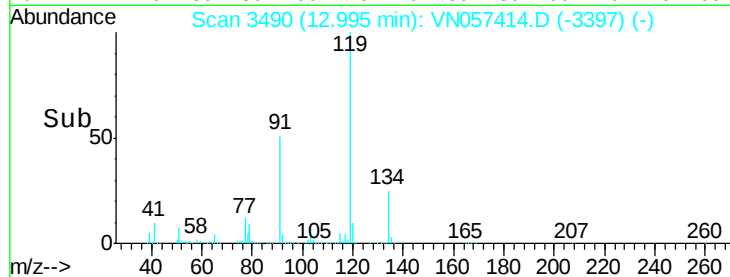
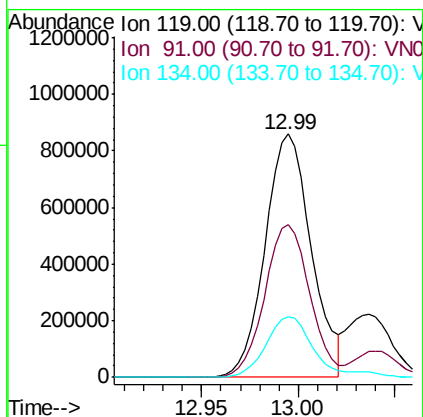
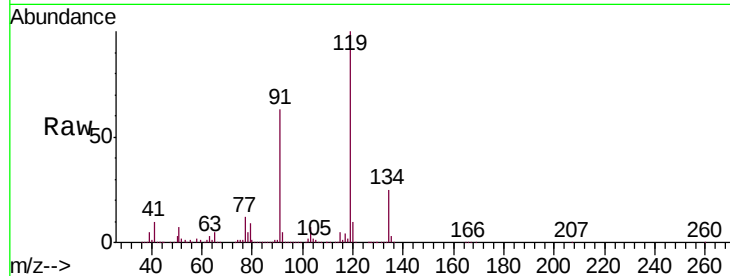




#83
 tert-Butylbenzene
 Concen: 53.655 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN057414.D
 Acq: 19 Aug 2019 21:36

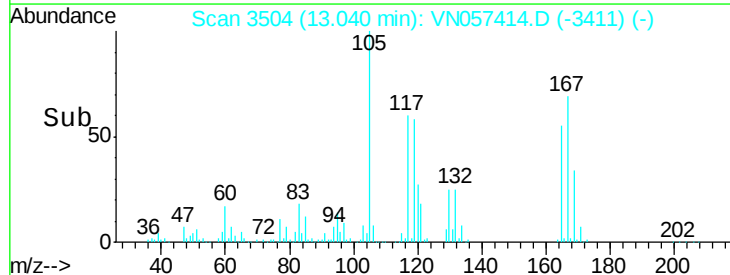
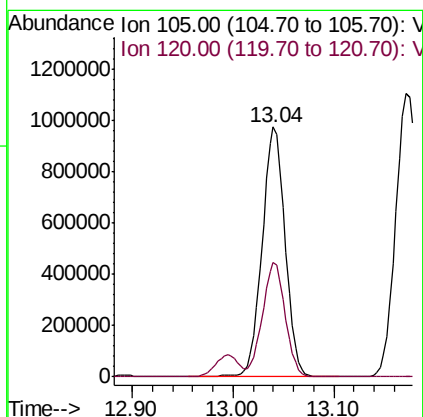
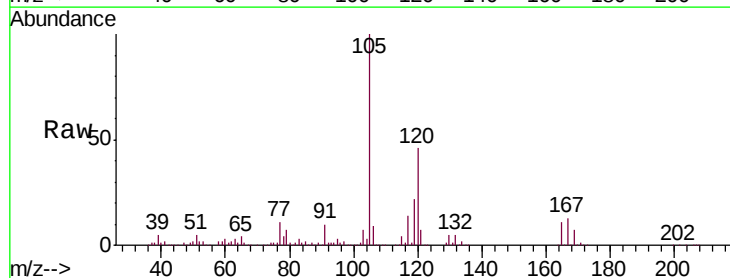
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

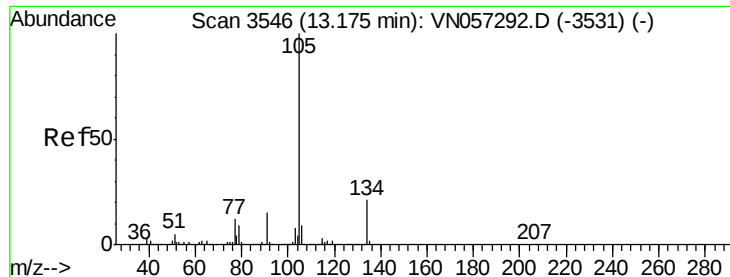
Tgt Ion:119 Resp: 1432584
 Ion Ratio Lower Upper
 119 100
 91 61.5 31.3 93.8
 134 26.3 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 47.264 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN057414.D
 Acq: 19 Aug 2019 21:36

Tgt Ion:105 Resp: 1542985
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.6 67.7





#85

sec-Butylbenzene

Concen: 51.539 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

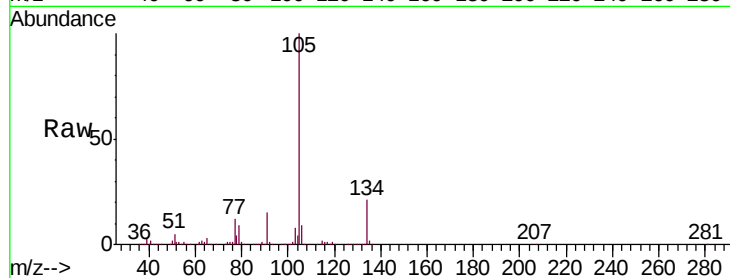
VSTDCCC050

Tgt Ion:105 Resp: 1765608

Ion Ratio Lower Upper

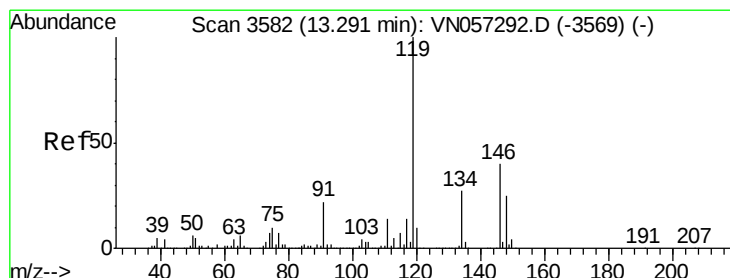
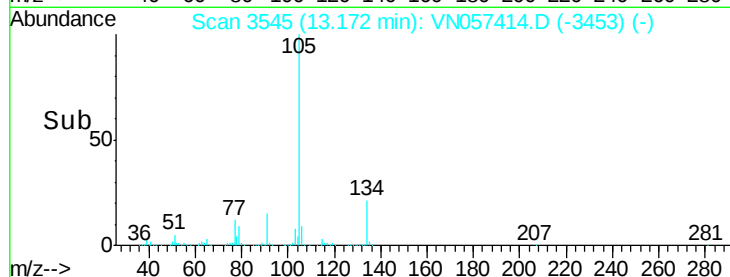
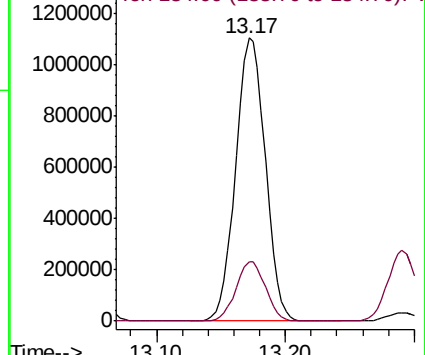
105 100

134 20.9 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.812 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

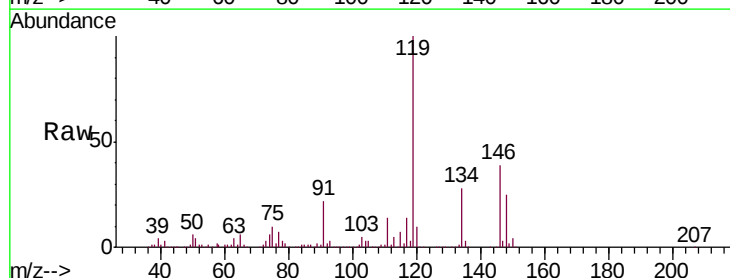
Tgt Ion:119 Resp: 1564602

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.2

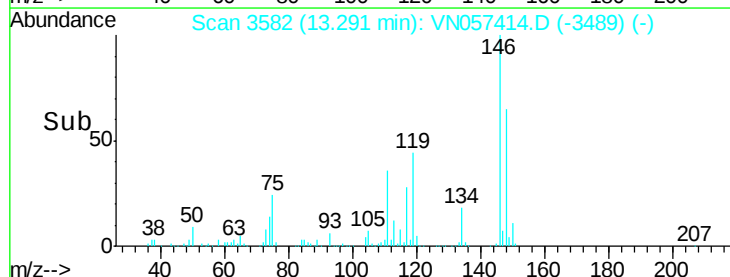
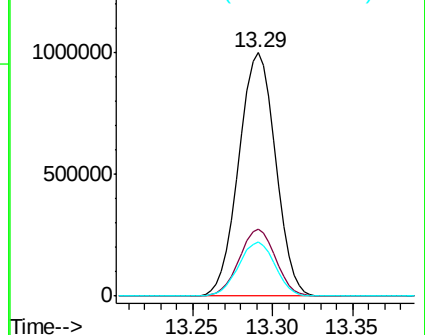
91 22.2 11.2 33.5

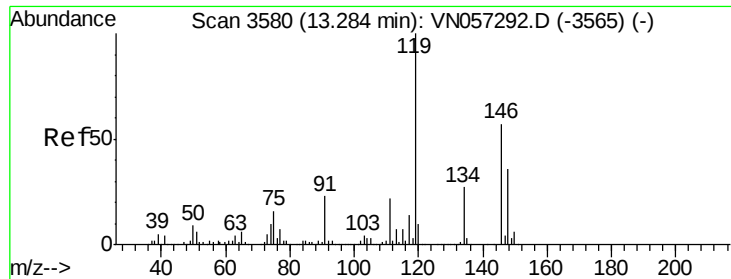


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

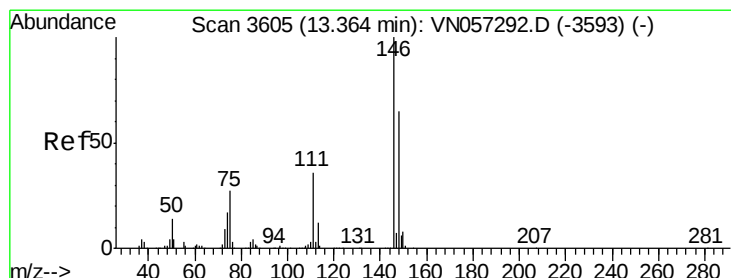
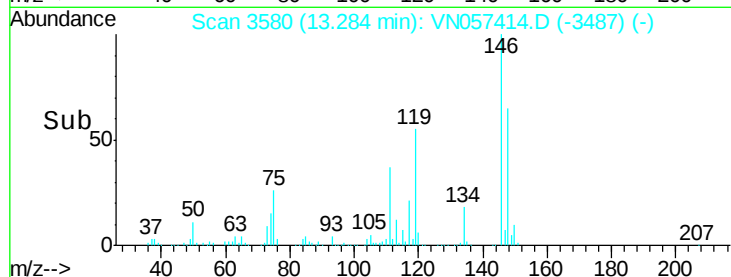
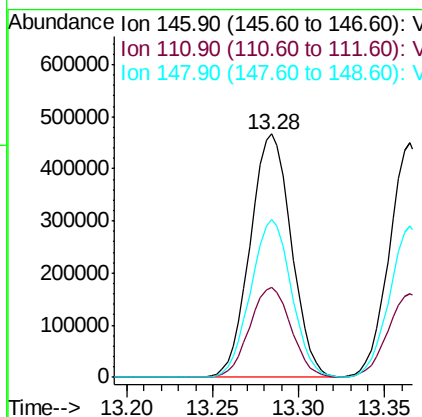
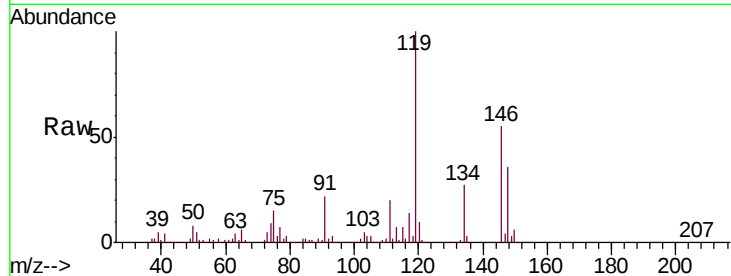




#87
 1,3-Dichlorobenzene
 Concen: 48.838 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN057414.D
 Acq: 19 Aug 2019 21:36

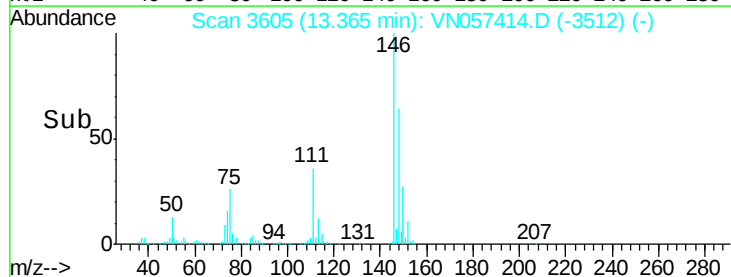
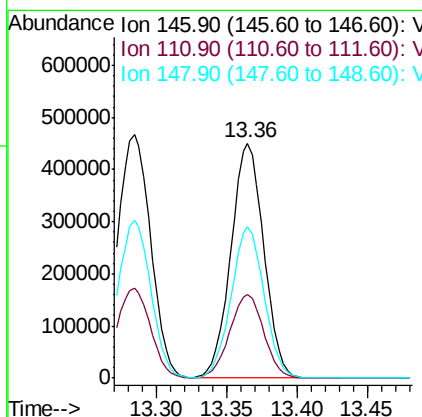
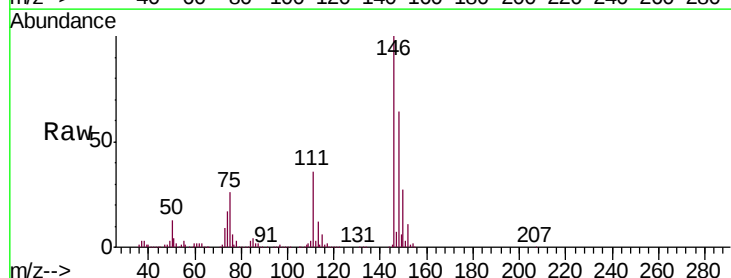
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

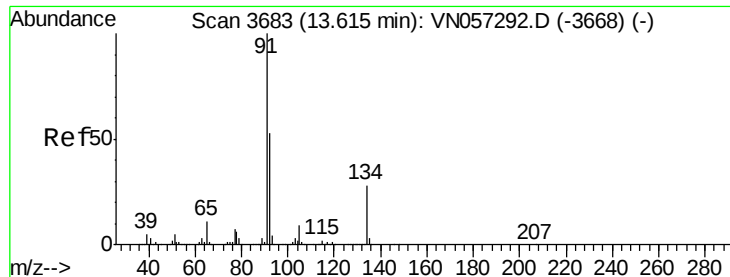
Tgt Ion:146 Resp: 775560
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.7 56.1
 148 64.4 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 48.775 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN057414.D
 Acq: 19 Aug 2019 21:36

Tgt Ion:146 Resp: 735278
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.4 55.4
 148 64.7 32.5 97.4





#89

n-Butylbenzene

Concen: 50.503 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

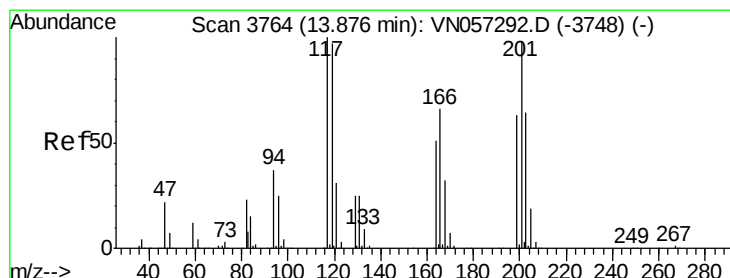
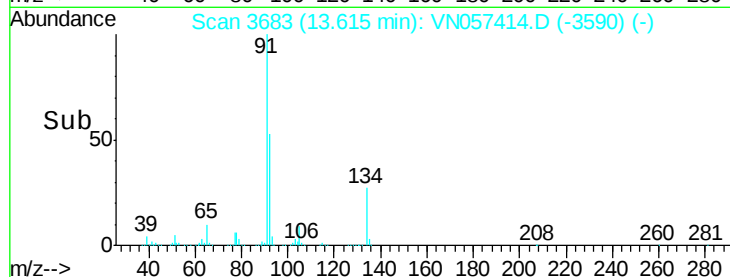
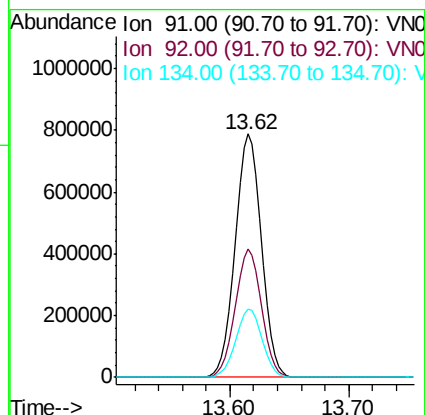
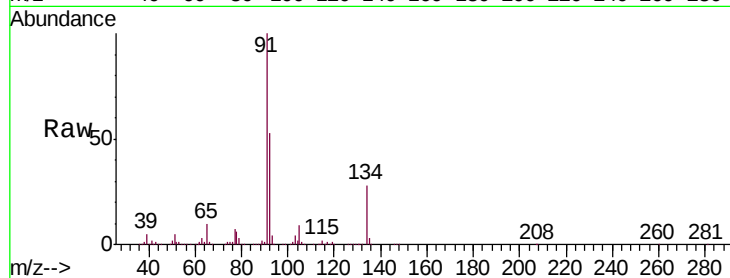
Tgt Ion: 91 Resp: 1203362

Ion Ratio Lower Upper

91 100

92 52.5 26.2 78.6

134 28.1 13.9 41.7



#90

Hexachloroethane

Concen: 54.872 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN057414.D

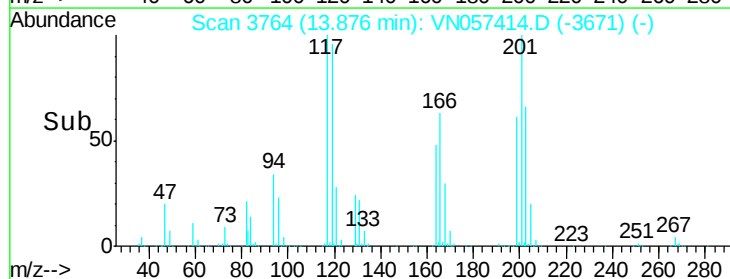
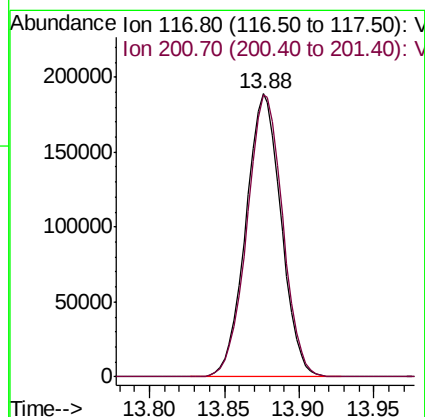
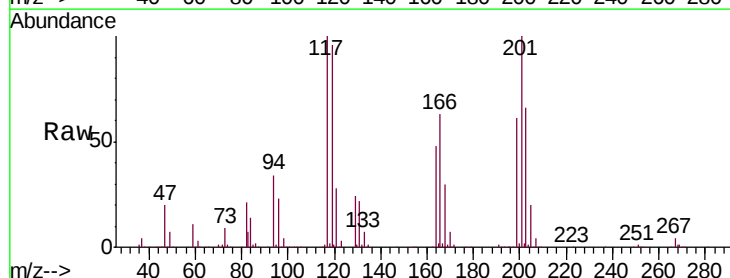
Acq: 19 Aug 2019 21:36

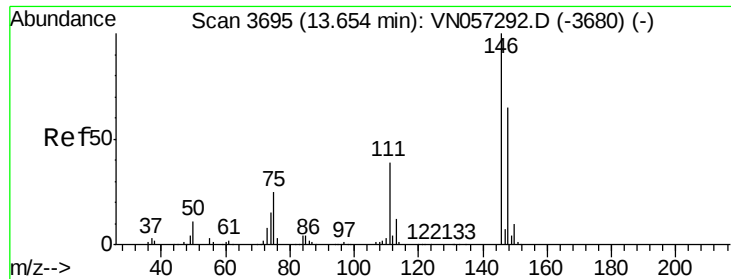
Tgt Ion: 117 Resp: 310632

Ion Ratio Lower Upper

117 100

201 100.5 48.4 145.0





#91

1,2-Dichlorobenzene

Concen: 49.830 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

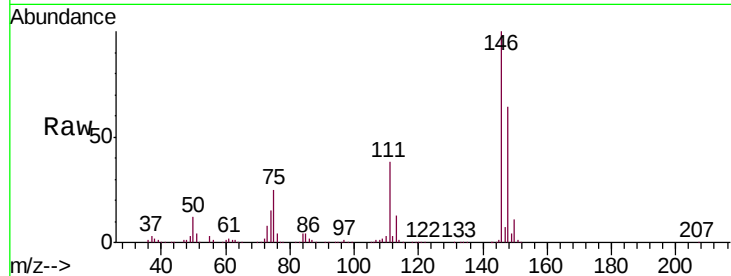
Tgt Ion:146 Resp: 737659

Ion Ratio Lower Upper

146 100

111 38.7 19.7 59.1

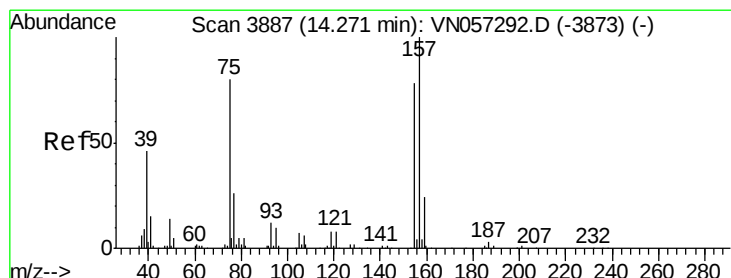
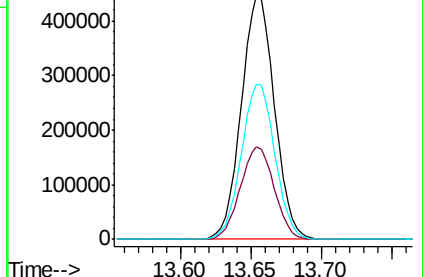
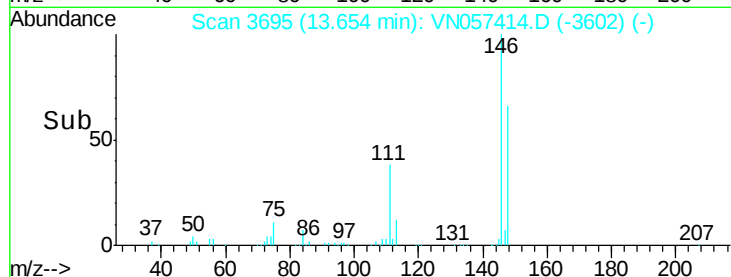
148 64.5 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.354 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

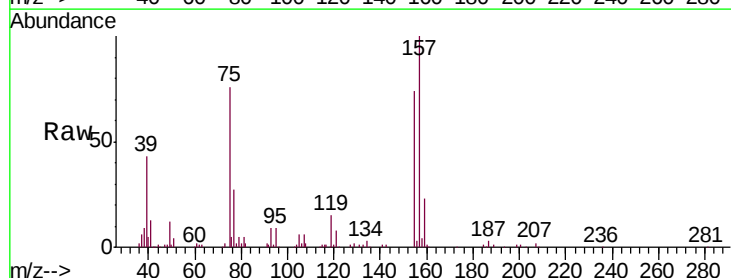
Tgt Ion: 75 Resp: 70071

Ion Ratio Lower Upper

75 100

155 100.4 49.6 148.8

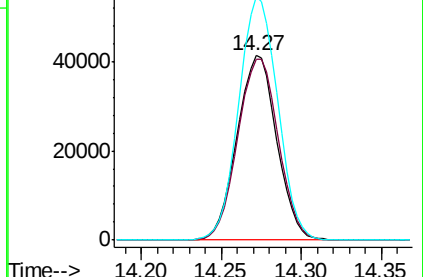
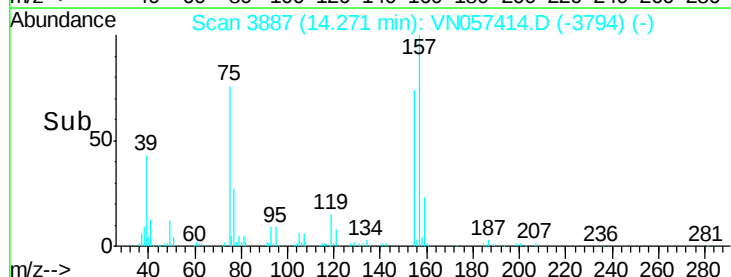
157 129.2 63.7 191.1

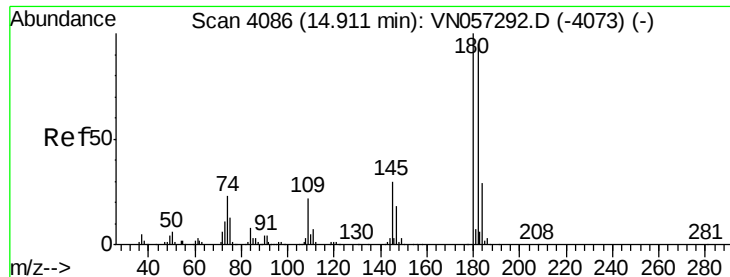


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

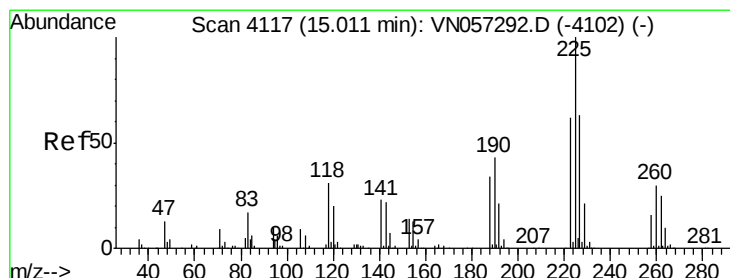
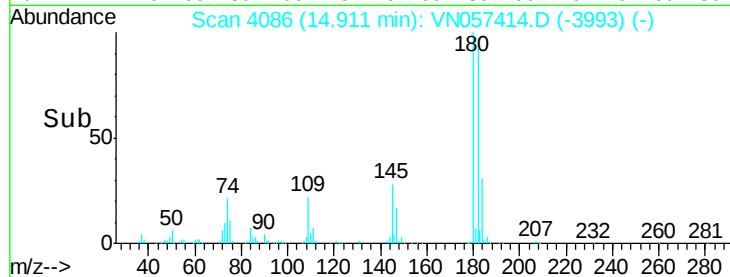
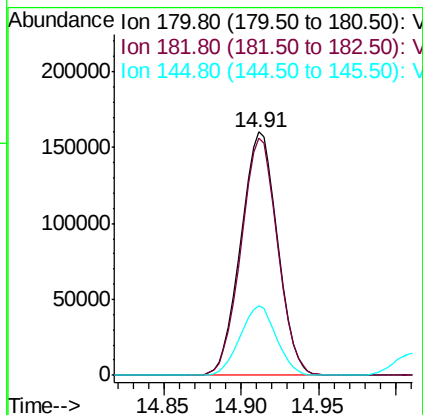
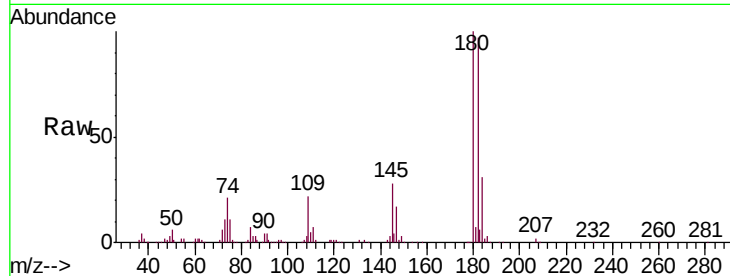




#93
 1,2,4-Trichlorobenzene
 Concen: 45.263 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN057414.D
 Acq: 19 Aug 2019 21:36

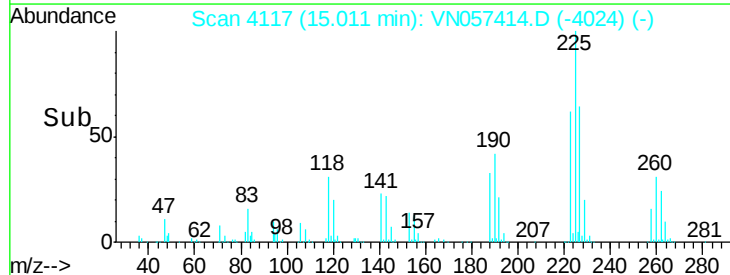
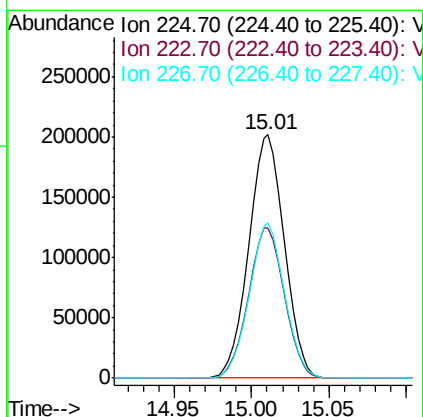
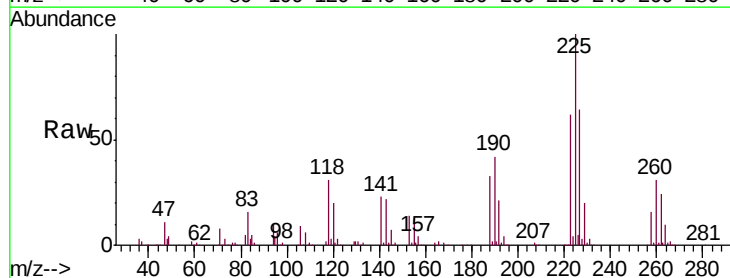
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

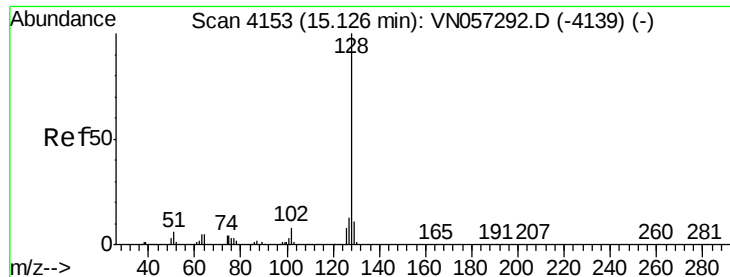
Tgt Ion:180 Resp: 264594
 Ion Ratio Lower Upper
 180 100
 182 96.8 48.0 144.2
 145 28.2 14.5 43.6



#94
 Hexachlorobutadiene
 Concen: 57.687 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN057414.D
 Acq: 19 Aug 2019 21:36

Tgt Ion:225 Resp: 323469
 Ion Ratio Lower Upper
 225 100
 223 62.4 30.7 92.1
 227 63.0 30.9 92.7





#95

Naphthalene

Concen: 54.725 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

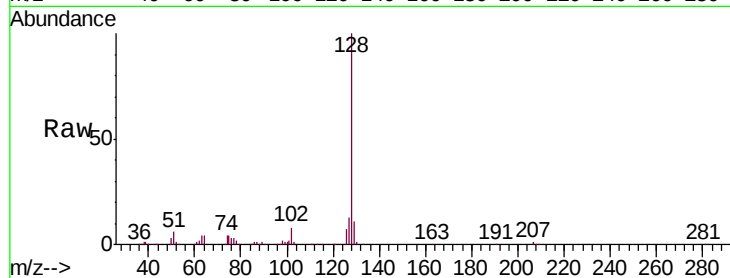
Tgt Ion:128 Resp: 513360

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

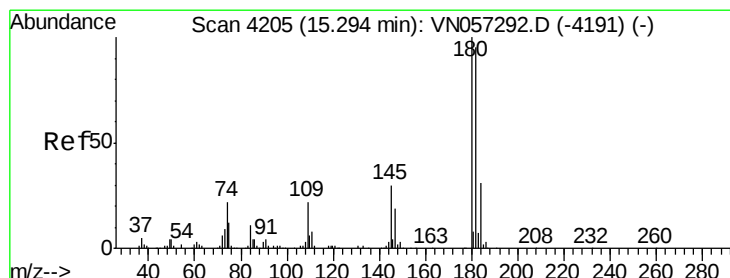
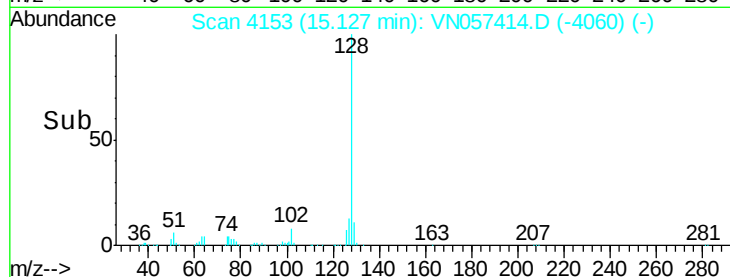
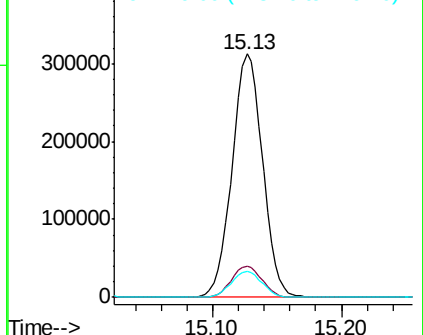
129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 56.954 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. 0.00 min

Lab File: VN057414.D

Acq: 19 Aug 2019 21:36

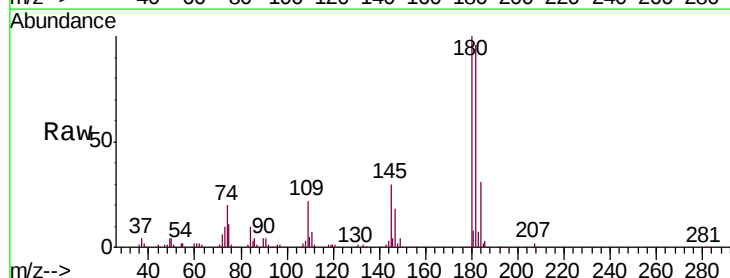
Tgt Ion:180 Resp: 242500

Ion Ratio Lower Upper

180 100

182 96.5 47.9 143.6

145 29.4 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

