

Data File : VN057412.D
Acq On : 19 Aug 2019 19:59
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Aug 20 07:16:14 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	818084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1181805	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1092866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	469604	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	408067	45.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.76%	
35) Dibromofluoromethane	7.58	113	377488	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
50) Toluene-d8	10.08	98	1400665	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.40	95	486887	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.85	85	303611	43.129	ug/l	95
3) Chloromethane	2.05	50	336986	40.556	ug/l	99
4) Vinyl Chloride	2.18	62	327827	41.937	ug/l	99
5) Bromomethane	2.53	94	241482	43.336	ug/l	99
6) Chloroethane	2.69	64	231303	43.016	ug/l	96
7) Trichlorofluoromethane	3.01	101	556425	45.379	ug/l	97
8) Diethyl Ether	3.40	74	204570	44.327	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	333124	46.241	ug/l	99
10) Methyl Iodide	3.95	142	560149	48.645	ug/l	99
11) Tert butyl alcohol	4.76	59	261900	207.144	ug/l	99
12) 1,1-Dichloroethene	3.73	96	324704	45.237	ug/l	98
13) Acrolein	3.60	56	100231	130.588	ug/l	99
14) Allyl chloride	4.31	41	487943	42.409	ug/l	97
15) Acrylonitrile	4.97	53	756375	220.354	ug/l	99
16) Acetone	3.80	43	575101	186.411	ug/l	98
17) Carbon Disulfide	4.05	76	817598	42.280	ug/l	98
18) Methyl Acetate	4.31	43	364634	43.940	ug/l	98
19) Methyl tert-butyl Ether	5.02	73	1039449	46.152	ug/l	99
20) Methylene Chloride	4.54	84	379333	43.945	ug/l	96
21) trans-1,2-Dichloroethene	5.03	96	349453	45.272	ug/l	93
22) Diisopropyl ether	5.93	45	1007229	44.315	ug/l	99
23) Vinyl Acetate	5.88	43	4001124	218.732	ug/l	98
24) 1,1-Dichloroethane	5.83	63	625783	44.751	ug/l	99
25) 2-Butanone	6.82	43	905012	202.573	ug/l	96
26) 2,2-Dichloropropane	6.81	77	501733	44.397	ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	419598	45.917	ug/l	98
28) Bromochloromethane	7.18	49	286458	46.106	ug/l #	93
29) Tetrahydrofuran	7.19	42	581904	205.815	ug/l	97
30) Chloroform	7.36	83	659697	45.018	ug/l	100
31) Cyclohexane	7.64	56	504171	41.605	ug/l	96
32) 1,1,1-Trichloroethane	7.56	97	586201	47.560	ug/l	98
36) 1,1-Dichloropropene	7.78	75	472848	45.315	ug/l	99
37) Ethyl Acetate	6.91	43	378359	44.271	ug/l	98
38) Carbon Tetrachloride	7.76	117	531973	49.068	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	545236	44.750	ug/l	99
40) Benzene	8.03	78	1475141	46.220	ug/l	99
41) Methacrylonitrile	7.19	41	538640	139.953	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	496699	47.022	ug/l	100
43) Isopropyl Acetate	8.15	43	784537	50.201	ug/l	97
44) Trichloroethene	8.83	130	433584	48.322	ug/l	99
45) 1,2-Dichloropropane	9.11	63	381569	46.383	ug/l	99
46) Dibromomethane	9.20	93	255942	46.636	ug/l	95
47) Bromodichloromethane	9.40	83	528907	48.641	ug/l	99
48) Methyl methacrylate	9.19	41	311353	44.241	ug/l	95
49) 1,4-Dioxane	9.19	88	134124	906.241	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1924344	218.258	ug/l	99
52) Toluene	10.15	92	951347	47.891	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	563563	47.914	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	619927	47.797	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	384708	49.250	ug/l	96
56) Ethyl methacrylate	10.42	69	544780	47.790	ug/l	98
57) 1,3-Dichloropropane	10.70	76	609942	46.741	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	589004	179.361	ug/l	98
59) 2-Hexanone	10.75	43	1367035	215.667	ug/l	98
60) Dibromochloromethane	10.90	129	446181	50.971	ug/l	99
61) 1,2-Dibromoethane	11.00	107	396971	47.707	ug/l	99
64) Tetrachloroethene	10.63	164	451258	47.764	ug/l	98
65) Chlorobenzene	11.43	112	1069807	47.996	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	422755	49.524	ug/l	100
67) Ethyl Benzene	11.51	91	1837742	47.126	ug/l	99
68) m/p-Xylenes	11.62	106	1400701	97.489	ug/l	99
69) o-Xylene	11.95	106	691073	48.987	ug/l	98
70) Styrene	11.96	104	1137395	50.579	ug/l	99
71) Bromoform	12.13	173	344527	51.159	ug/l #	99
73) Isopropylbenzene	12.25	105	1840230	49.226	ug/l	99
74) N-amyl acetate	12.07	43	530883	38.958	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	502580	47.965	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	625334	68.303	ug/l #	100
77) Bromobenzene	12.53	156	497051	49.353	ug/l	95
78) n-propylbenzene	12.59	91	1974380	43.660	ug/l	100
79) 2-Chlorotoluene	12.67	91	1197642	48.365	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1557863	49.200	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	162887	42.295	ug/l	97
82) 4-Chlorotoluene	12.77	91	1168101	43.590	ug/l	98
83) tert-Butylbenzene	12.99	119	1380925	49.696	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1492544	44.127	ug/l	98
85) sec-Butylbenzene	13.17	105	1720668	48.385	ug/l	99
86) p-Isopropyltoluene	13.29	119	1573924	45.450	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	759956	46.188	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	707385	45.291	ug/l	100
89) n-Butylbenzene	13.62	91	1177622	47.701	ug/l	99
90) Hexachloroethane	13.88	117	290080	49.215	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	715226	46.631	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	65846	39.320	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081919\
Quantitation Report (Not Reviewed)

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QLast Update : Thu Aug 15 11:33:14 2019
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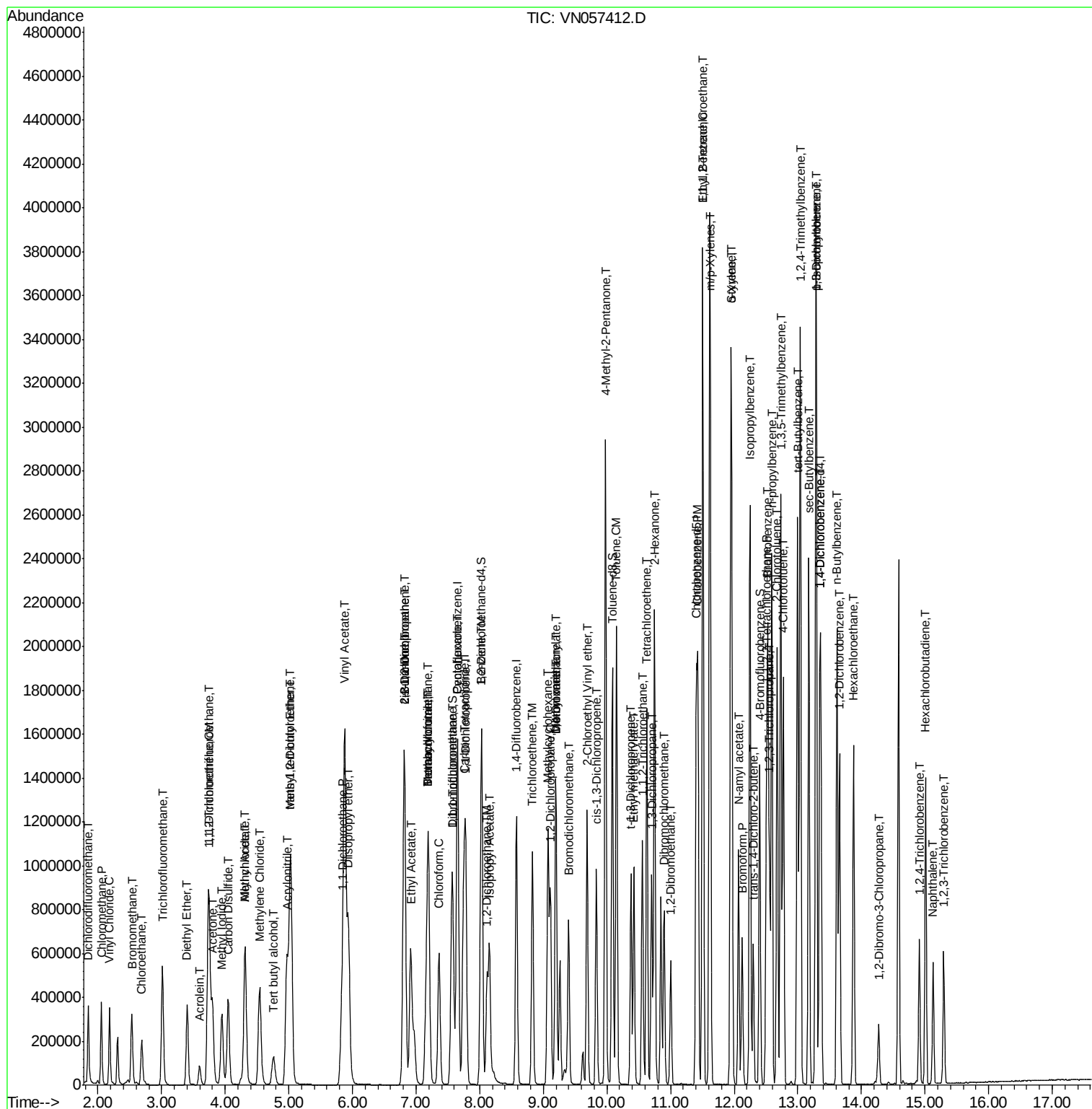
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	234276	39.459	ug/l	98
94) Hexachlorobutadiene	15.01	225	312083	53.375	ug/l	99
95) Naphthalene	15.13	128	471919	50.245	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	215090	50.488	ug/l	99

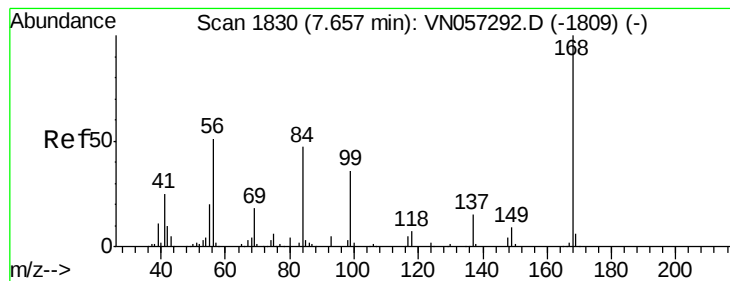
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

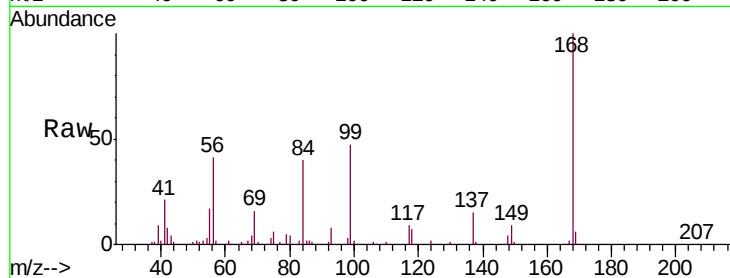
VSTDCCC050EC

Tgt Ion:168 Resp: 818084

Ion Ratio Lower Upper

168 100

99 46.9 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

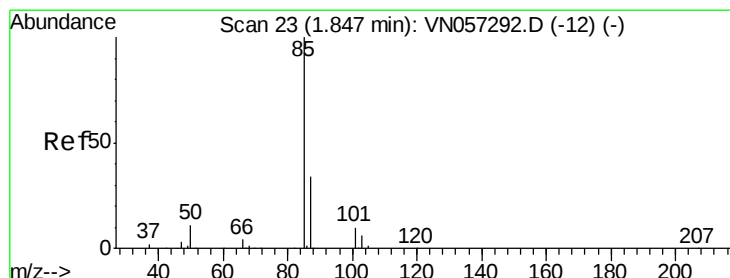
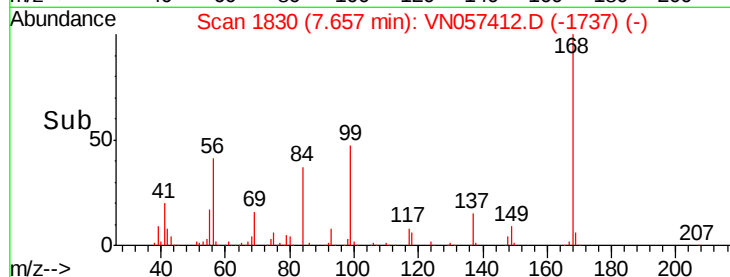
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 43.129 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN057412.D

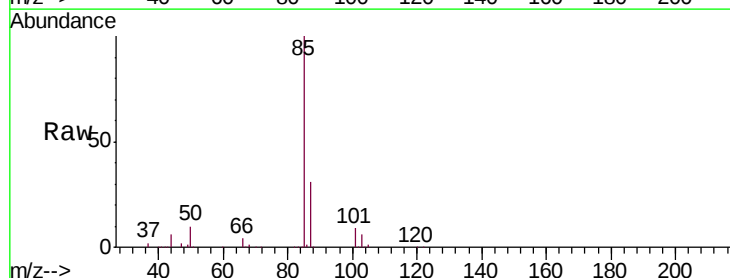
Acq: 19 Aug 2019 19:59

Tgt Ion: 85 Resp: 303611

Ion Ratio Lower Upper

85 100

87 30.9 16.9 50.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

200000

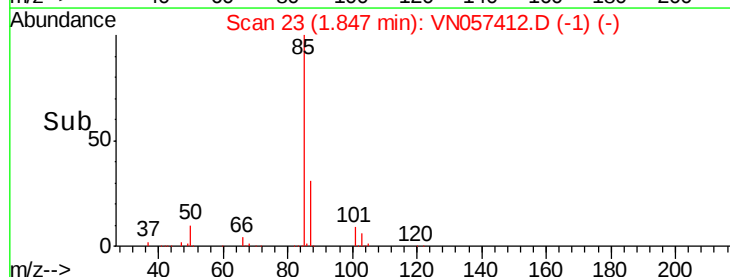
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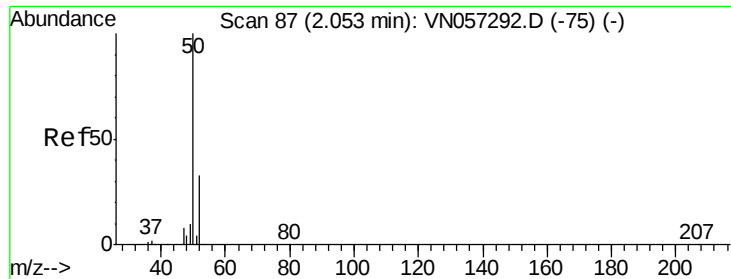
100000

50000

0

Time-->





#3

Chloromethane

Concen: 40.556 ug/l

RT: 2.05 min Scan# 87

Delta R.T. 0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

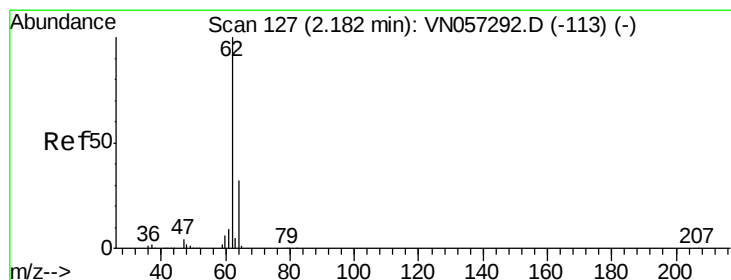
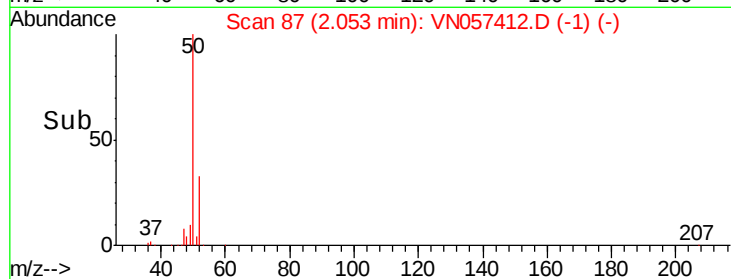
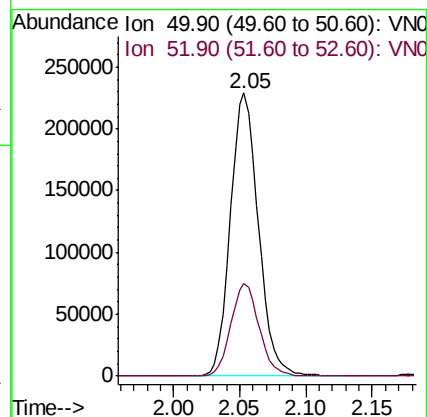
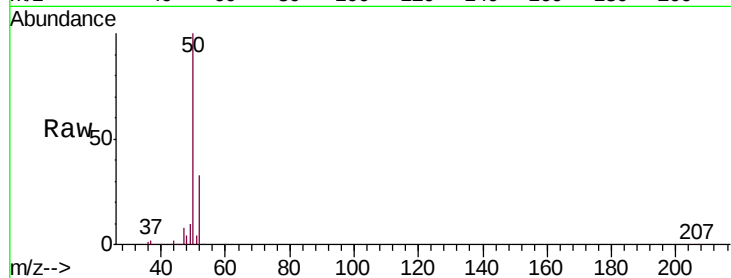
VSTDCCC050EC

Tgt Ion: 50 Resp: 336986

Ion Ratio Lower Upper

50 100

52 32.9 26.8 40.2



#4

Vinyl Chloride

Concen: 41.937 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN057412.D

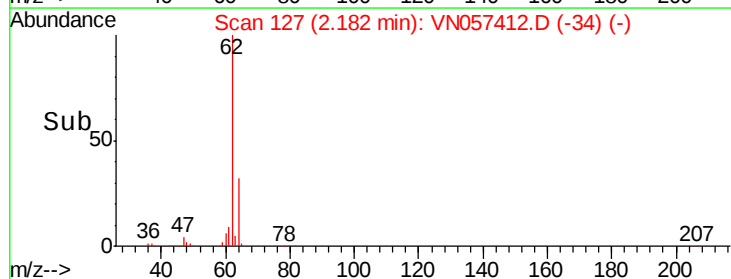
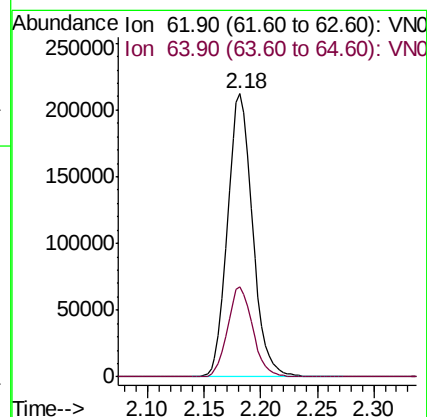
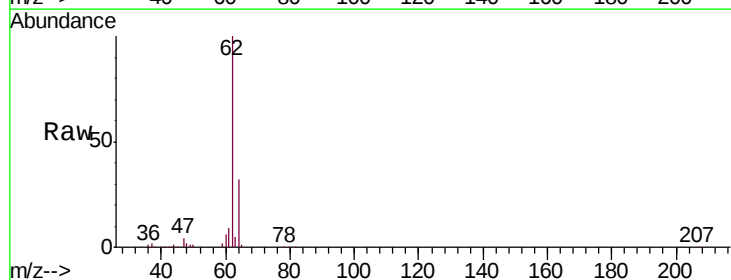
Acq: 19 Aug 2019 19:59

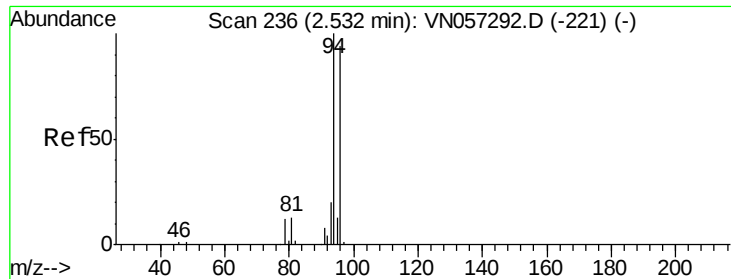
Tgt Ion: 62 Resp: 327827

Ion Ratio Lower Upper

62 100

64 31.6 25.9 38.9





#5

Bromomethane

Concen: 43.336 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

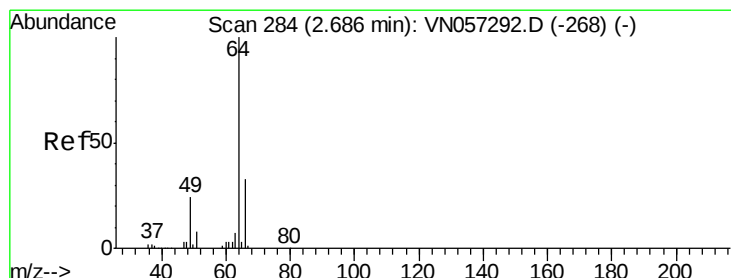
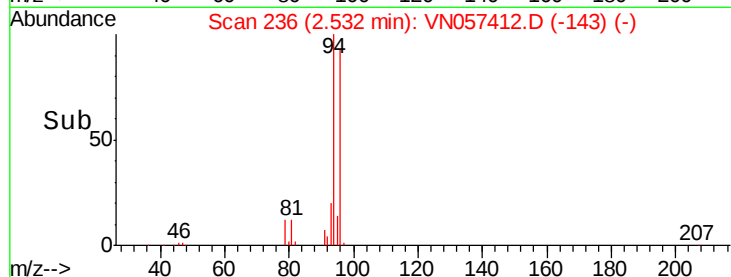
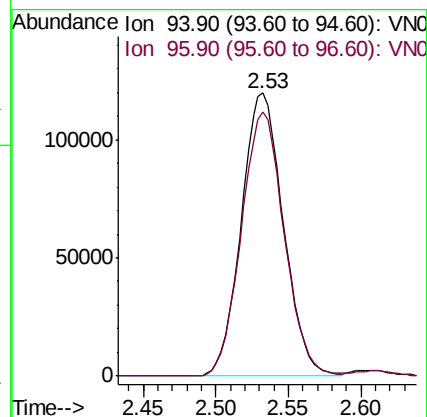
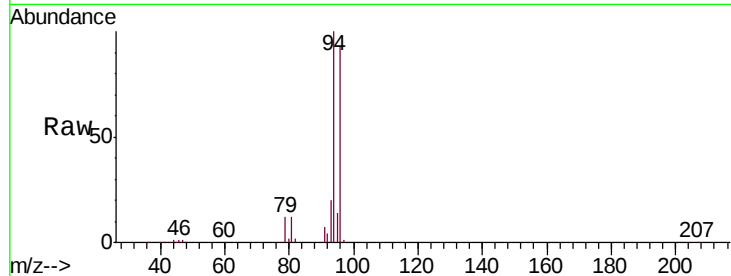
VSTDCCC050EC

Tgt Ion: 94 Resp: 241482

Ion Ratio Lower Upper

94 100

96 93.0 75.0 112.6



#6

Chloroethane

Concen: 43.016 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN057412.D

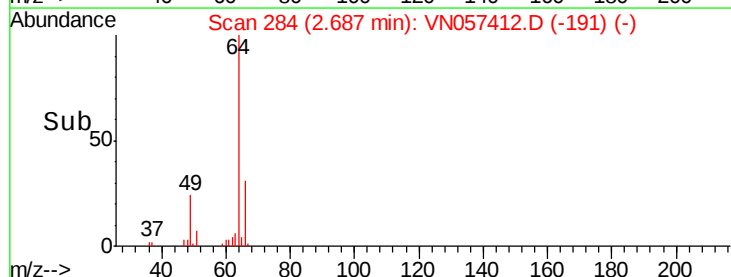
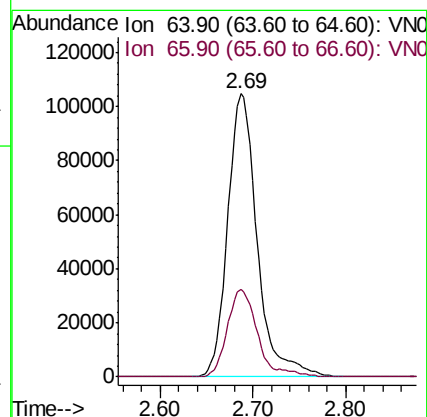
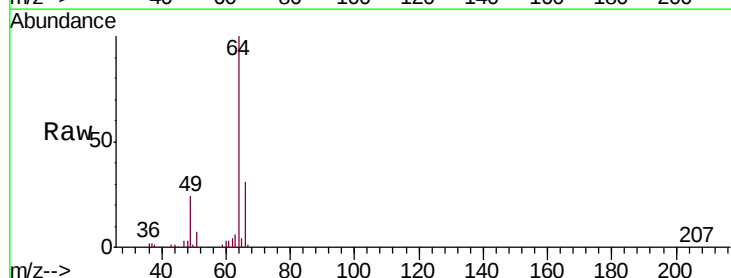
Acq: 19 Aug 2019 19:59

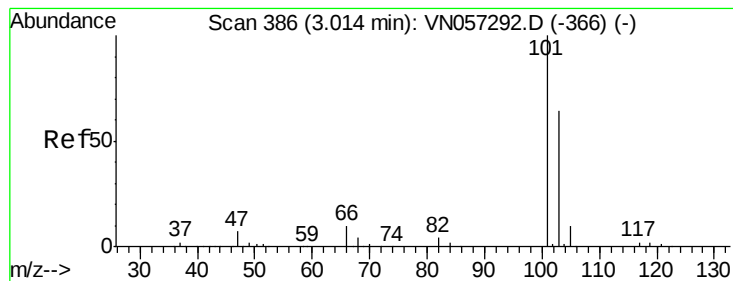
Tgt Ion: 64 Resp: 231303

Ion Ratio Lower Upper

64 100

66 31.0 26.4 39.6



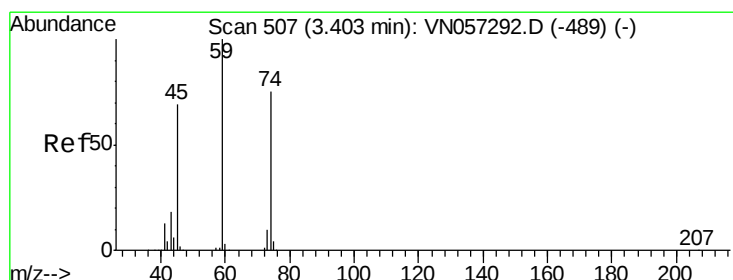
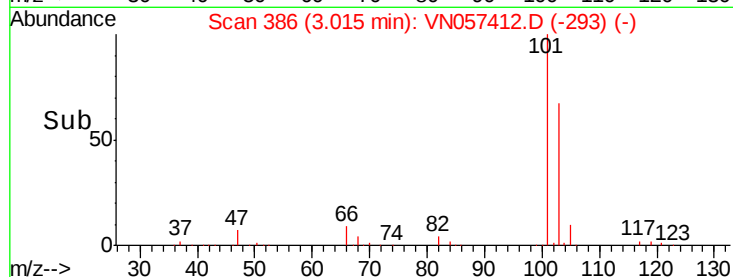
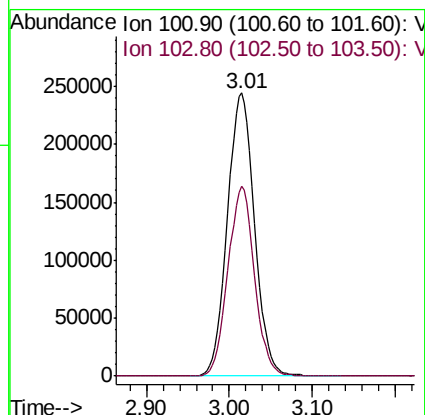
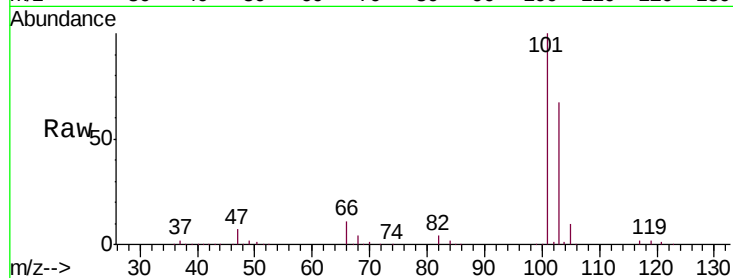


#7

Trichlorofluoromethane
 Concen: 45.379 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. 0.00 min
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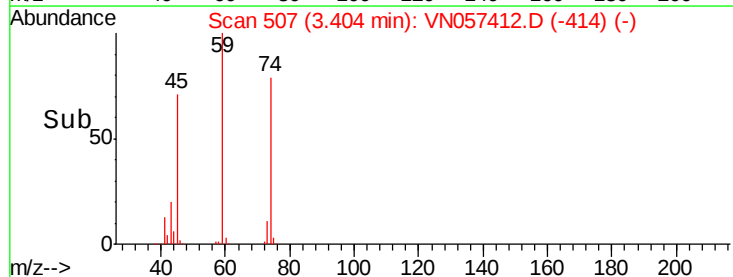
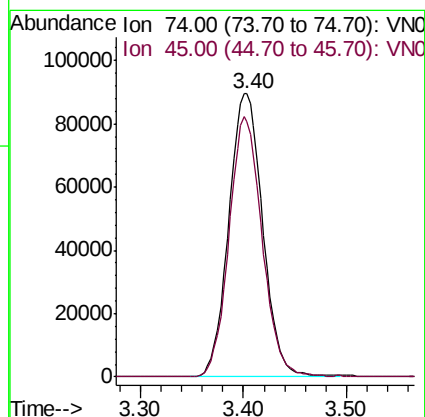
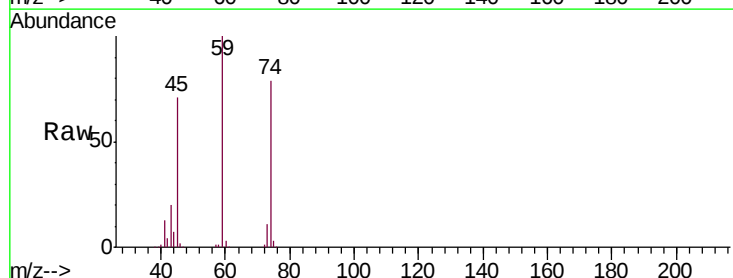
Tgt Ion:101 Resp: 556425
 Ion Ratio Lower Upper
 101 100
 103 67.1 51.5 77.3

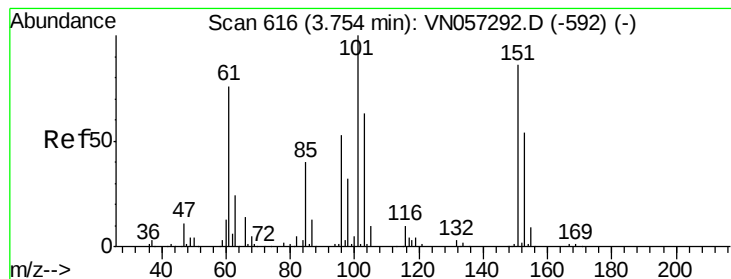


#8

Diethyl Ether
 Concen: 44.327 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: VN057412.D
 Acq: 19 Aug 2019 19:59

Tgt Ion: 74 Resp: 204570
 Ion Ratio Lower Upper
 74 100
 45 89.1 45.9 137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.241 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

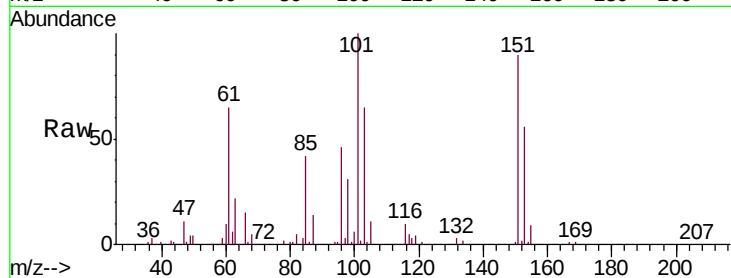
Tgt Ion:101 Resp: 333124

Ion Ratio Lower Upper

101 100

85 40.9 32.7 49.1

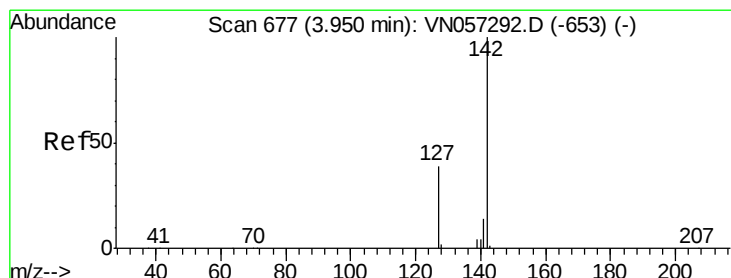
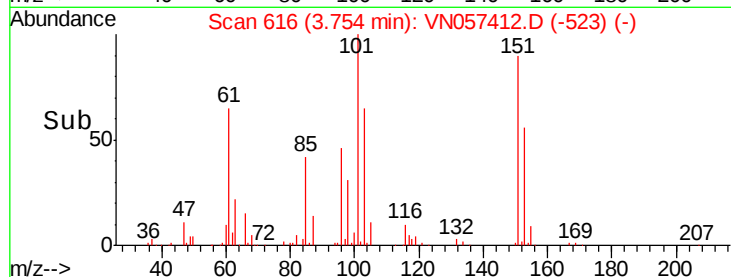
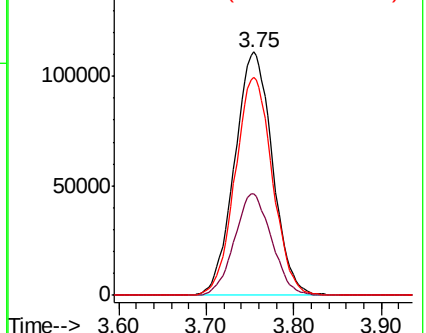
151 88.3 69.1 103.7



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: 48.645 ug/l

RT: 3.95 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

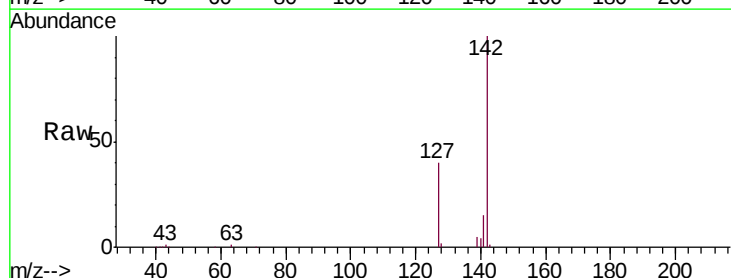
Tgt Ion:142 Resp: 560149

Ion Ratio Lower Upper

142 100

127 40.0 31.6 47.4

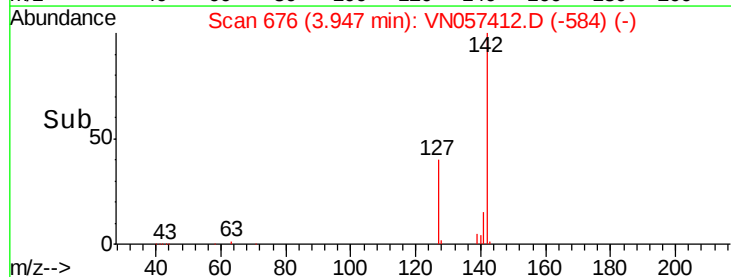
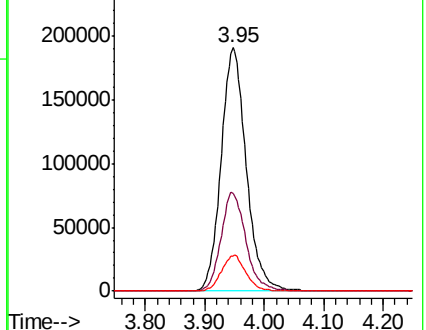
141 14.3 11.2 16.8

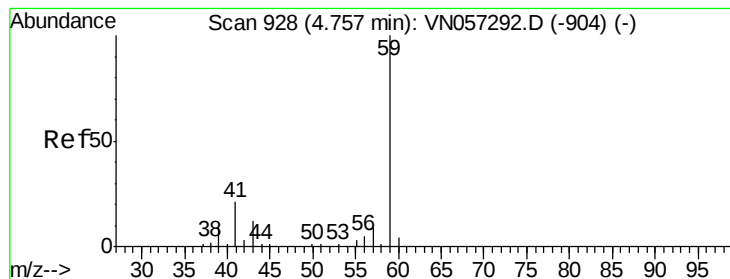


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



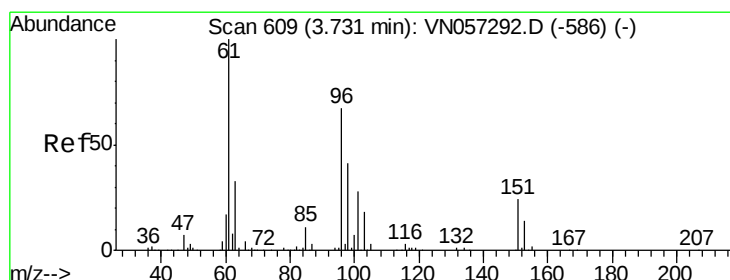
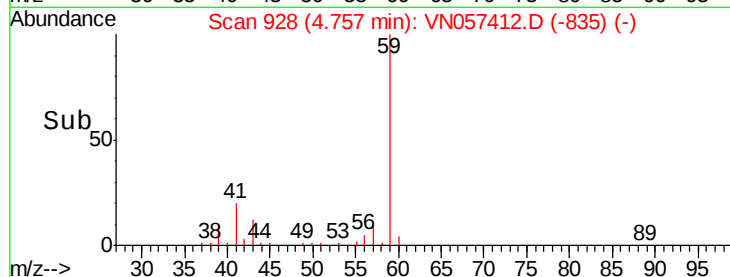
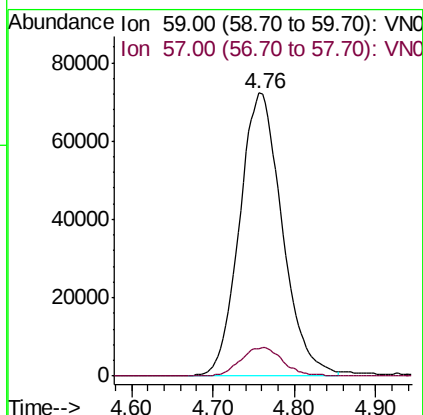
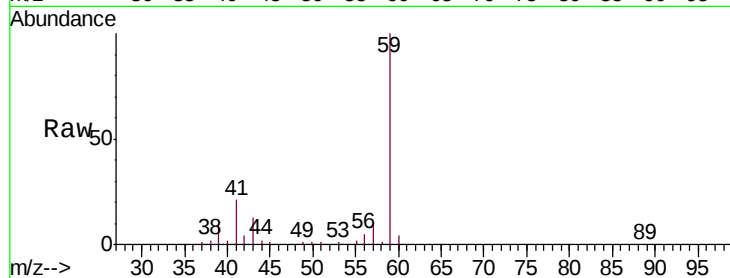


#11

Tert butyl alcohol
 Concen: 207.144 ug/l
 RT: 4.76 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: VN057412.D
 Acq: 19 Aug 2019 19:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

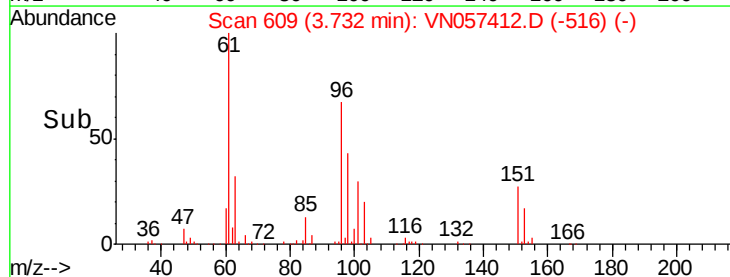
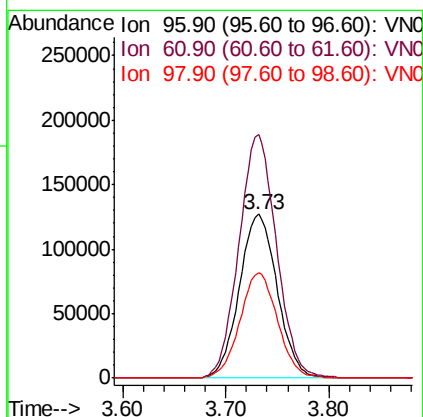
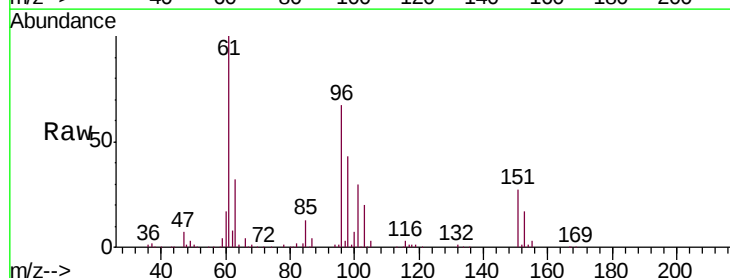
Tgt Ion: 59 Resp: 261900
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.2

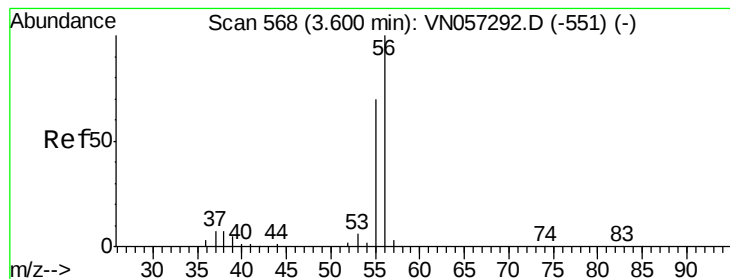


#12

1,1-Dichloroethene
 Concen: 45.237 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN057412.D
 Acq: 19 Aug 2019 19:59

Tgt Ion: 96 Resp: 324704
 Ion Ratio Lower Upper
 96 100
 61 148.8 119.7 179.5
 98 64.3 49.0 73.4





#13

Acrolein

Concen: 130.588 ug/l

RT: 3.60 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

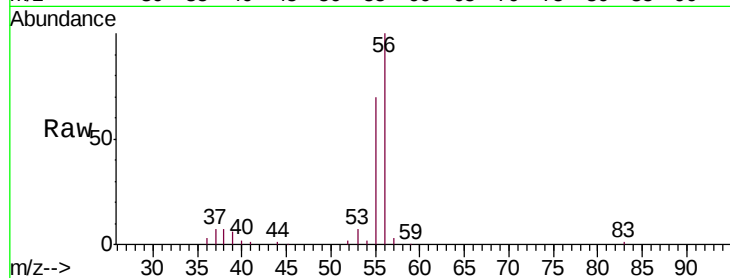
VSTDCCC050EC

Tgt Ion: 56 Resp: 100231

Ion Ratio Lower Upper

56 100

55 71.3 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VN057412.D (-551) (-)

Ion 55.00 (54.70 to 55.70): VN057412.D (-551) (-)

3.60

40000

30000

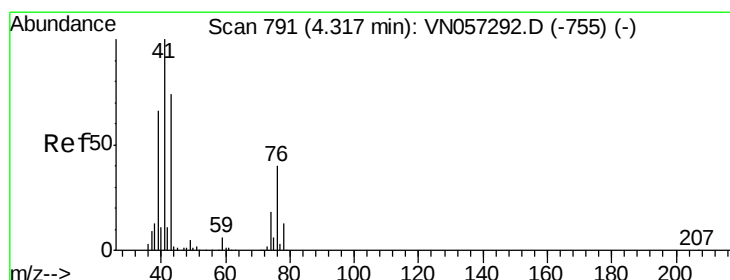
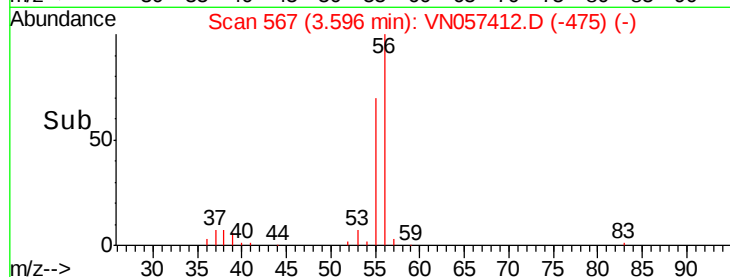
20000

10000

0

Time-->

3.50 3.55 3.60 3.65 3.70



#14

Allyl chloride

Concen: 42.409 ug/l

RT: 4.31 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

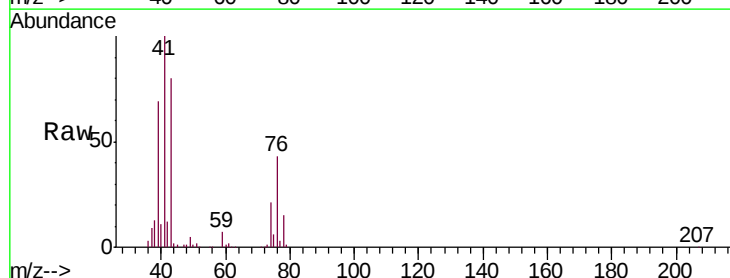
Tgt Ion: 41 Resp: 487943

Ion Ratio Lower Upper

41 100

39 63.6 49.0 73.6

76 38.2 29.0 43.4



Abundance Ion 41.00 (40.70 to 41.70): VN057412.D (-755) (-)

Ion 39.00 (38.70 to 39.70): VN057412.D (-755) (-)

Ion 75.90 (75.60 to 76.60): VN057412.D (-755) (-)

4.31

200000

150000

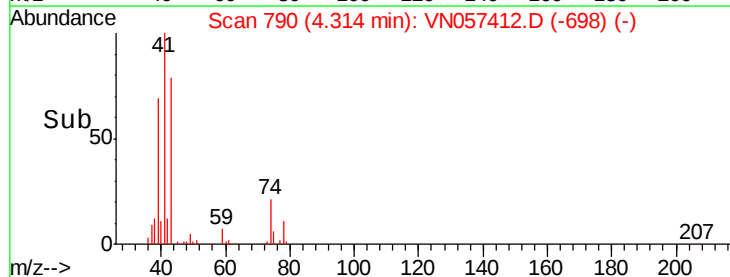
100000

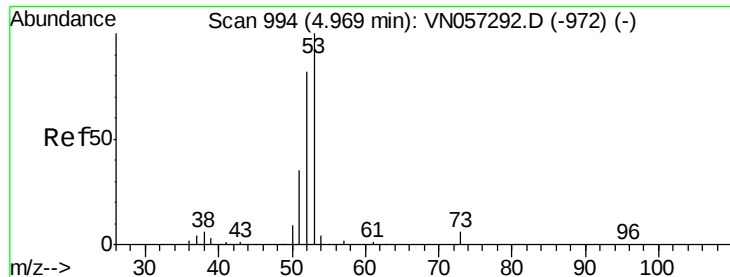
50000

0

Time-->

4.10 4.20 4.30 4.40 4.50





#15

Acrylonitrile

Concen: 220.354 ug/l

RT: 4.97 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

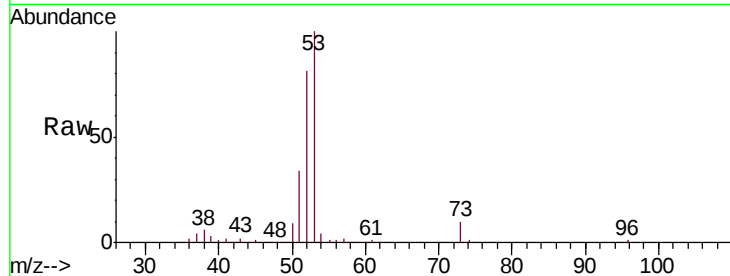
Tgt Ion: 53 Resp: 756375

Ion Ratio Lower Upper

53 100

52 81.6 66.2 99.2

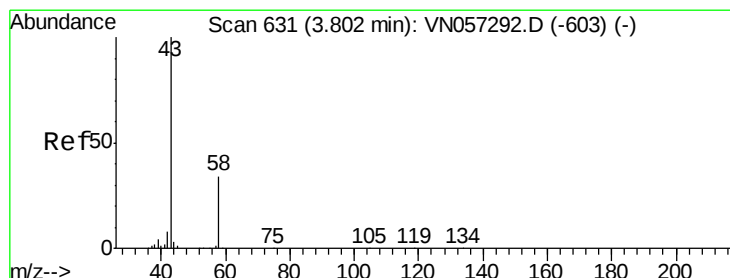
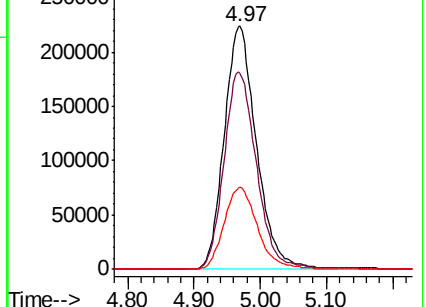
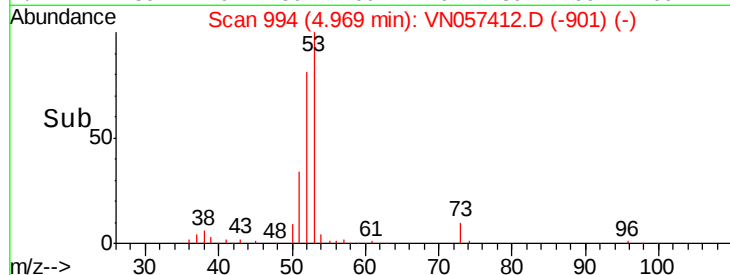
51 35.2 28.5 42.7



Abundance Ion 53.00 (52.70 to 53.70): VN057412.D (-901) (-)

Ion 52.00 (51.70 to 52.70): VN057412.D (-901) (-)

Ion 51.00 (50.70 to 51.70): VN057412.D (-901) (-)



#16

Acetone

Concen: 186.411 ug/l

RT: 3.80 min Scan# 630

Delta R.T. -0.00 min

Lab File: VN057412.D

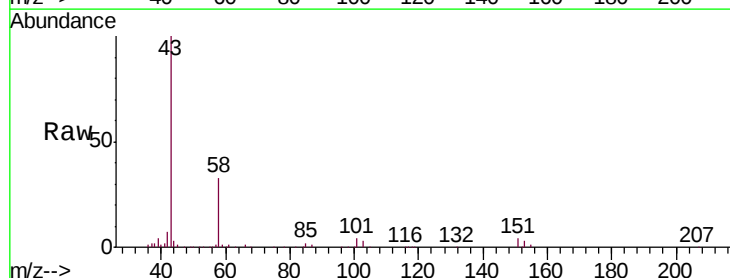
Acq: 19 Aug 2019 19:59

Tgt Ion: 43 Resp: 575101

Ion Ratio Lower Upper

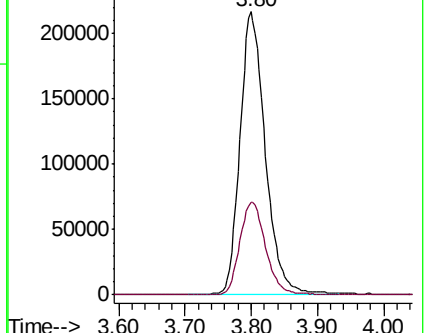
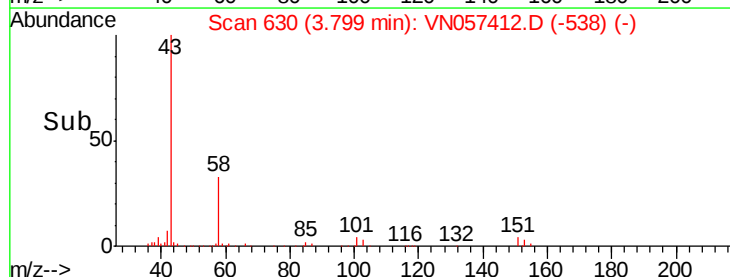
43 100

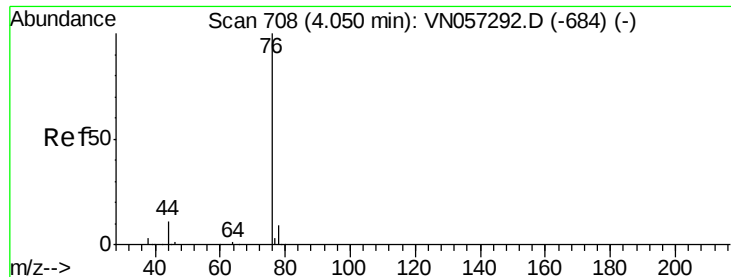
58 32.7 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VN057412.D (-538) (-)

Ion 58.00 (57.70 to 58.70): VN057412.D (-538) (-)

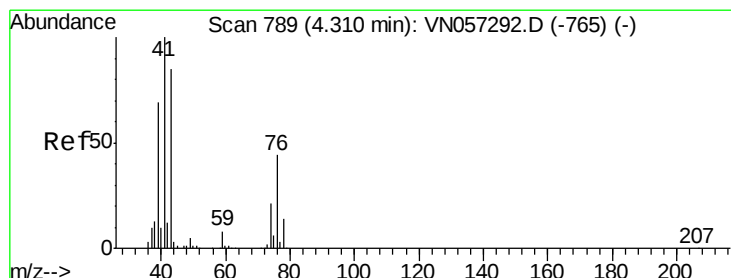
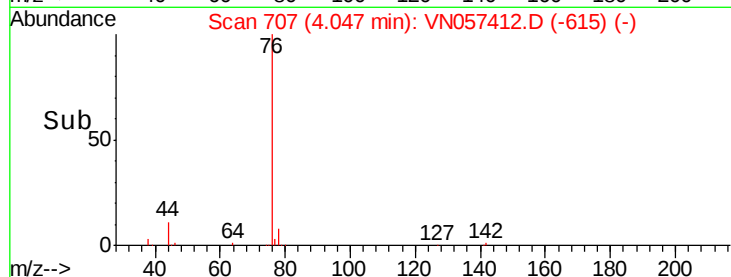
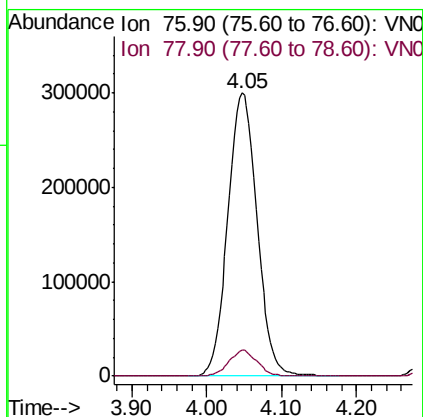
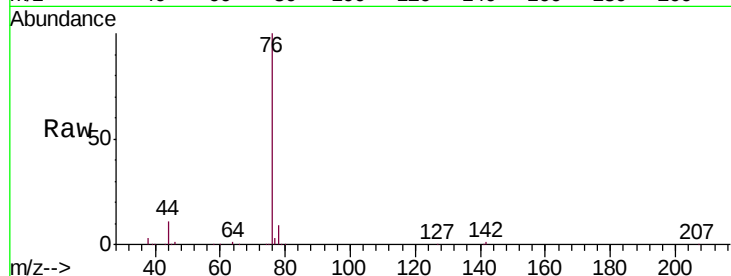




#17
Carbon Disulfide
Concen: 42.280 ug/l
RT: 4.05 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN057412.D
Acq: 19 Aug 2019 19:59

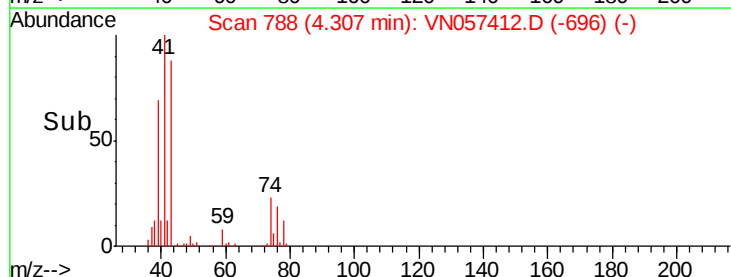
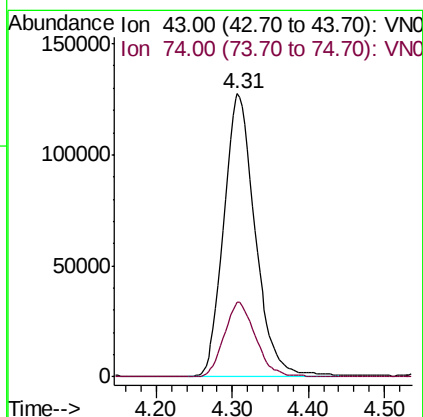
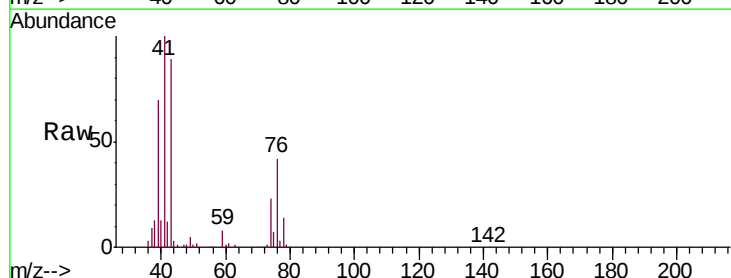
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

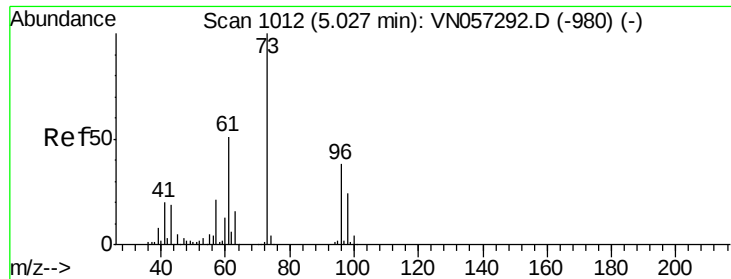
Tgt Ion: 76 Resp: 817598
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6



#18
Methyl Acetate
Concen: 43.940 ug/l
RT: 4.31 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN057412.D
Acq: 19 Aug 2019 19:59

Tgt Ion: 43 Resp: 364634
Ion Ratio Lower Upper
43 100
74 26.3 20.2 30.2

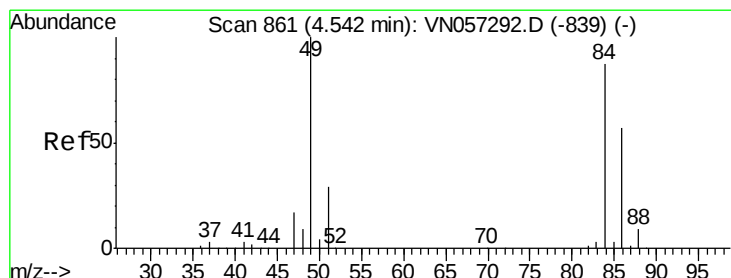
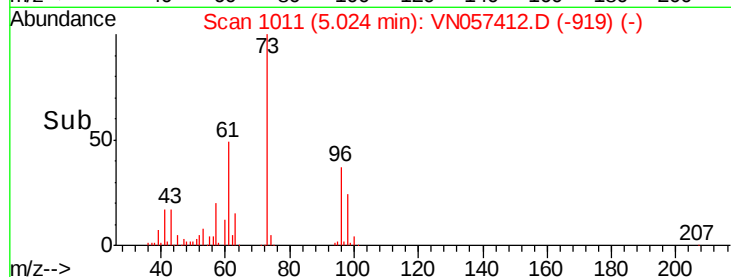
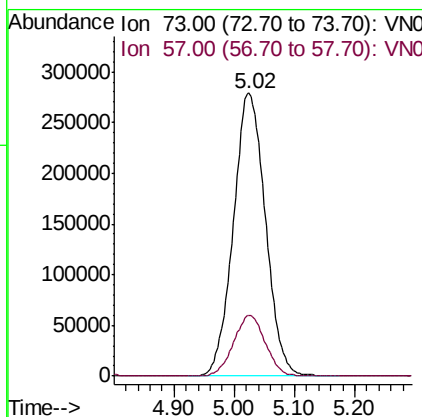
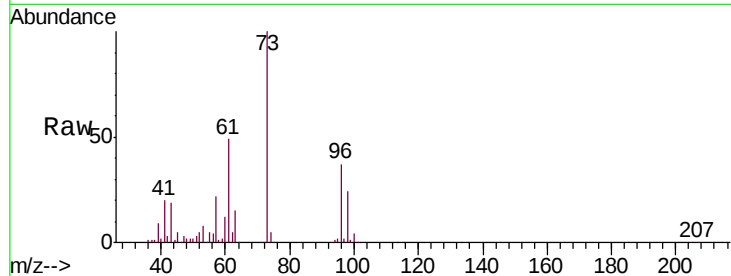




#19
Methyl tert-butyl Ether
Concen: 46.152 ug/l
RT: 5.02 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN057412.D
Acq: 19 Aug 2019 19:59

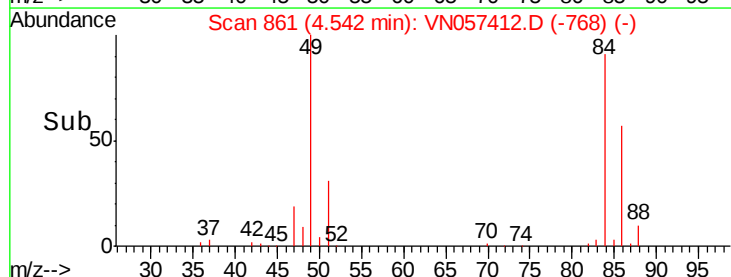
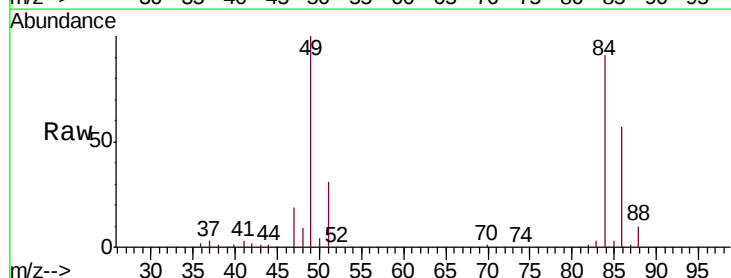
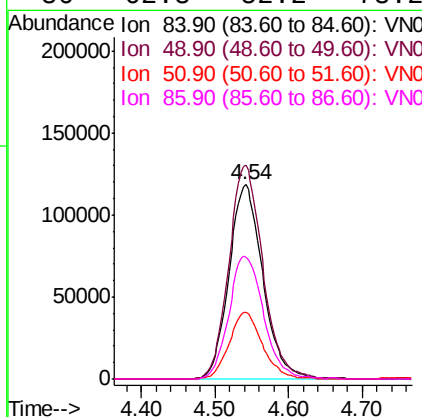
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

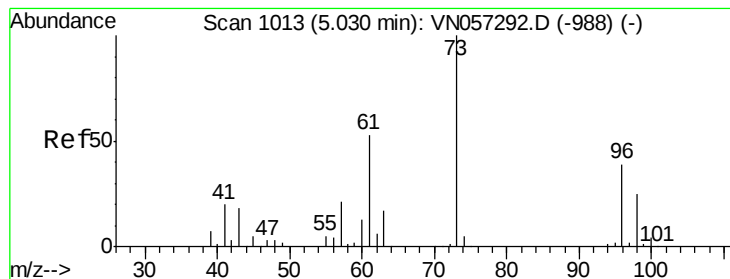
Tgt Ion: 73 Resp: 1039449
Ion Ratio Lower Upper
73 100
57 21.6 16.9 25.3



#20
Methylene Chloride
Concen: 43.945 ug/l
RT: 4.54 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN057412.D
Acq: 19 Aug 2019 19:59

Tgt Ion: 84 Resp: 379333
Ion Ratio Lower Upper
84 100
49 109.8 92.0 138.0
51 34.3 27.1 40.7
86 62.8 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 45.272 ug/l

RT: 5.03 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

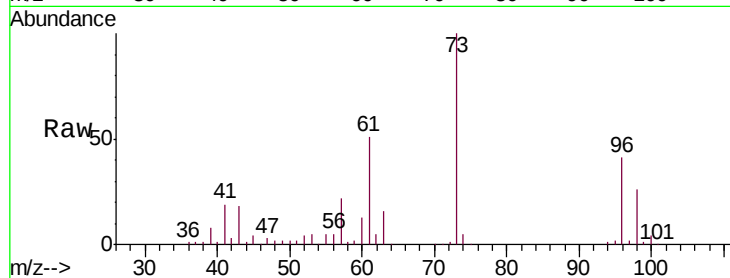
Tgt Ion: 96 Resp: 349453

Ion Ratio Lower Upper

96 100

61 125.4 109.5 164.3

98 62.5 51.0 76.6

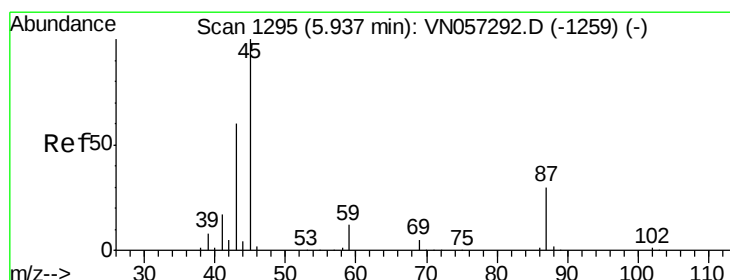
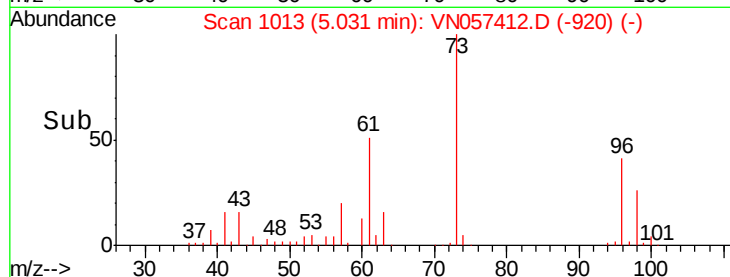
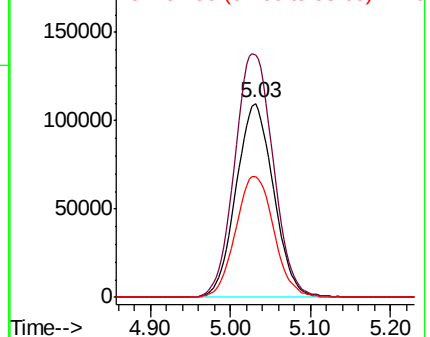


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 44.315 ug/l

RT: 5.93 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

Tgt Ion: 45 Resp: 1007229

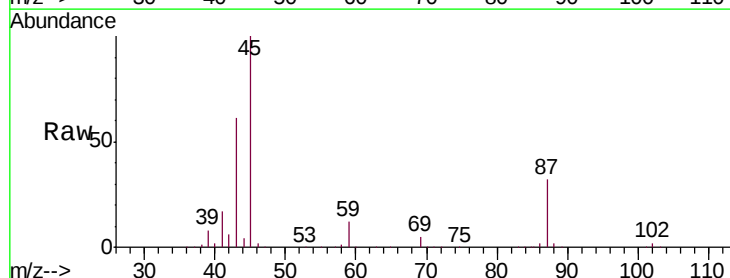
Ion Ratio Lower Upper

45 100

43 59.4 48.3 72.5

87 31.7 24.6 36.8

59 11.7 9.8 14.8



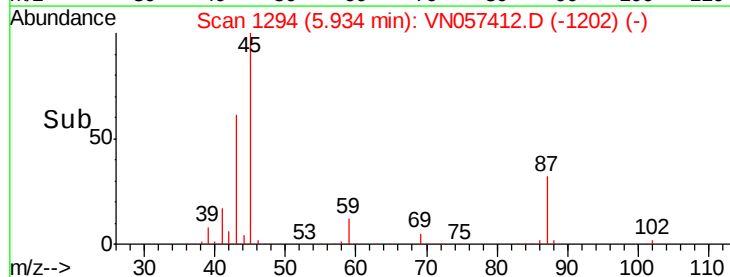
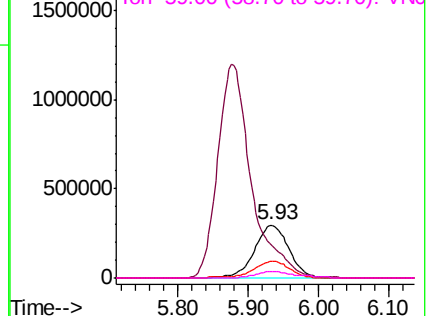
Abundance

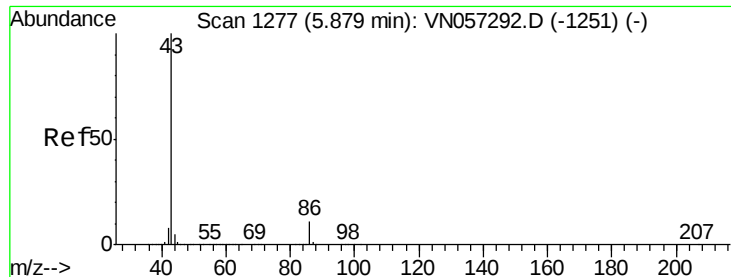
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 218.732 ug/l

RT: 5.88 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

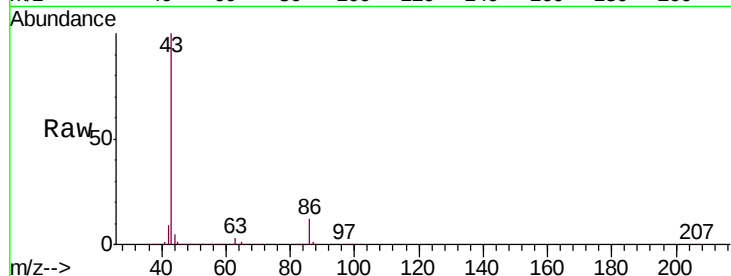
VSTDCCC050EC

Tgt Ion: 43 Resp: 4001124

Ion Ratio Lower Upper

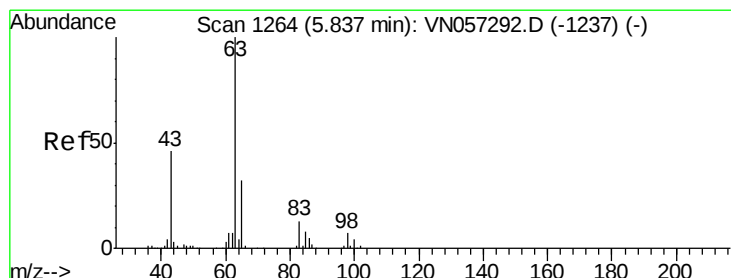
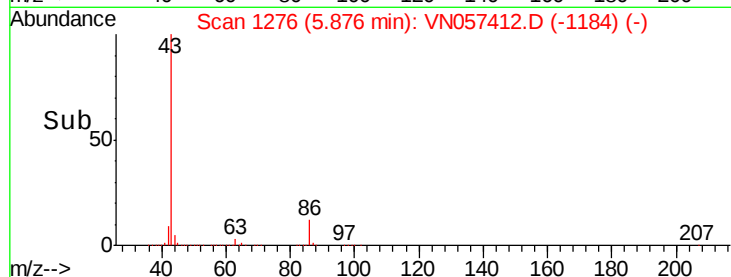
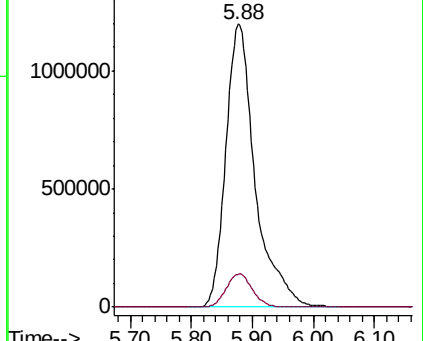
43 100

86 11.7 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VN057412.D (-1184) (-)

Ion 86.00 (85.70 to 86.70): VN057412.D (-1184) (-)



#24

1,1-Dichloroethane

Concen: 44.751 ug/l

RT: 5.83 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

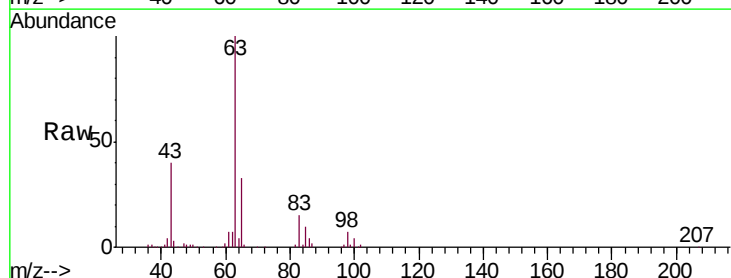
Tgt Ion: 63 Resp: 625783

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.9

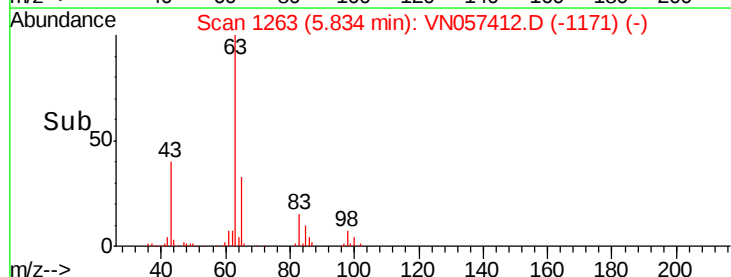
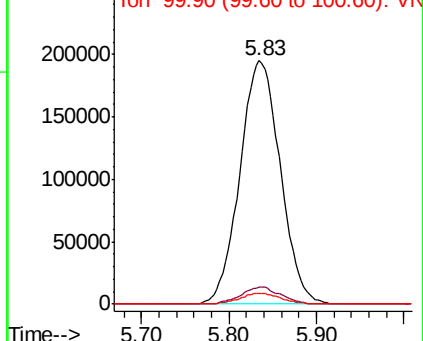
100 4.4 2.1 6.5

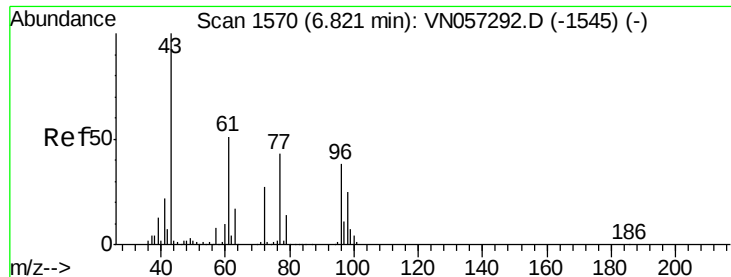


Abundance Ion 62.90 (62.60 to 63.60): VN057412.D (-1171) (-)

Ion 97.90 (97.60 to 98.60): VN057412.D (-1171) (-)

Ion 99.90 (99.60 to 100.60): VN057412.D (-1171) (-)





#25

2-Butanone

Concen: 202.573 ug/l

RT: 6.82 min Scan# 1568

Delta R.T. -0.01 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

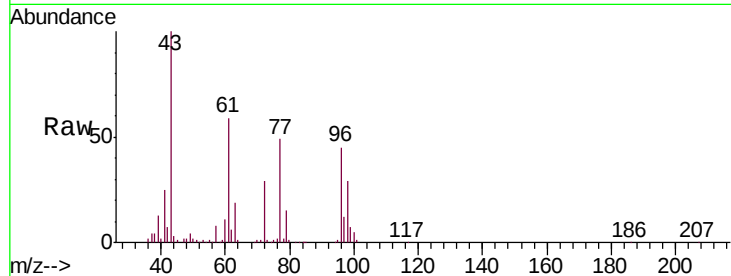
VSTDCCC050EC

Tgt Ion: 43 Resp: 905012

Ion Ratio Lower Upper

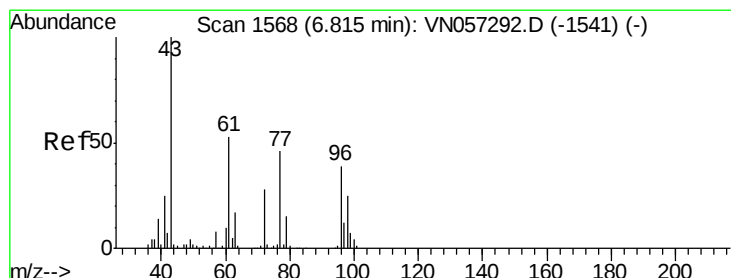
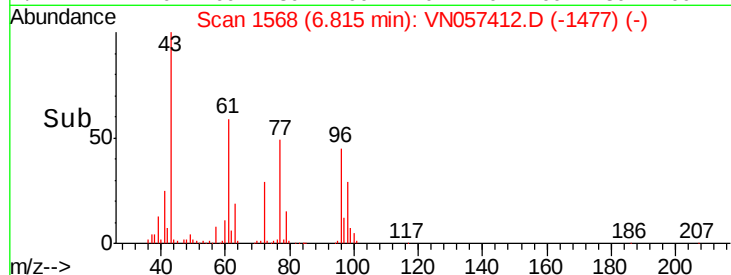
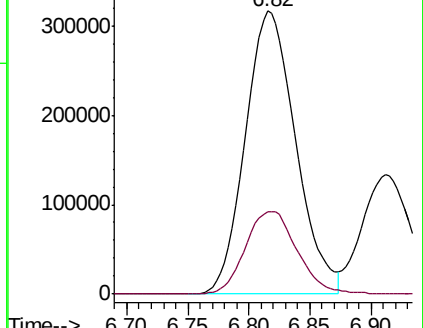
43 100

72 29.0 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 44.397 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN057412.D

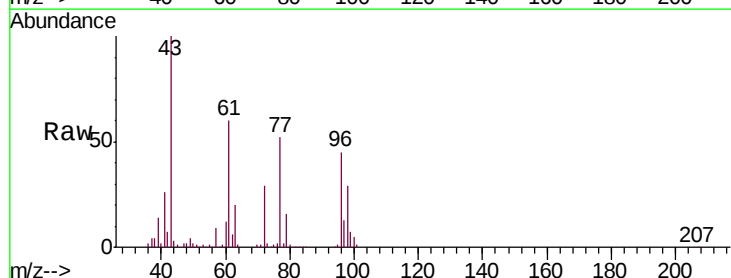
Acq: 19 Aug 2019 19:59

Tgt Ion: 77 Resp: 501733

Ion Ratio Lower Upper

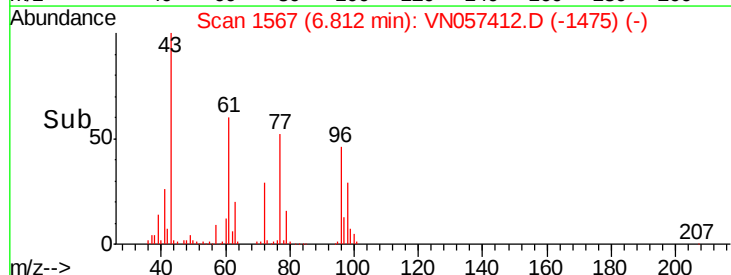
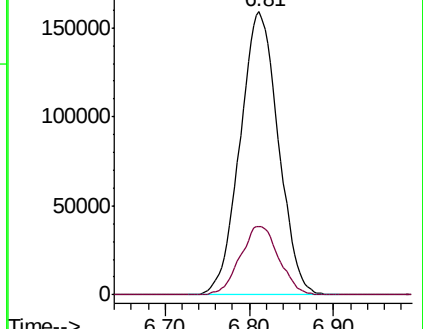
77 100

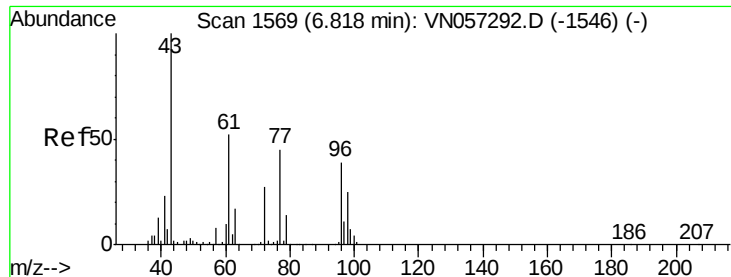
97 24.5 12.3 36.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 45.917 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

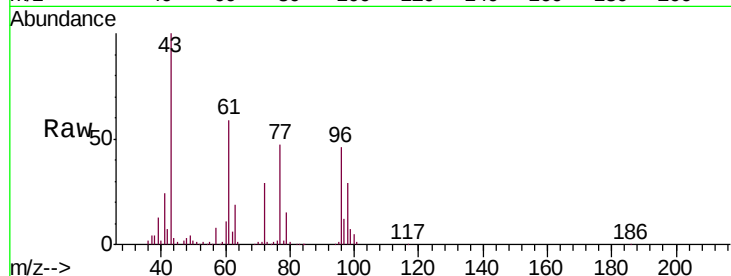
Tgt Ion: 96 Resp: 419598

Ion Ratio Lower Upper

96 100

61 133.3 0.0 272.0

98 64.3 0.0 130.4

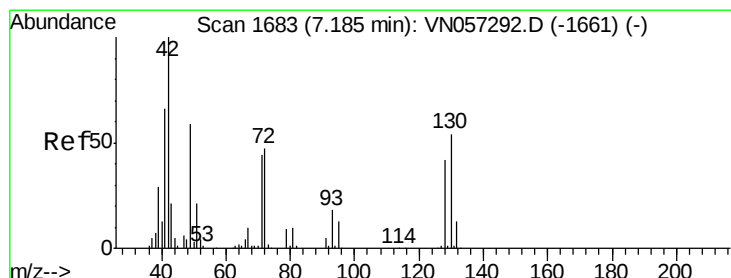
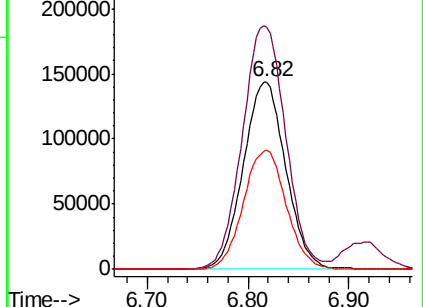
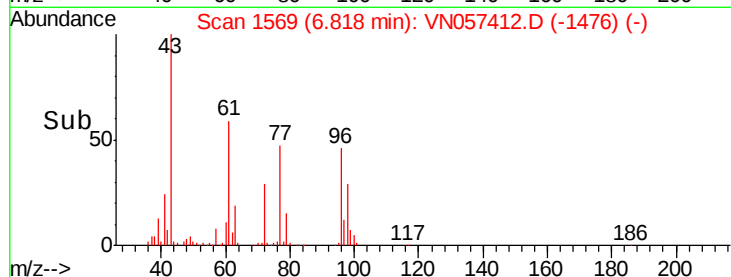


Abundance Ion 95.90 (95.60 to 96.60): VN057412.D (-1476) (-)

Ion 60.90 (60.60 to 61.60): VN057412.D (-1476) (-)

Ion 97.90 (97.60 to 98.60): VN057412.D (-1476) (-)

Time-->



#28

Bromochloromethane

Concen: 46.106 ug/l

RT: 7.18 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

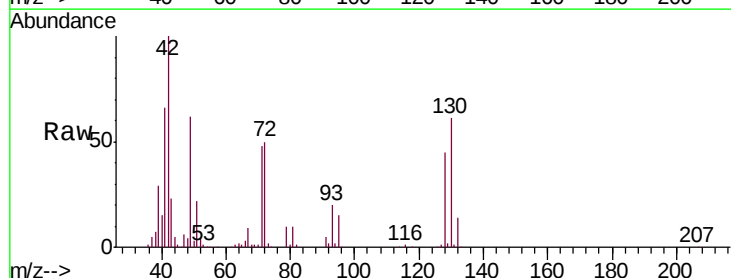
Tgt Ion: 49 Resp: 286458

Ion Ratio Lower Upper

49 100

129 2.7 0.0 2.0#

130 98.0 73.2 109.8

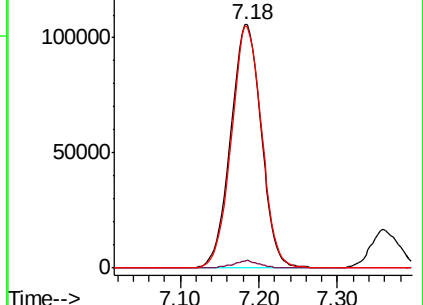
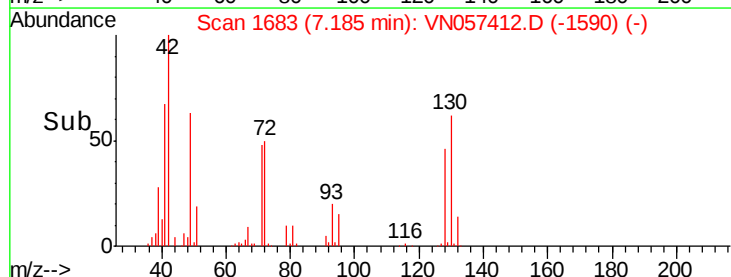


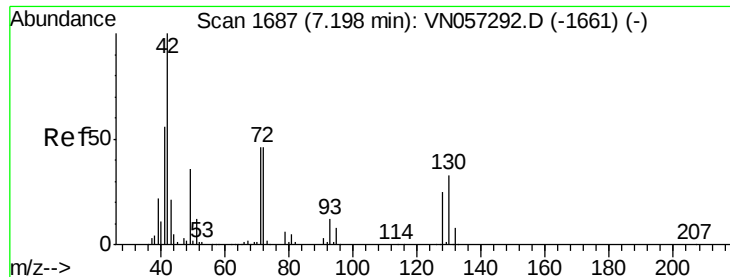
Abundance Ion 48.90 (48.60 to 49.60): VN057412.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN057412.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN057412.D (-1590) (-)

Time-->

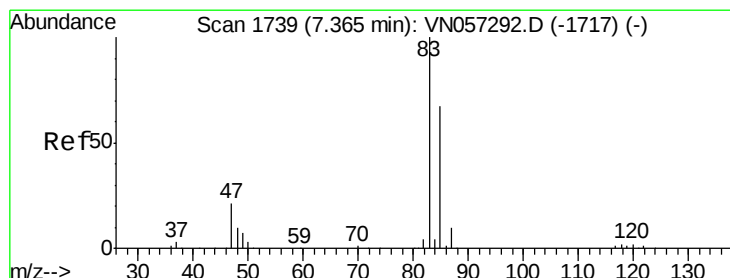
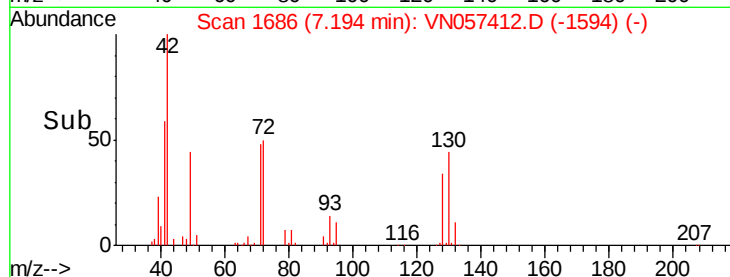
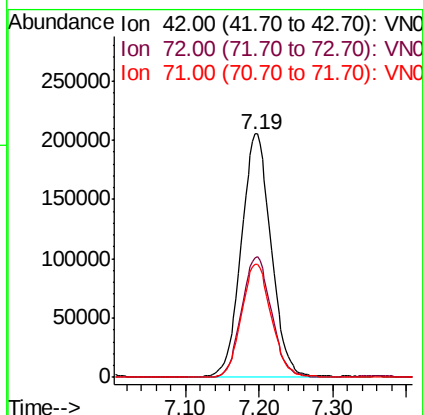
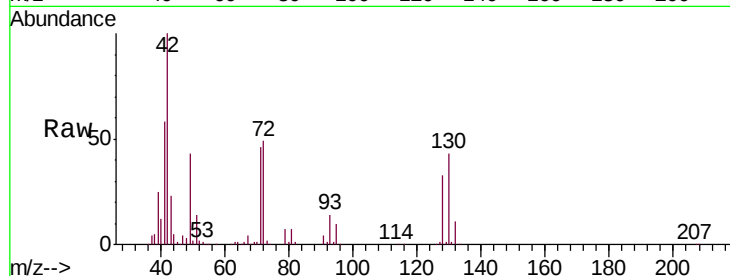




#29
Tetrahydrofuran
Concen: 205.815 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VN057412.D
Acq: 19 Aug 2019 19:59

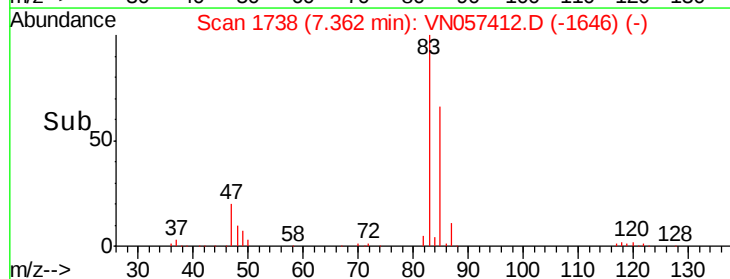
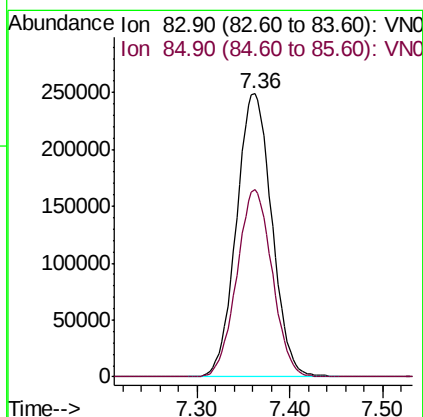
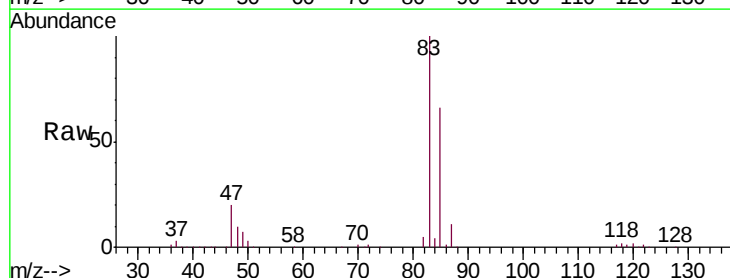
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

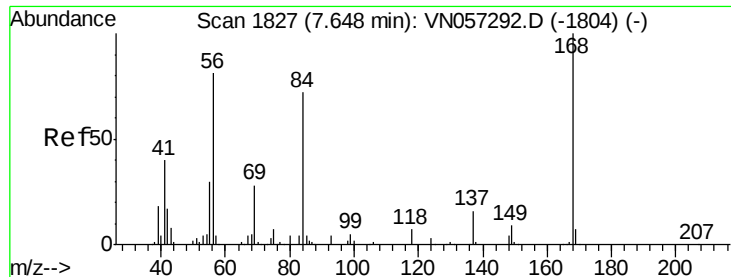
Tgt Ion: 42 Resp: 581904
Ion Ratio Lower Upper
42 100
72 49.2 37.8 56.6
71 46.5 35.7 53.5



#30
Chloroform
Concen: 45.018 ug/l
RT: 7.36 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN057412.D
Acq: 19 Aug 2019 19:59

Tgt Ion: 83 Resp: 659697
Ion Ratio Lower Upper
83 100
85 66.4 53.3 79.9

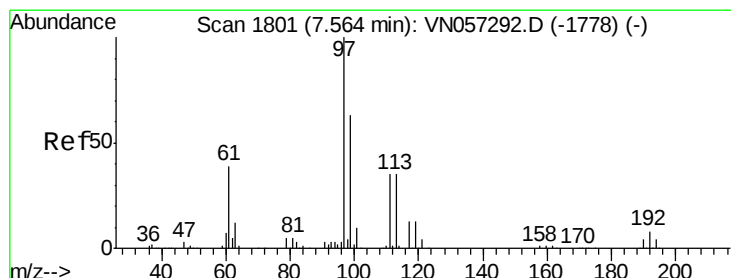
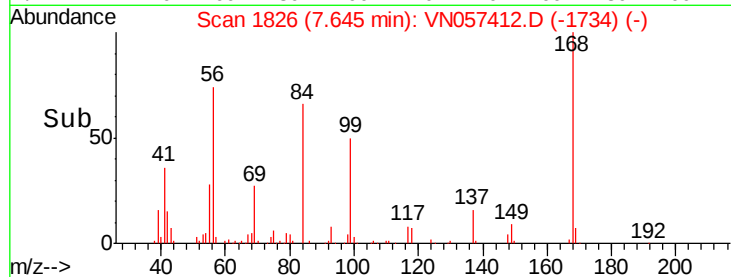
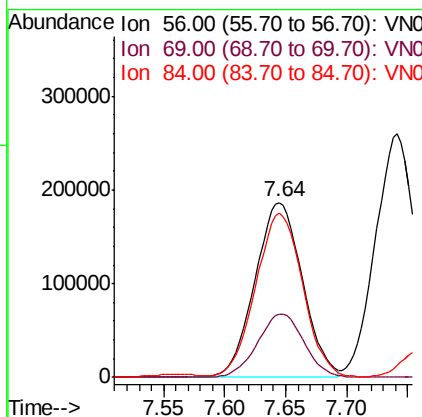
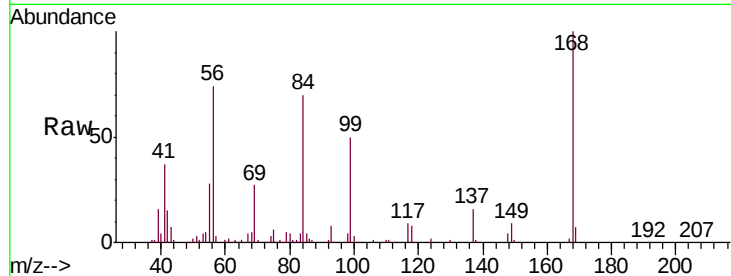




#31
Cyclohexane
Concen: 41.605 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN057412.D
Acq: 19 Aug 2019 19:59

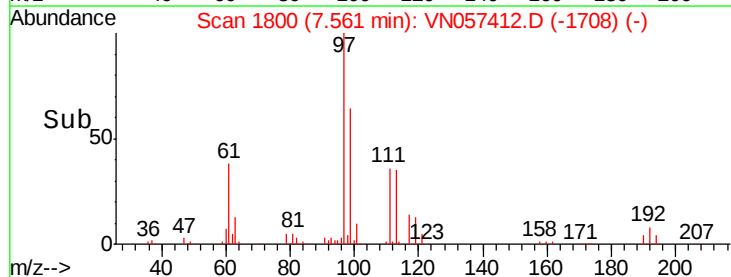
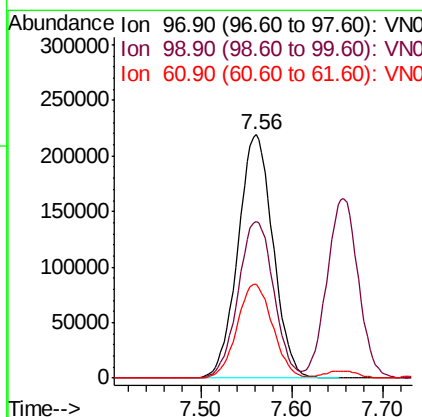
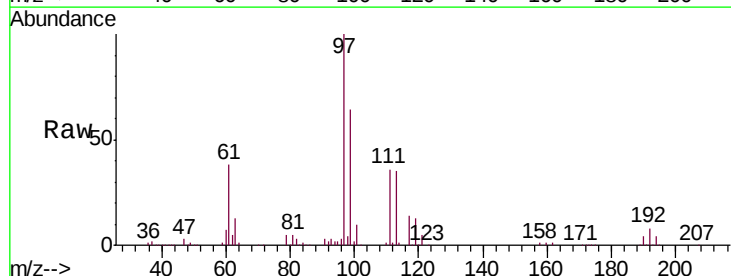
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

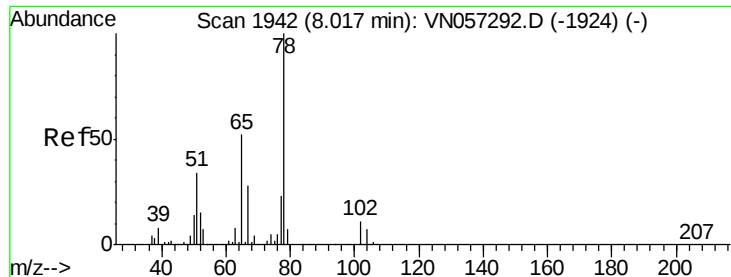
Tgt Ion: 56 Resp: 504171
Ion Ratio Lower Upper
56 100
69 36.4 27.3 40.9
84 92.4 71.0 106.6



#32
1,1,1-Trichloroethane
Concen: 47.560 ug/l
RT: 7.56 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN057412.D
Acq: 19 Aug 2019 19:59

Tgt Ion: 97 Resp: 586201
Ion Ratio Lower Upper
97 100
99 65.4 50.3 75.5
61 39.3 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 45.884 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

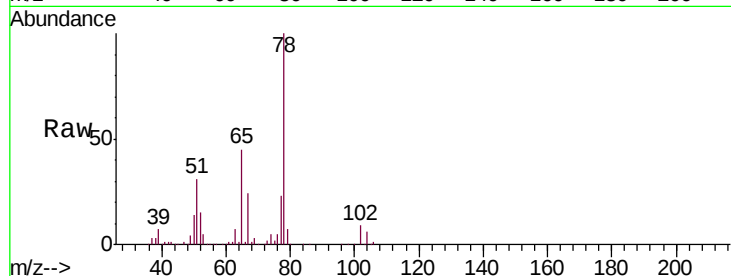
VSTDCCC050EC

Tgt Ion: 65 Resp: 408067

Ion Ratio Lower Upper

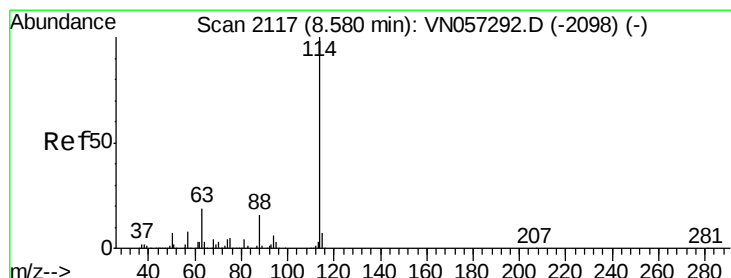
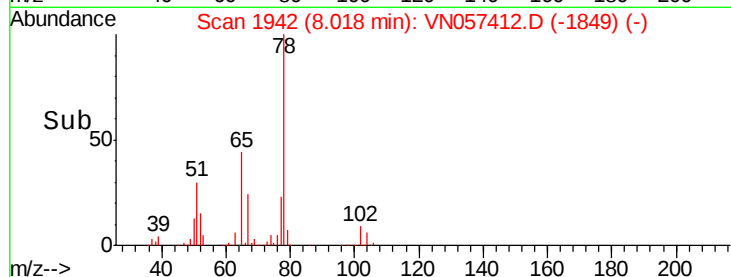
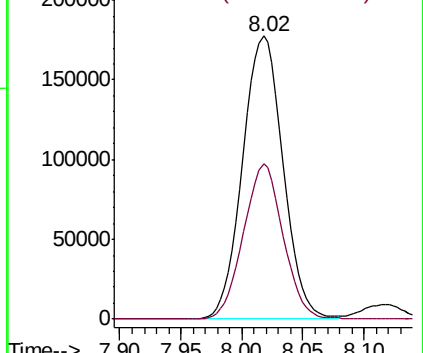
65 100

67 53.7 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN057412.D (-1849) (-)

Ion 66.90 (66.60 to 67.60): VN057412.D (-1849) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. -0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

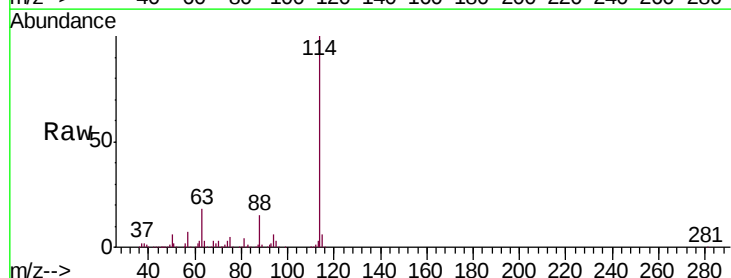
Tgt Ion: 114 Resp: 1181805

Ion Ratio Lower Upper

114 100

63 17.7 0.0 38.8

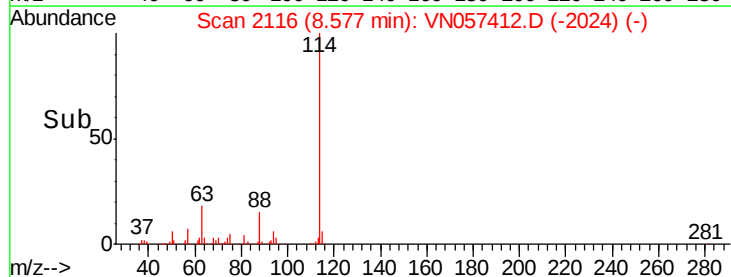
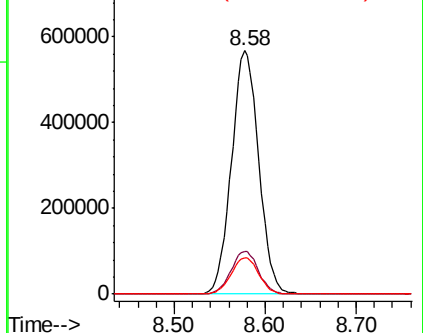
88 15.0 0.0 31.4

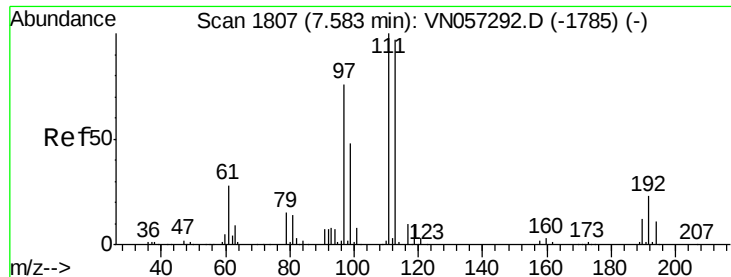


Abundance Ion 113.90 (113.60 to 114.60): VN057412.D (-2024) (-)

Ion 63.00 (62.70 to 63.70): VN057412.D (-2024) (-)

Ion 87.90 (87.60 to 88.60): VN057412.D (-2024) (-)

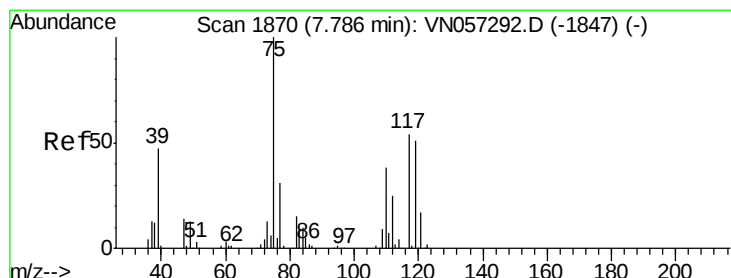
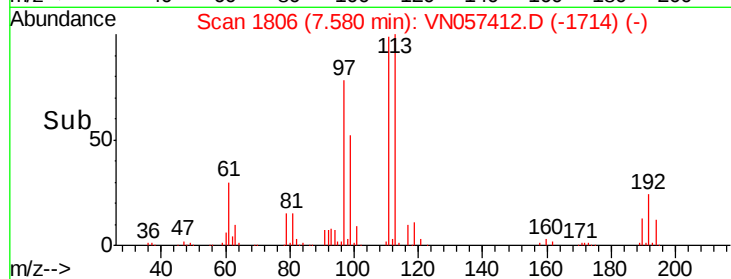
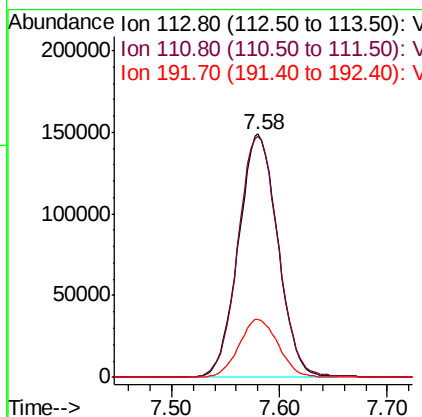
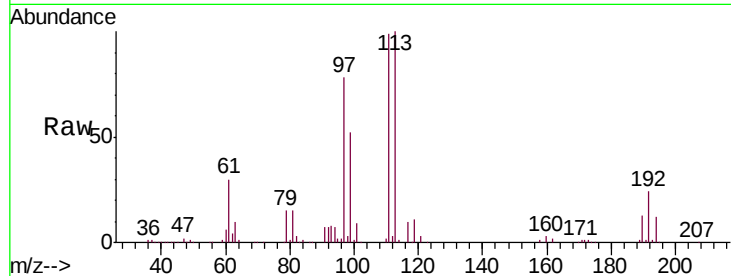




#35
 Dibromofluoromethane
 Concen: 48.727 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN057412.D
 Acq: 19 Aug 2019 19:59

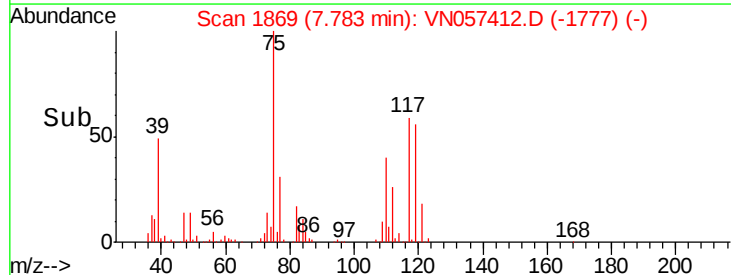
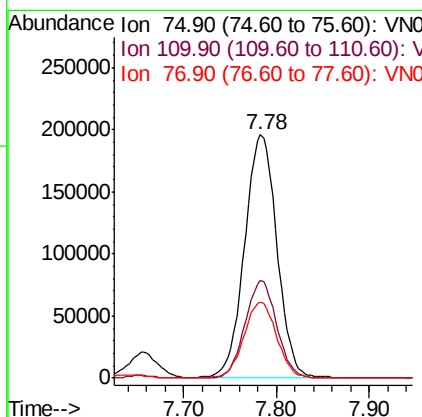
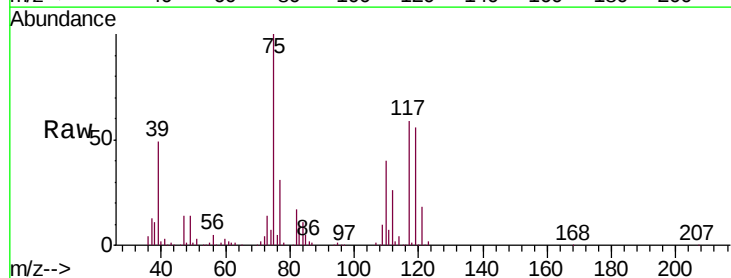
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

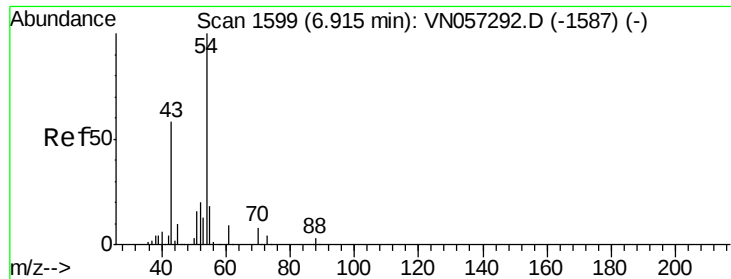
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.1	123.1
192	23.9	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 45.315 ug/l
 RT: 7.78 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN057412.D
 Acq: 19 Aug 2019 19:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.3	19.5	58.5
77	32.1	25.0	37.6

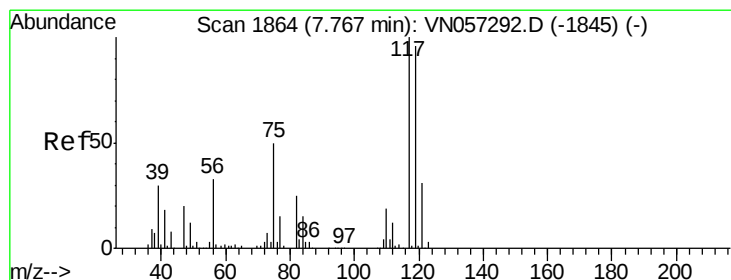
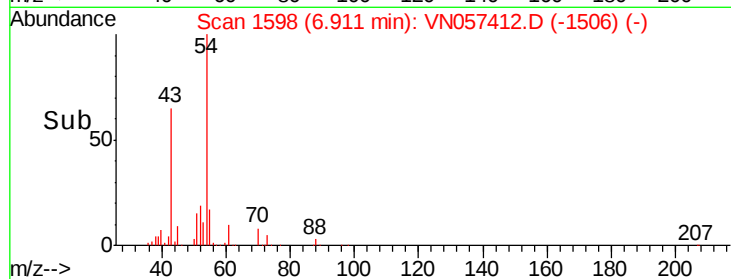
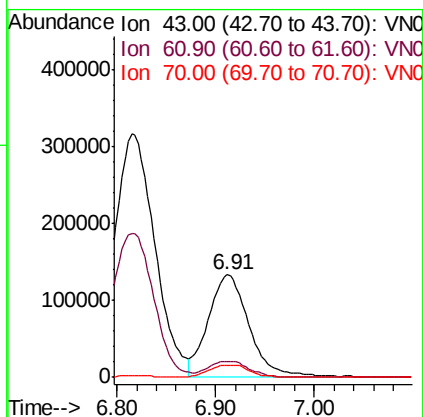
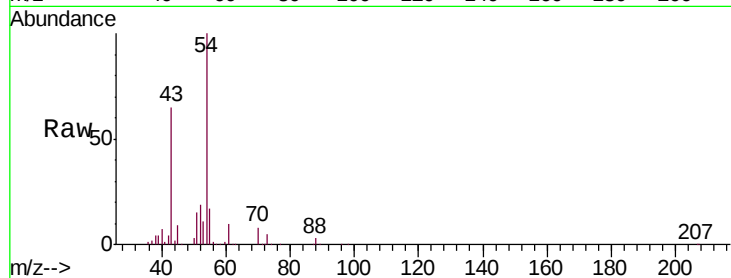




#37
 Ethyl Acetate
 Concen: 44.271 ug/l
 RT: 6.91 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: VN057412.D
 Acq: 19 Aug 2019 19:59

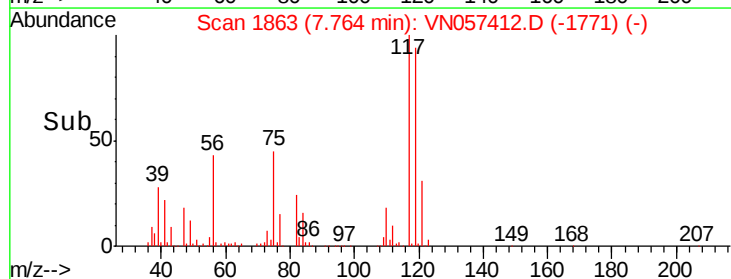
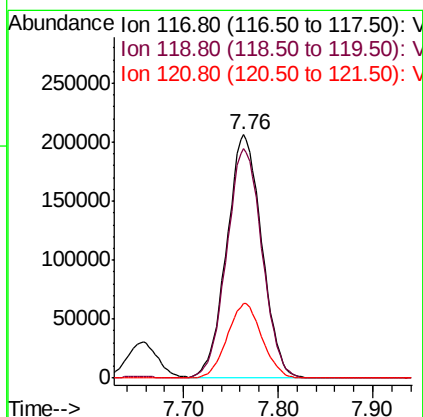
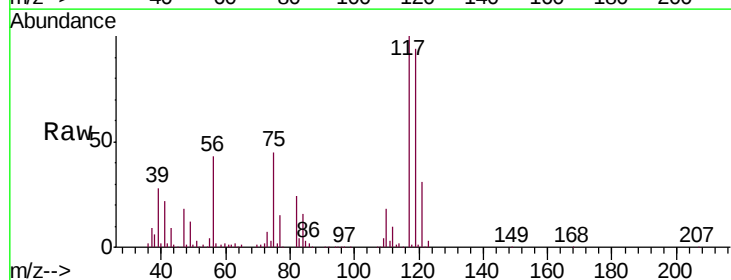
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

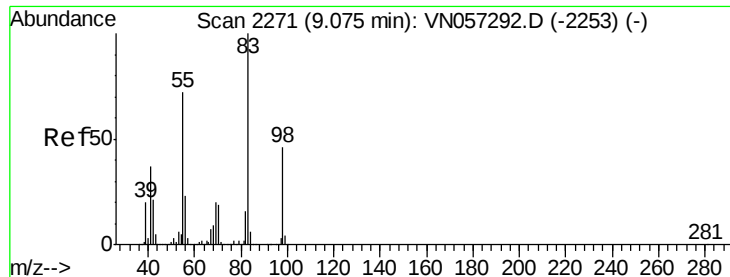
Tgt Ion: 43 Resp: 378359
 Ion Ratio Lower Upper
 43 100
 61 15.7 12.0 18.0
 70 12.2 9.2 13.8



#38
 Carbon Tetrachloride
 Concen: 49.068 ug/l
 RT: 7.76 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VN057412.D
 Acq: 19 Aug 2019 19:59

Tgt Ion: 117 Resp: 531973
 Ion Ratio Lower Upper
 117 100
 119 93.9 76.8 115.2
 121 30.7 25.0 37.4

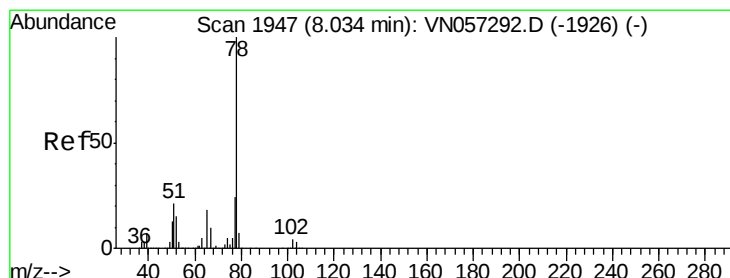
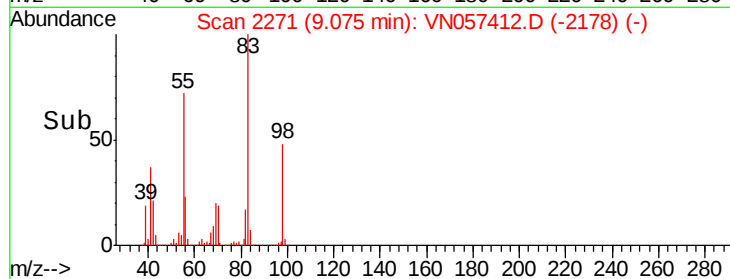
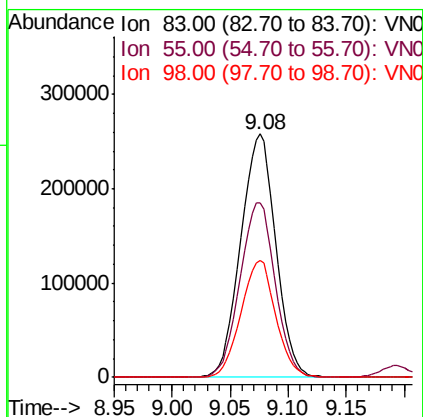
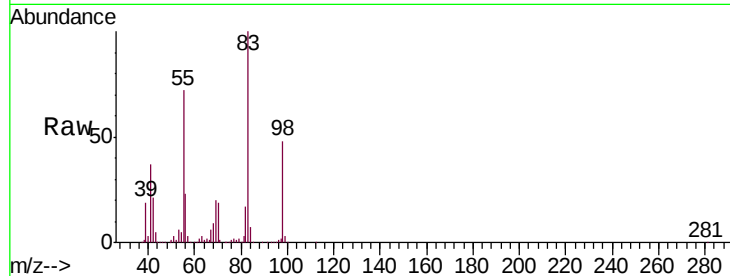




#39
Methylcyclohexane
Concen: 44.750 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VN057412.D
Acq: 19 Aug 2019 19:59

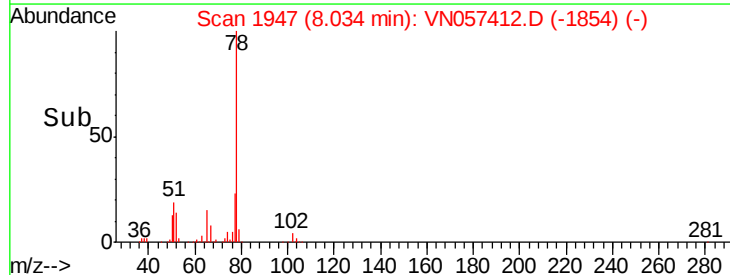
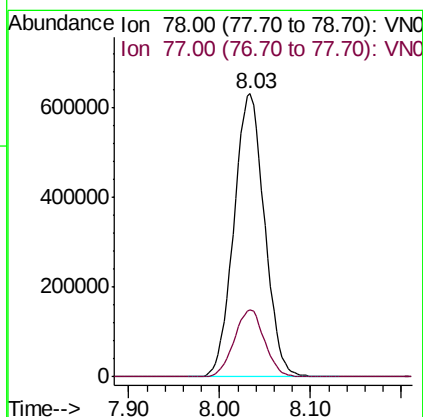
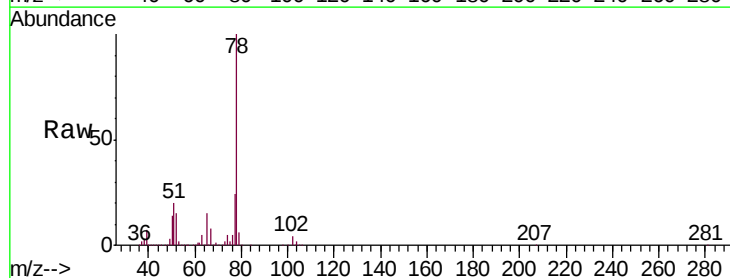
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

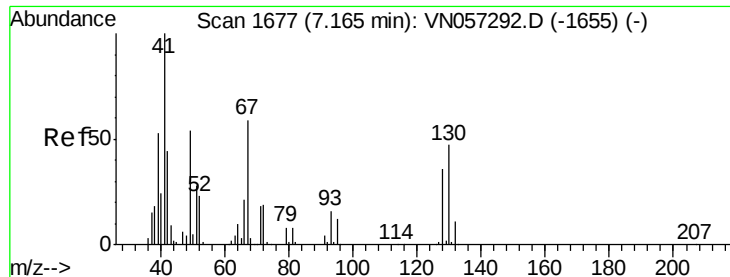
Tgt Ion: 83 Resp: 545236
Ion Ratio Lower Upper
83 100
55 71.8 57.5 86.3
98 48.2 36.6 55.0



#40
Benzene
Concen: 46.220 ug/l
RT: 8.03 min Scan# 1947
Delta R.T. 0.00 min
Lab File: VN057412.D
Acq: 19 Aug 2019 19:59

Tgt Ion: 78 Resp: 1475141
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7

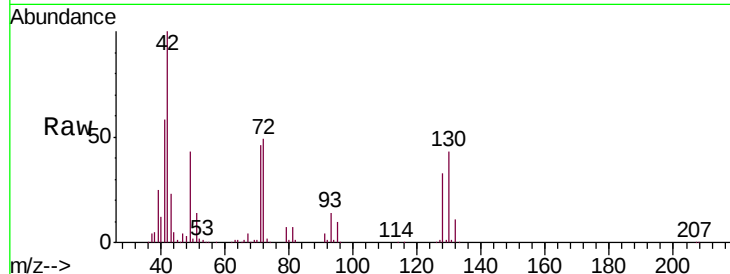




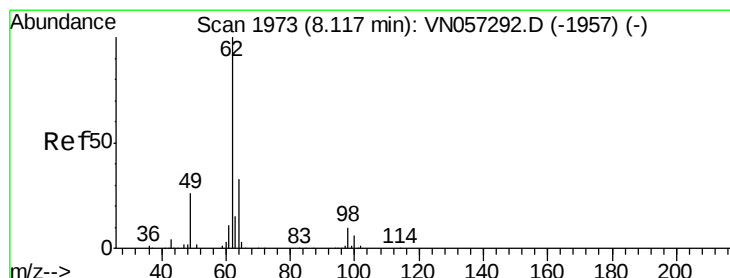
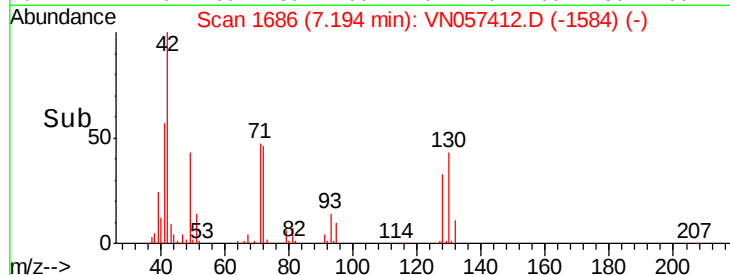
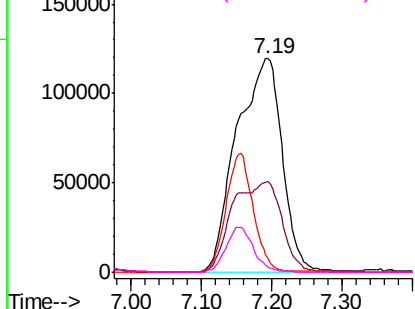
#41
Methacrylonitrile
Concen: 139.953 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.03 min
Lab File: VN057412.D
Acq: 19 Aug 2019 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	538640
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

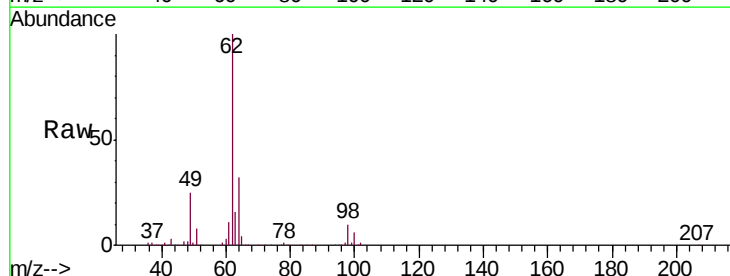


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

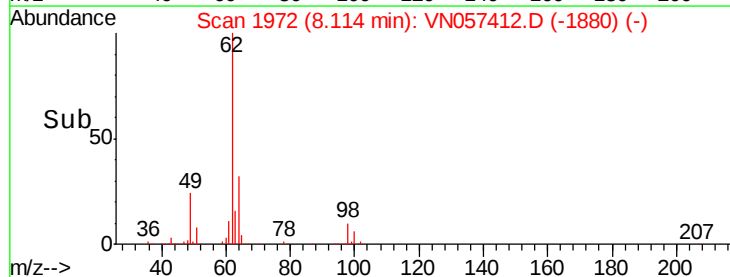
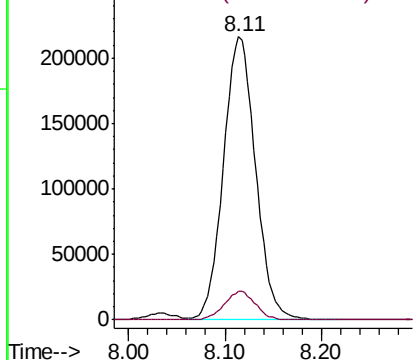


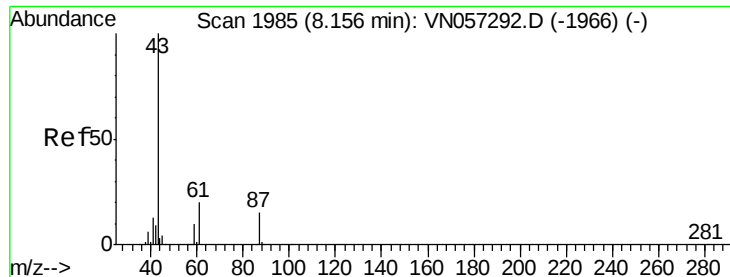
#42
1,2-Dichloroethane
Concen: 47.022 ug/l
RT: 8.11 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VN057412.D
Acq: 19 Aug 2019 19:59

Tgt Ion:	62	Resp:	496699
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.4



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



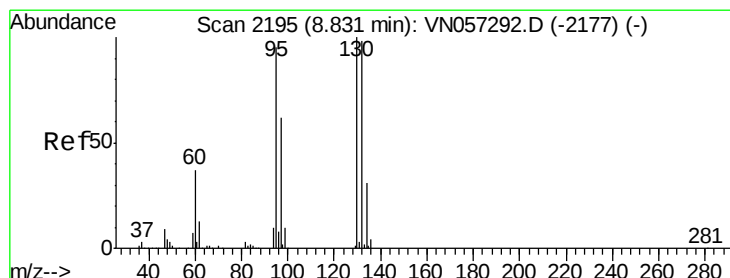
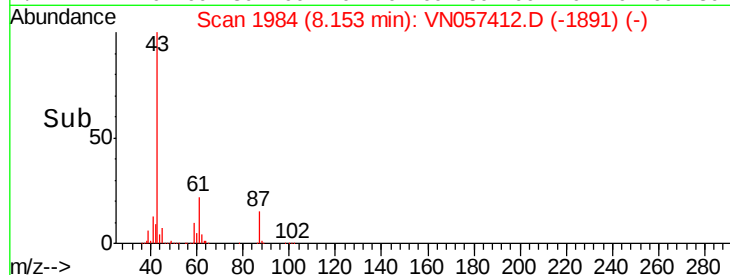
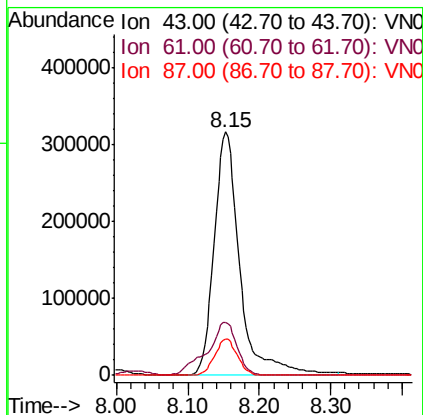
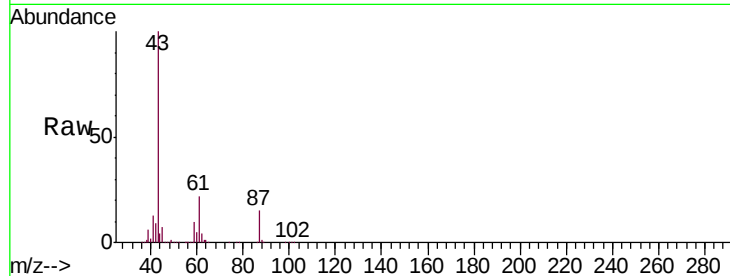


#43

Isopropyl Acetate
 Concen: 50.201 ug/l
 RT: 8.15 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VN057412.D
 Acq: 19 Aug 2019 19:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

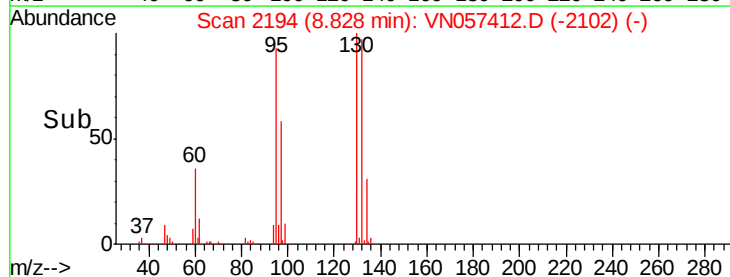
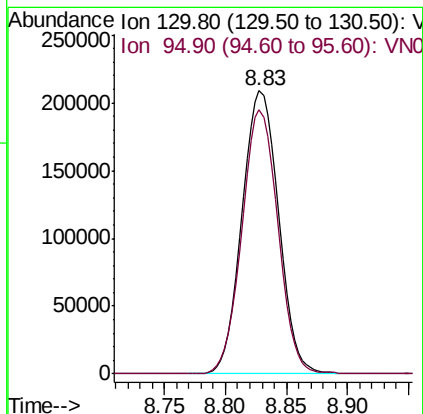
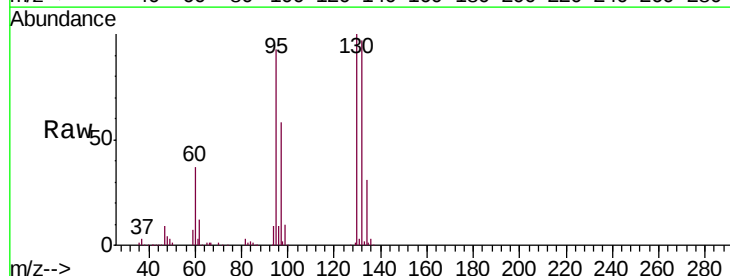
Tgt Ion	Ratio	Lower	Upper
43	100		
61	25.5	21.6	32.4
87	13.1	11.4	17.0

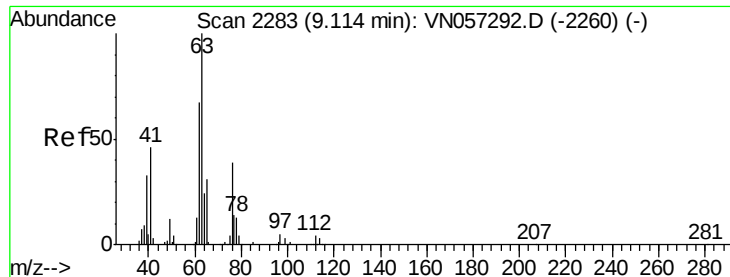


#44

Trichloroethene
 Concen: 48.322 ug/l
 RT: 8.83 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VN057412.D
 Acq: 19 Aug 2019 19:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	189.2

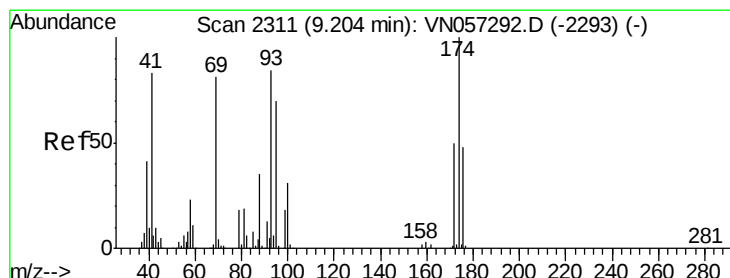
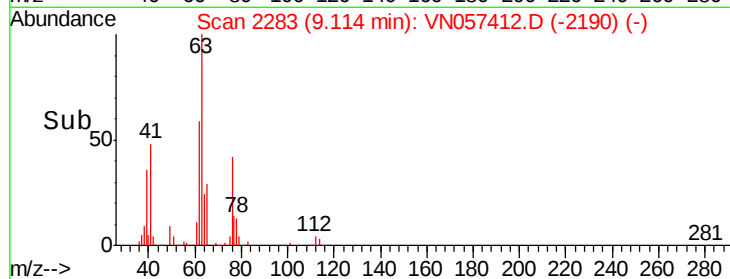
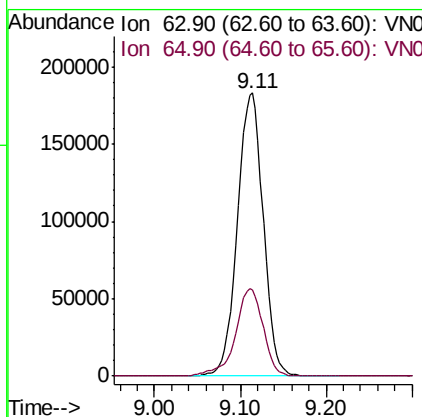
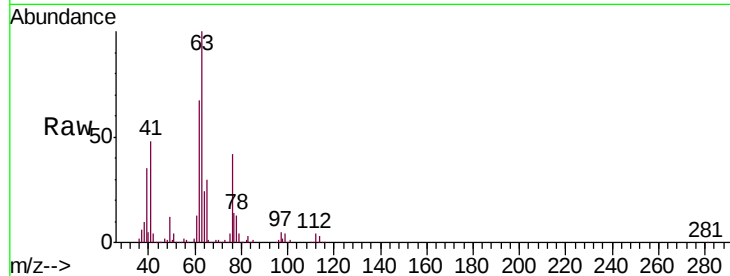




#45
 1,2-Dichloropropane
 Concen: 46.383 ug/l
 RT: 9.11 min Scan# 2283
 Delta R.T. 0.00 min
 Lab File: VN057412.D
 Acq: 19 Aug 2019 19:59

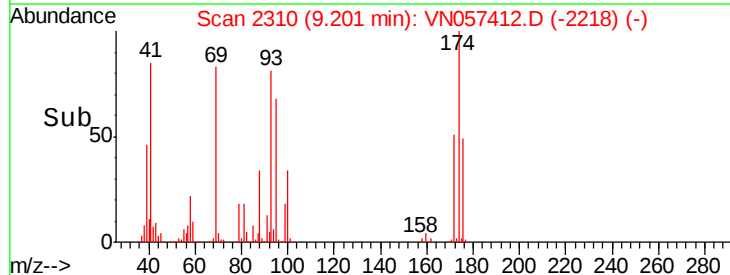
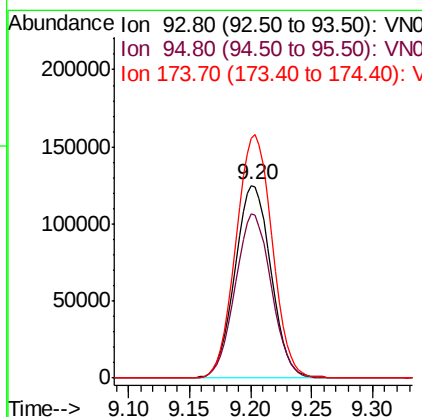
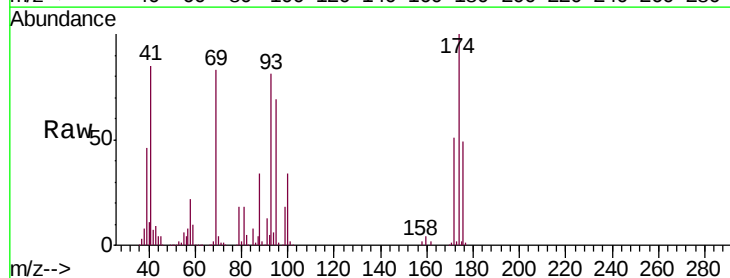
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

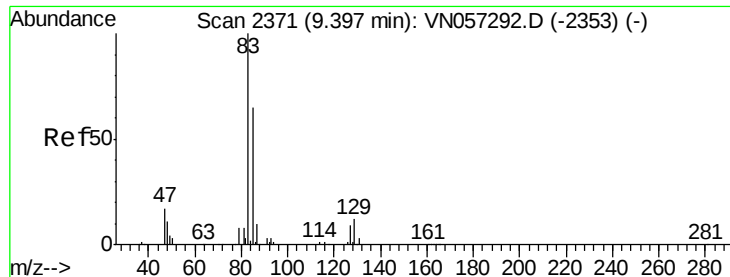
Tgt Ion: 63 Resp: 381569
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.8 37.2



#46
 Dibromomethane
 Concen: 46.636 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN057412.D
 Acq: 19 Aug 2019 19:59

Tgt Ion: 93 Resp: 255942
 Ion Ratio Lower Upper
 93 100
 95 85.6 66.5 99.7
 174 126.9 95.7 143.5





#47

Bromodichloromethane

Concen: 48.641 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

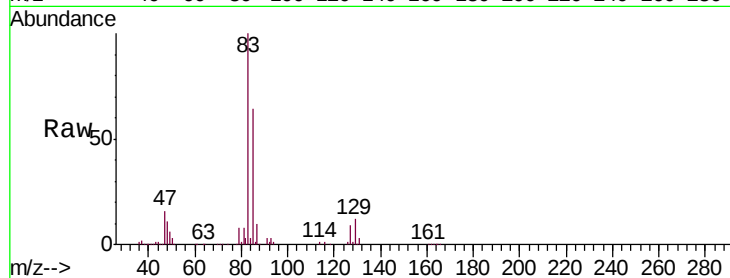
Tgt Ion: 83 Resp: 528907

Ion Ratio Lower Upper

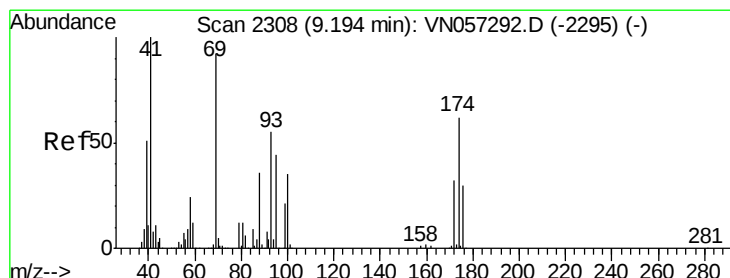
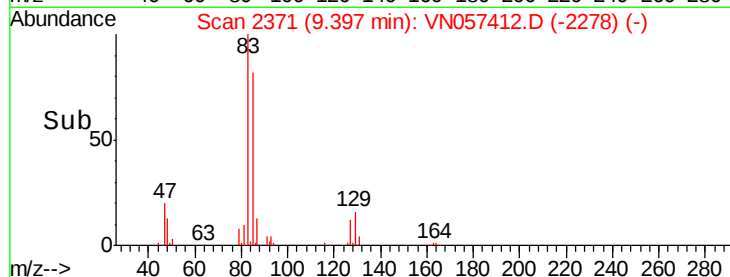
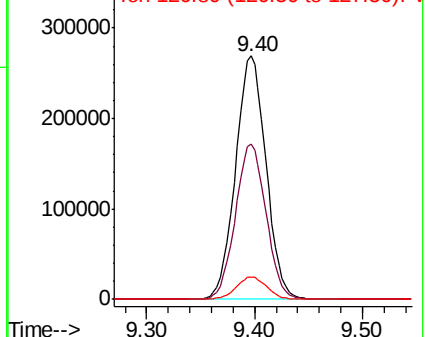
83 100

85 64.0 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: 44.241 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

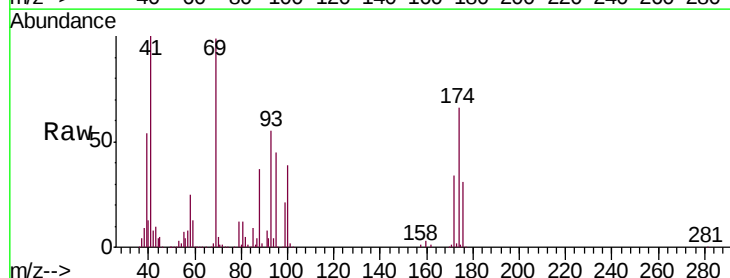
Tgt Ion: 41 Resp: 311353

Ion Ratio Lower Upper

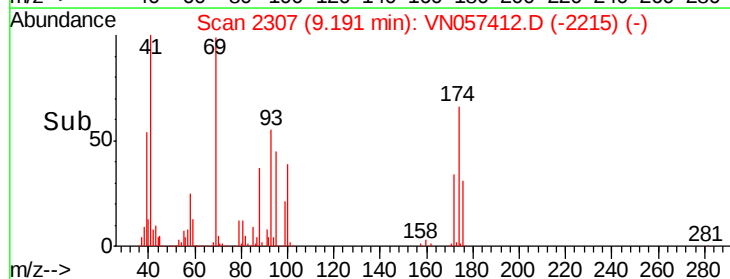
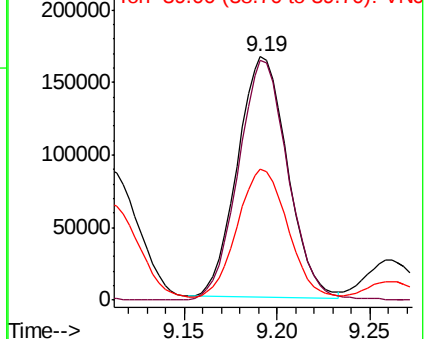
41 100

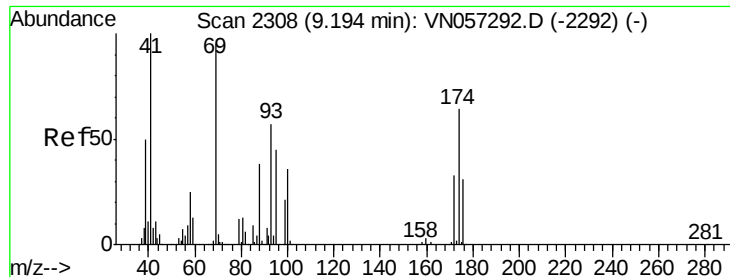
69 99.8 75.9 113.9

39 55.8 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

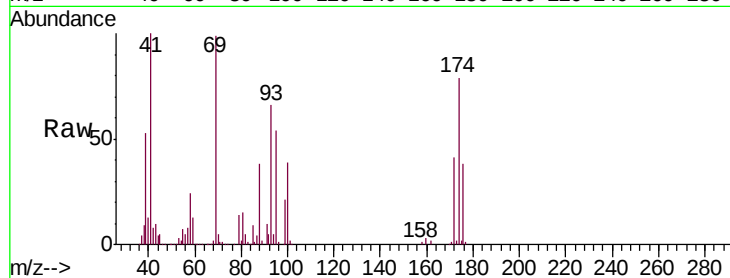




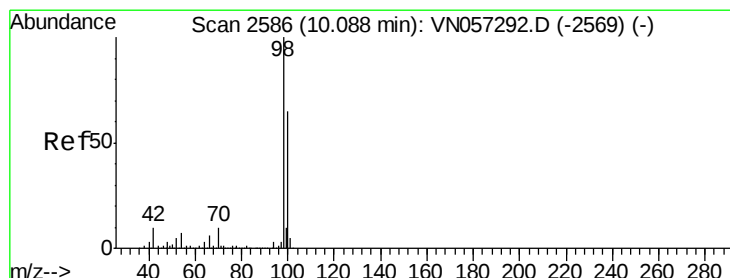
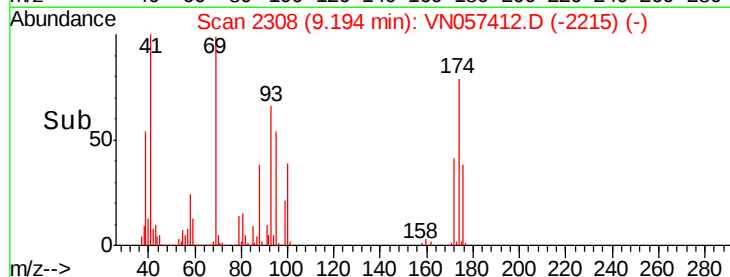
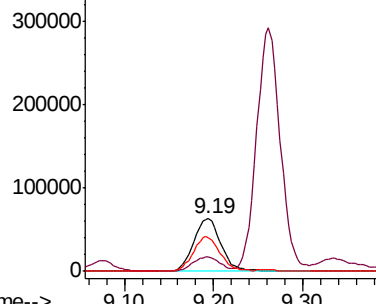
#49
1,4-Dioxane
Concen: 906.241 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. 0.00 min
Lab File: VN057412.D
Acq: 19 Aug 2019 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 134124
Ion Ratio Lower Upper
88 100
43 26.1 22.9 34.3
58 64.4 52.7 79.1

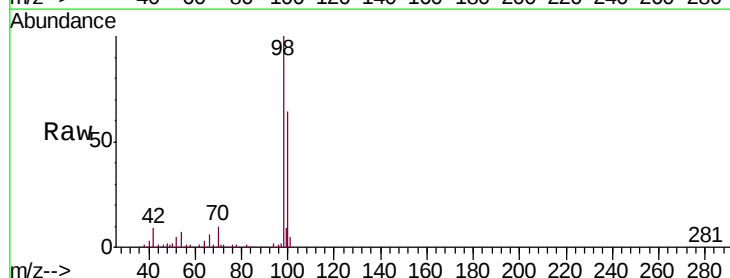


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

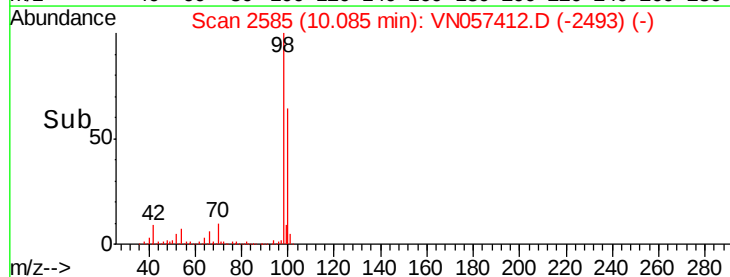
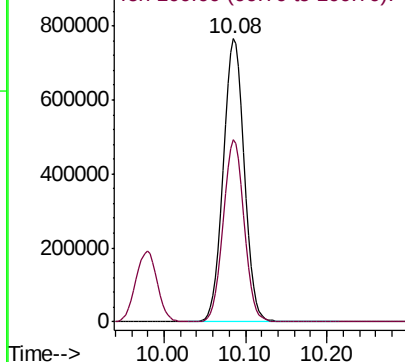


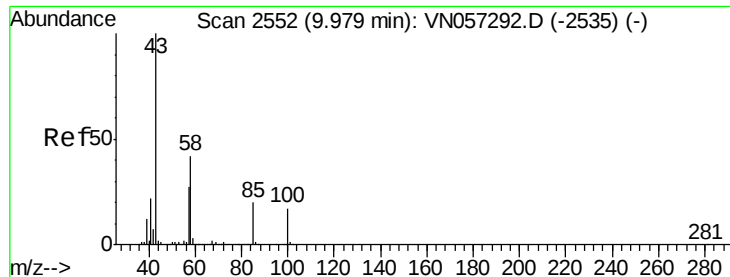
#50
Toluene-d8
Concen: 49.433 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN057412.D
Acq: 19 Aug 2019 19:59

Tgt Ion: 98 Resp: 1400665
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



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

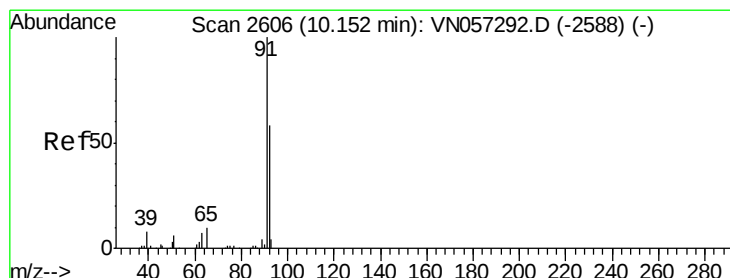
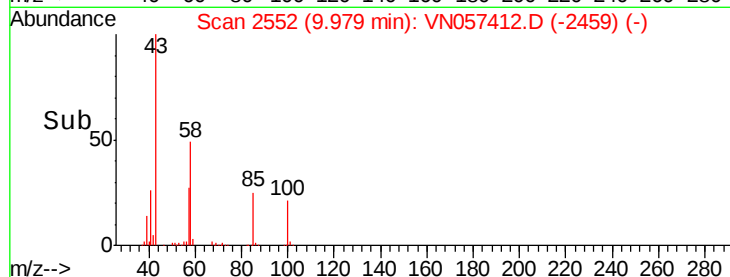
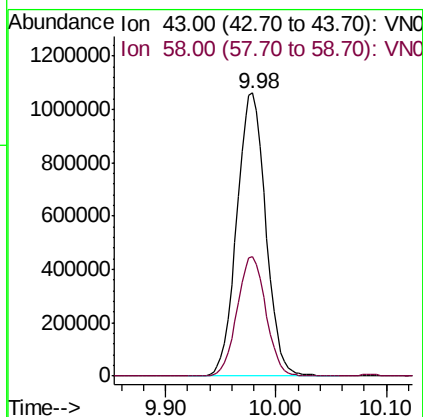
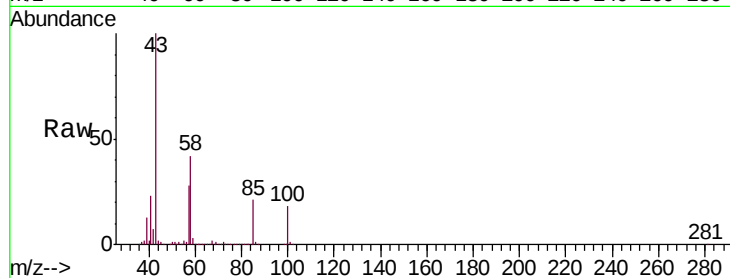




#51
 4-Methyl-2-Pentanone
 Concen: 218.258 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: VN057412.D
 Acq: 19 Aug 2019 19:59

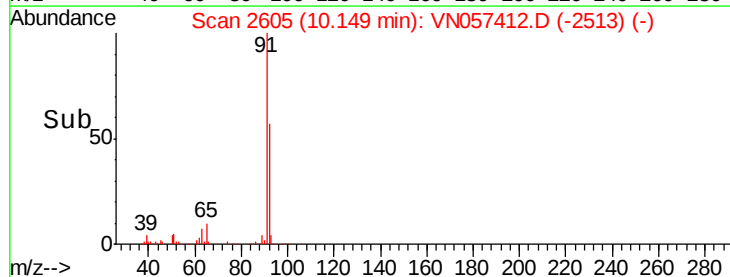
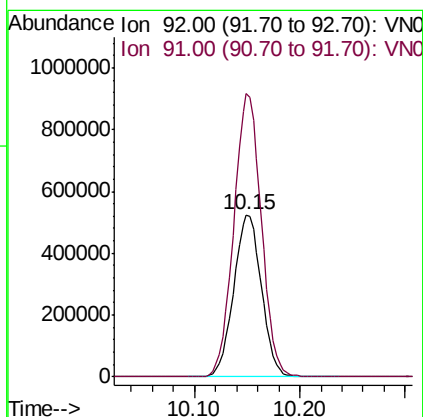
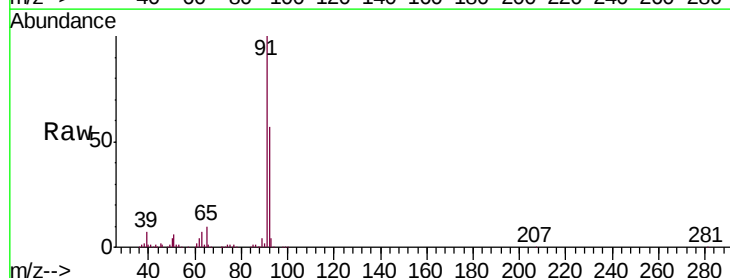
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

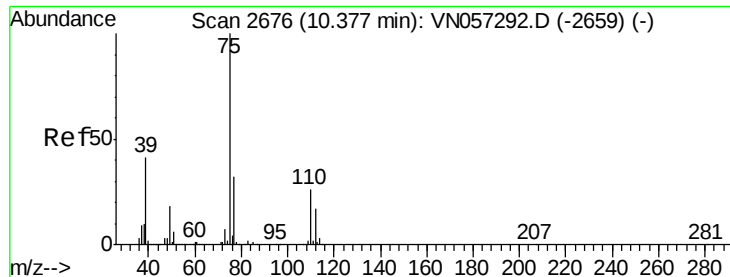
Tgt Ion: 43 Resp: 1924344
 Ion Ratio Lower Upper
 43 100
 58 42.2 33.2 49.8



#52
 Toluene
 Concen: 47.891 ug/l
 RT: 10.15 min Scan# 2605
 Delta R.T. -0.00 min
 Lab File: VN057412.D
 Acq: 19 Aug 2019 19:59

Tgt Ion: 92 Resp: 951347
 Ion Ratio Lower Upper
 92 100
 91 173.3 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 47.914 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

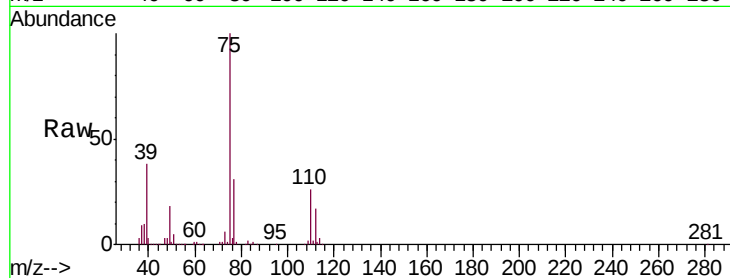
VSTDCCC050EC

Tgt Ion: 75 Resp: 563563

Ion Ratio Lower Upper

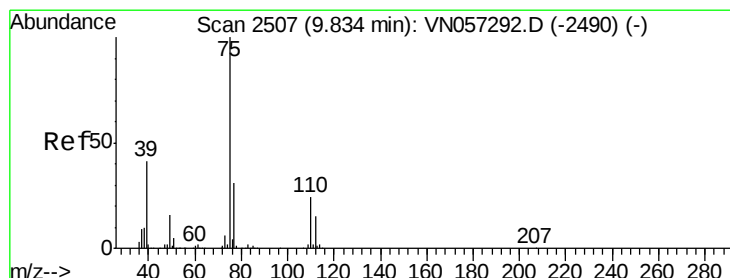
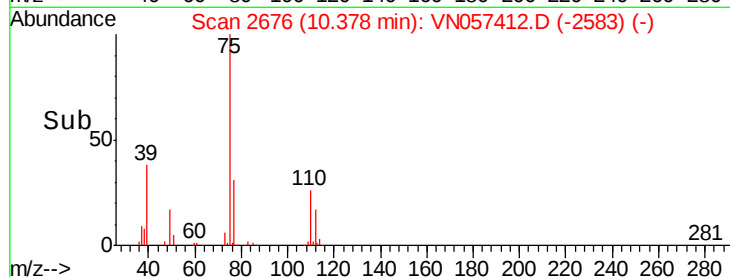
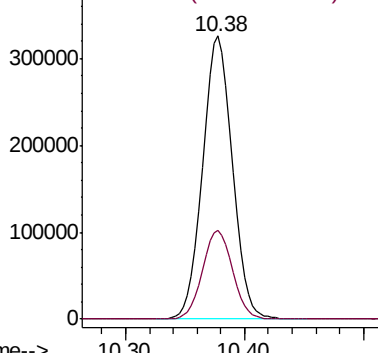
75 100

77 31.4 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 47.797 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

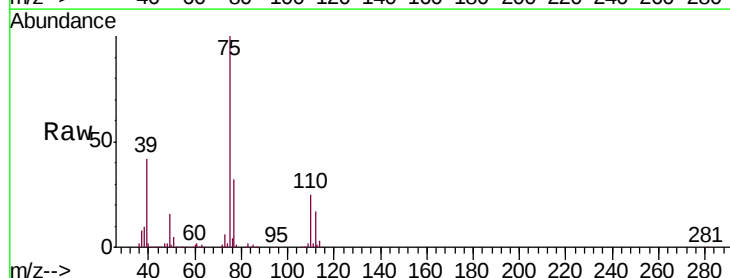
Tgt Ion: 75 Resp: 619927

Ion Ratio Lower Upper

75 100

77 31.6 24.9 37.3

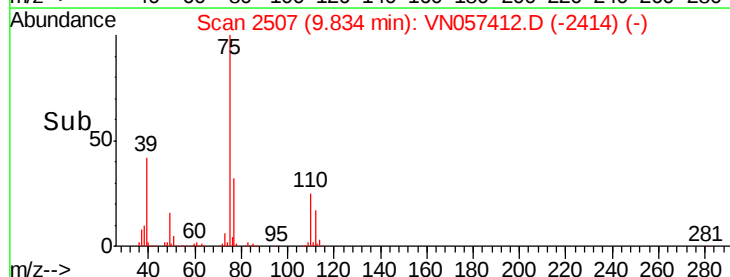
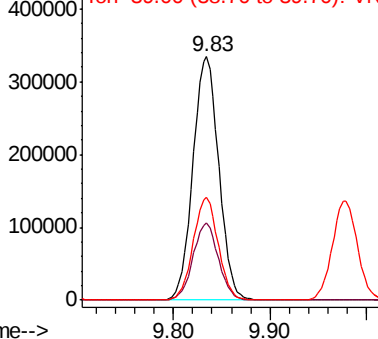
39 42.0 32.7 49.1

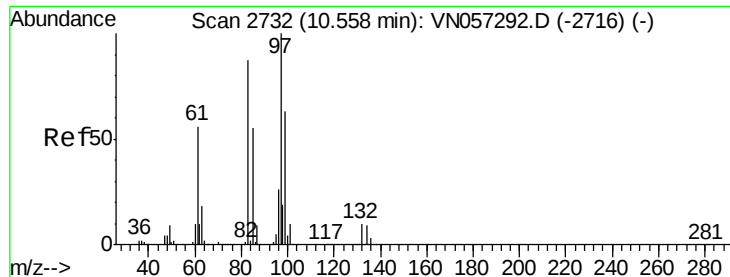


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 49.250 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 384708

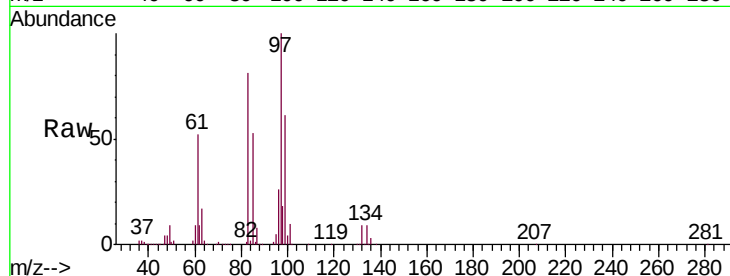
Ion Ratio Lower Upper

97 100

83 81.3 69.8 104.8

85 53.5 44.1 66.1

99 61.0 50.2 75.2

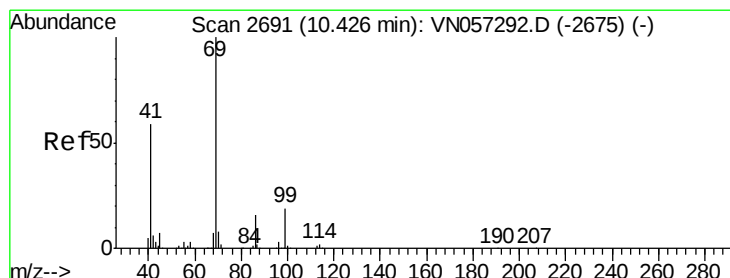
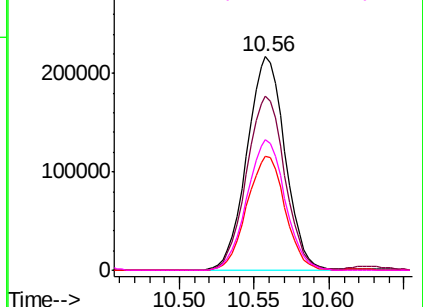
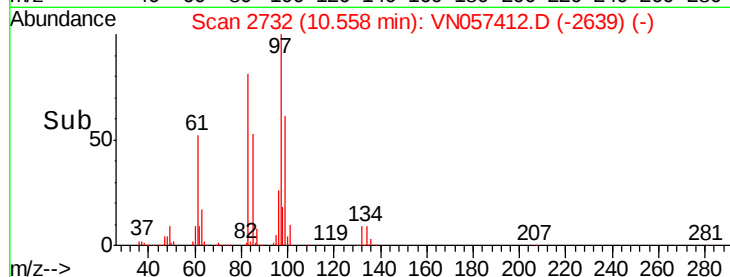


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 47.790 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. -0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

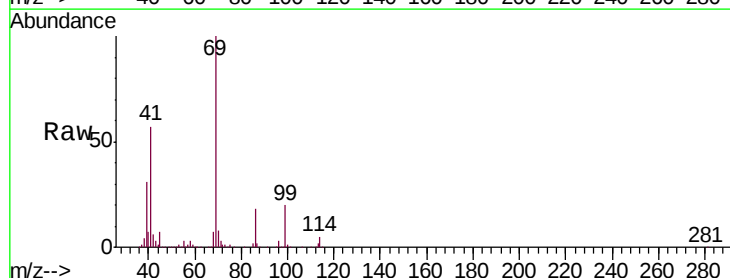
Tgt Ion: 69 Resp: 544780

Ion Ratio Lower Upper

69 100

41 57.6 48.2 72.2

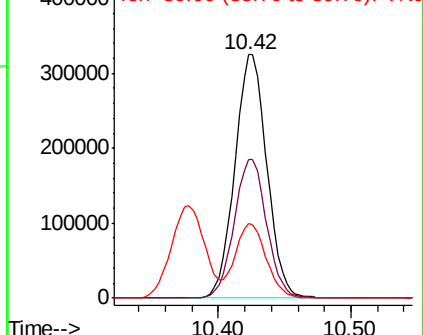
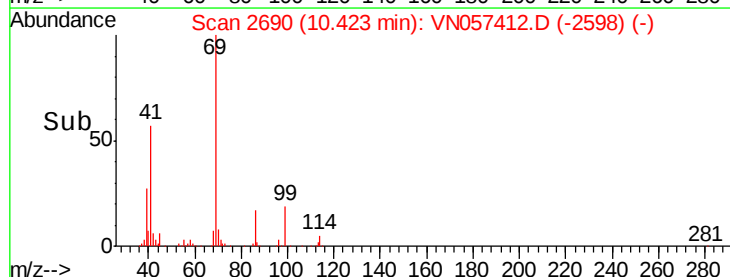
39 29.2 23.4 35.0

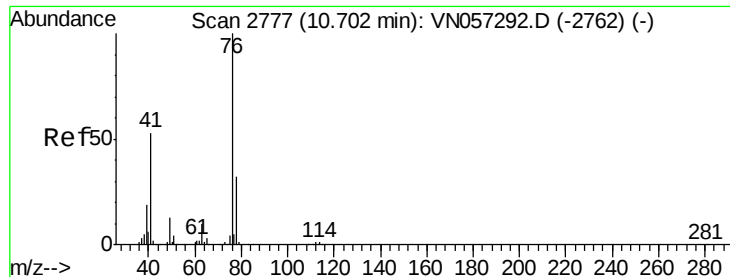


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 46.741 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

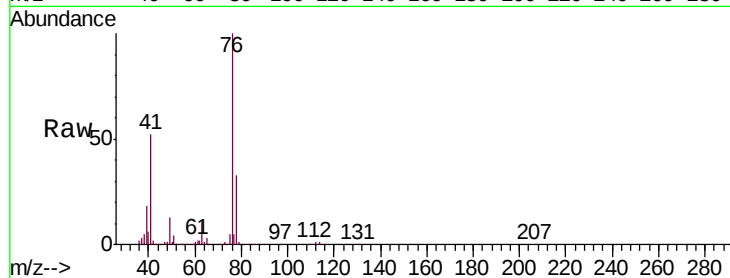
VSTDCCC050EC

Tgt Ion: 76 Resp: 609942

Ion Ratio Lower Upper

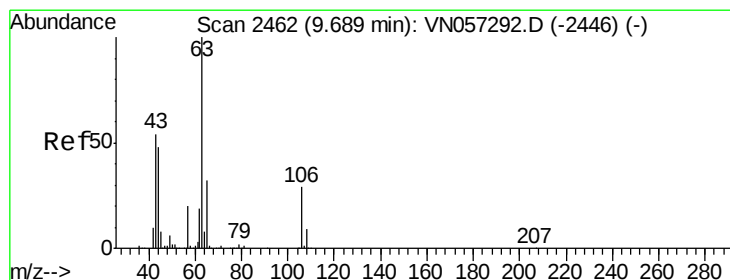
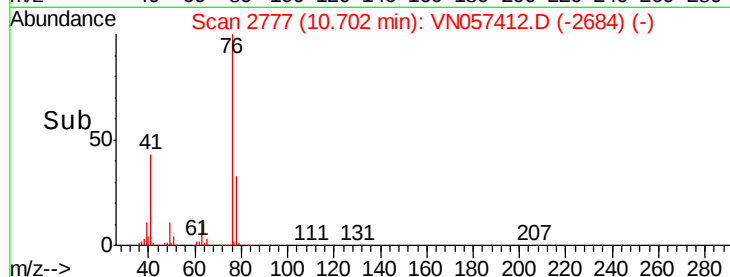
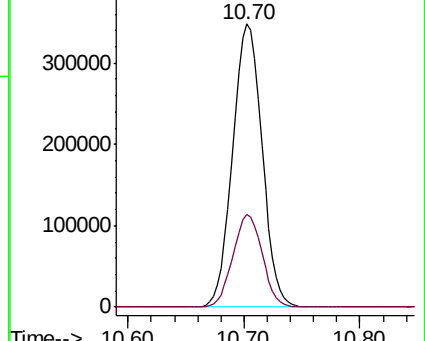
76 100

78 32.7 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VN057412.D (-2684) (-)

Ion 77.90 (77.60 to 78.60): VN057412.D (-2684) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 179.361 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057412.D

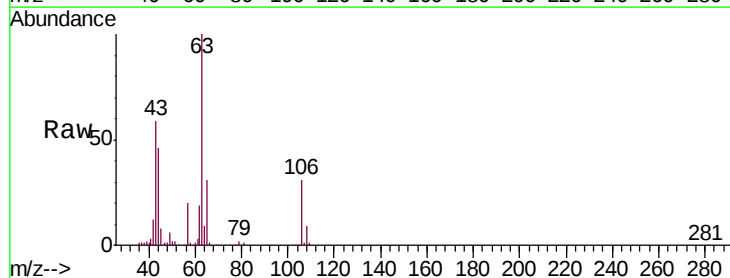
Acq: 19 Aug 2019 19:59

Tgt Ion: 63 Resp: 589004

Ion Ratio Lower Upper

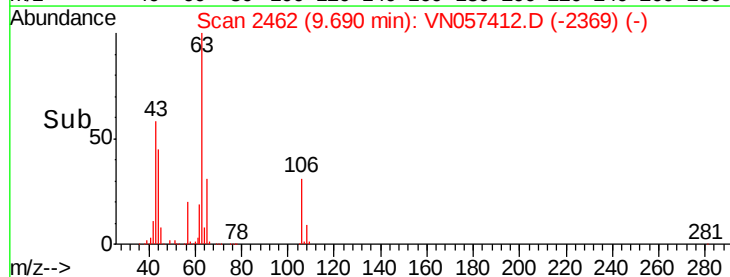
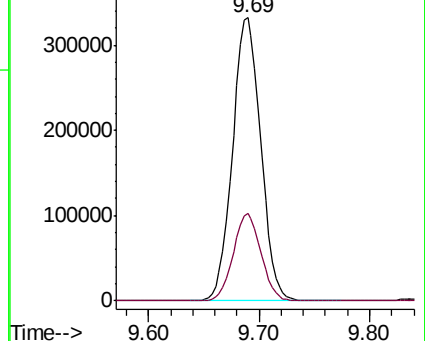
63 100

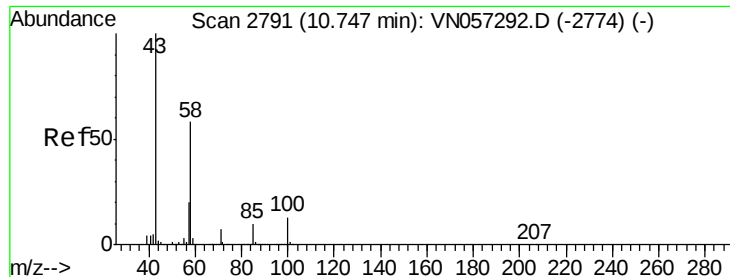
106 30.2 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VN057412.D (-2369) (-)

Ion 105.90 (105.60 to 106.60): VN057412.D (-2369) (-)

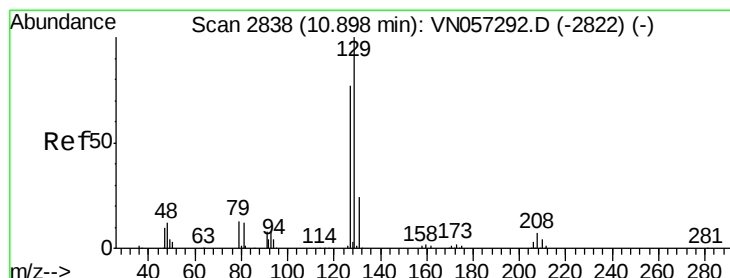
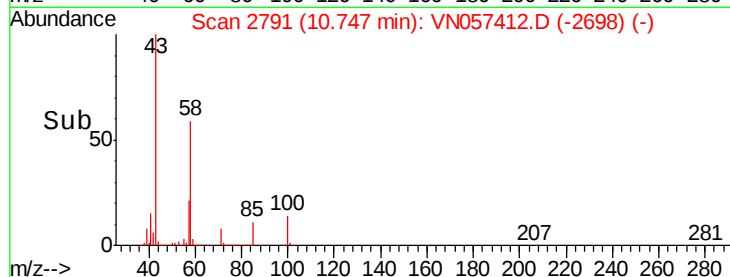
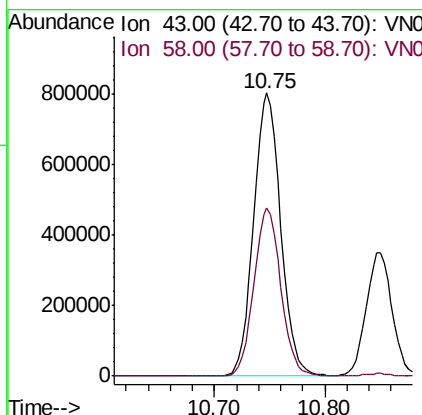
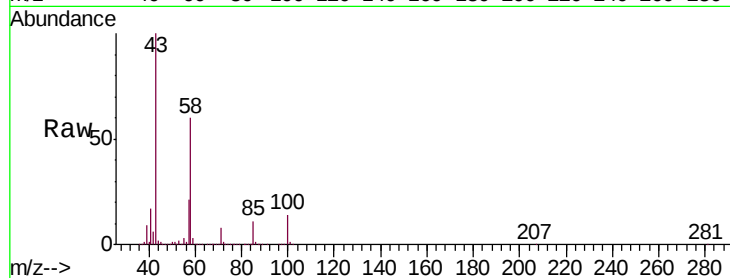




#59
2-Hexanone
Concen: 215.667 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN057412.D
Acq: 19 Aug 2019 19:59

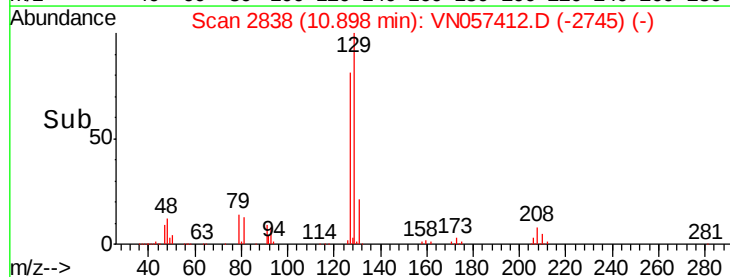
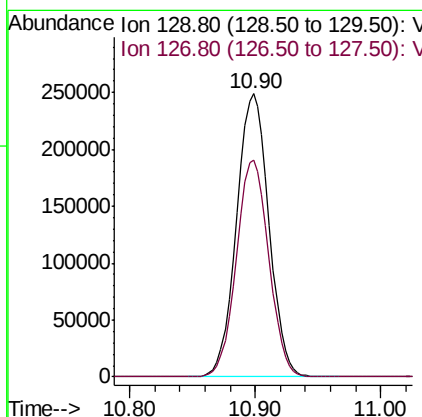
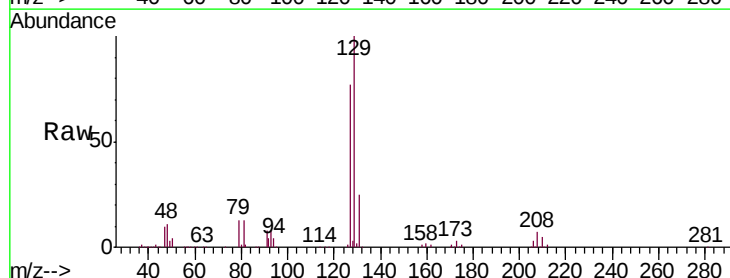
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

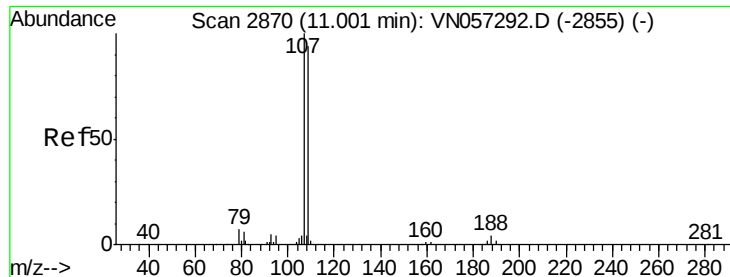
Tgt Ion: 43 Resp: 1367035
Ion Ratio Lower Upper
43 100
58 59.0 28.6 85.9



#60
Dibromochloromethane
Concen: 50.971 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN057412.D
Acq: 19 Aug 2019 19:59

Tgt Ion: 129 Resp: 446181
Ion Ratio Lower Upper
129 100
127 76.7 39.0 116.9

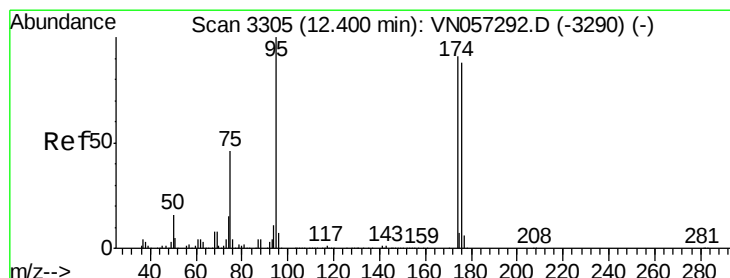
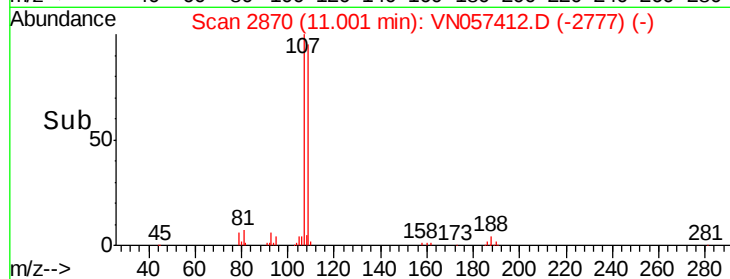
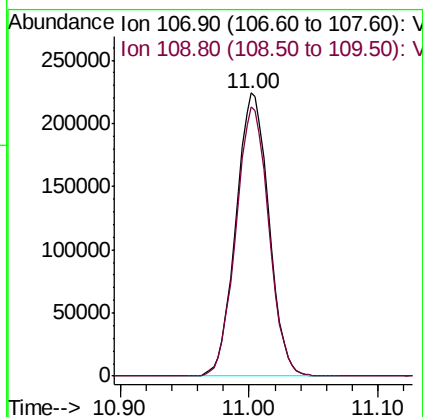
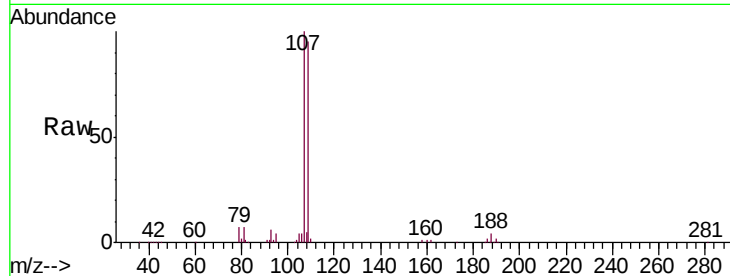




#61
 1,2-Dibromoethane
 Concen: 47.707 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN057412.D
 Acq: 19 Aug 2019 19:59

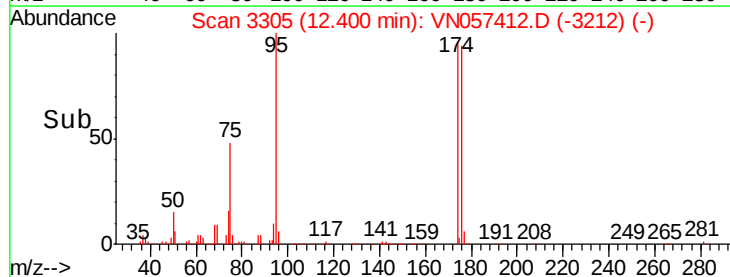
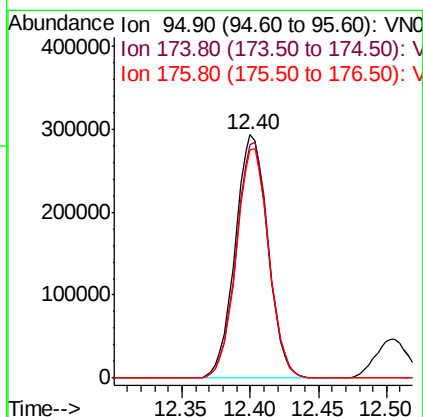
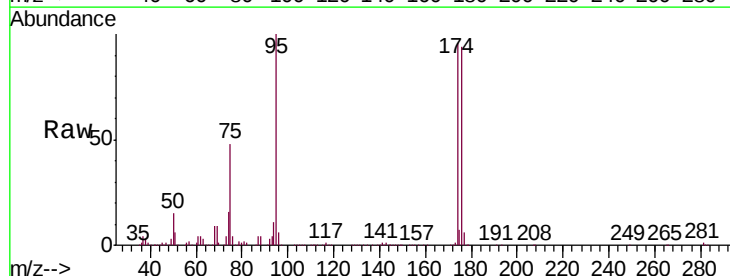
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

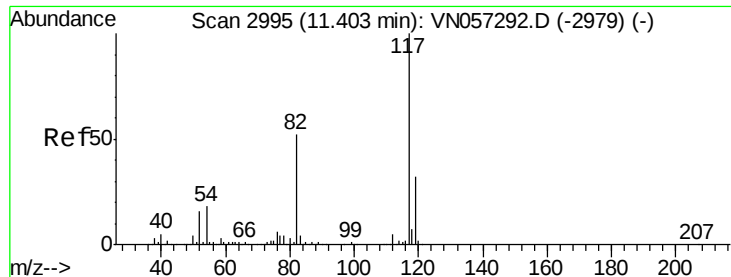
Tgt Ion: 107 Resp: 396971
 Ion Ratio Lower Upper
 107 100
 109 95.2 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 48.624 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN057412.D
 Acq: 19 Aug 2019 19:59

Tgt Ion: 95 Resp: 486887
 Ion Ratio Lower Upper
 95 100
 174 96.2 0.0 185.0
 176 93.5 0.0 181.0

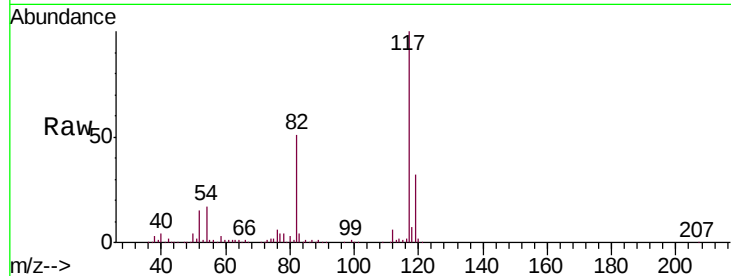




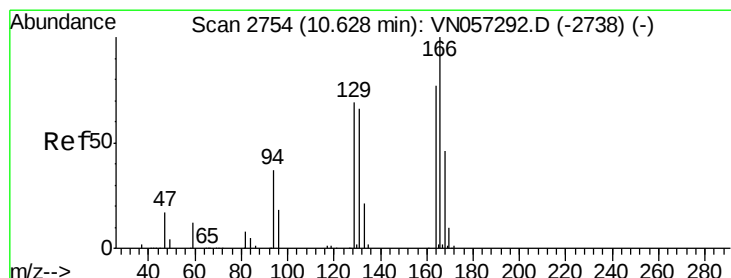
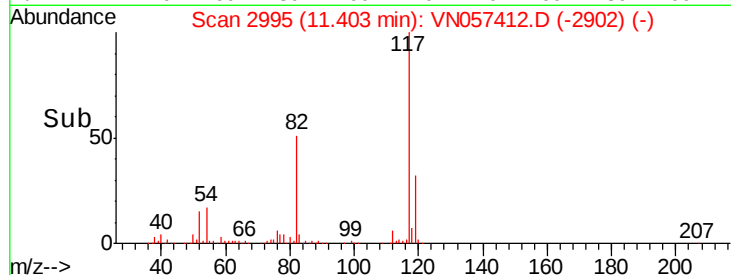
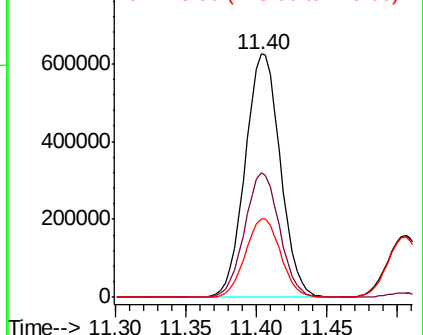
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057412.D
Acq: 19 Aug 2019 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 1092866
Ion Ratio Lower Upper
117 100
82 51.2 41.2 61.8
119 32.4 25.8 38.8

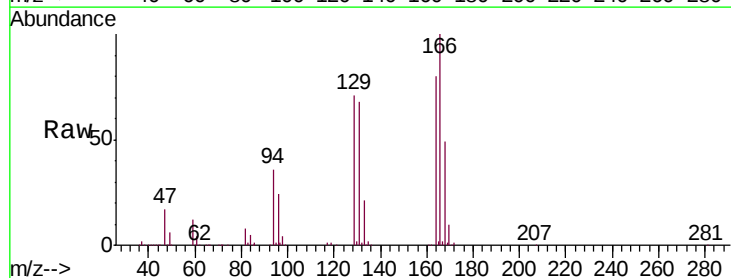


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

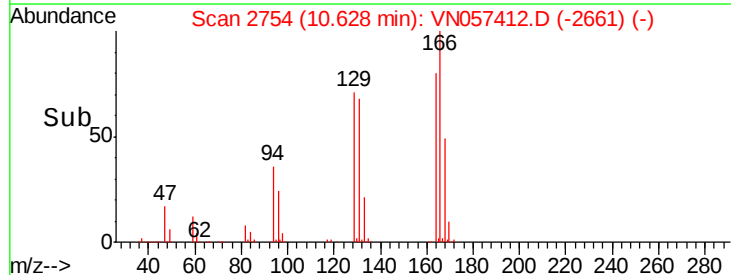
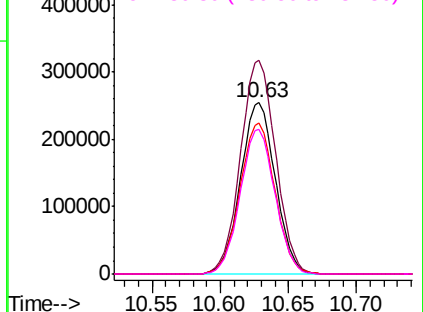


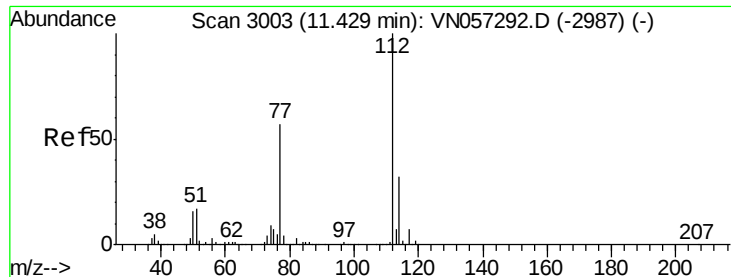
#64
Tetrachloroethene
Concen: 47.764 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057412.D
Acq: 19 Aug 2019 19:59

Tgt Ion:164 Resp: 451258
Ion Ratio Lower Upper
164 100
166 124.6 103.5 155.3
129 87.9 71.2 106.8
131 84.5 68.2 102.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

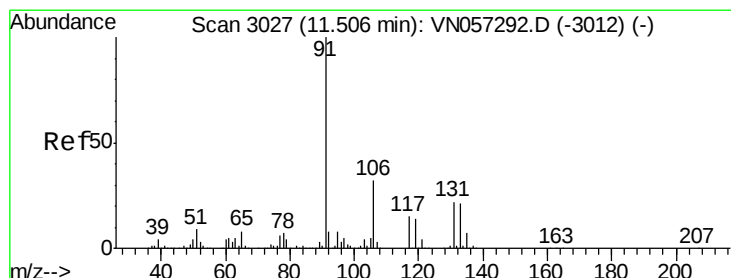
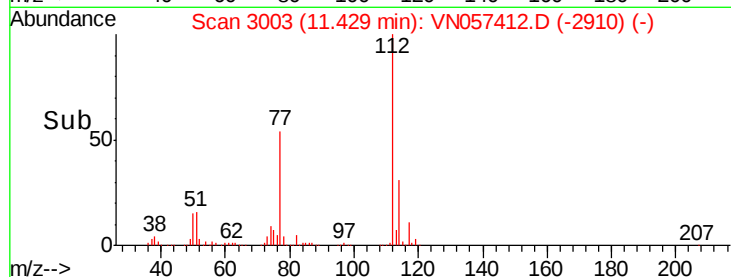
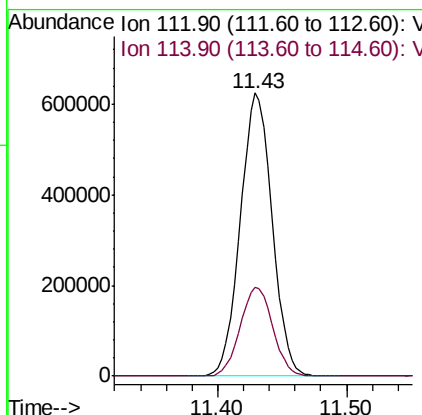
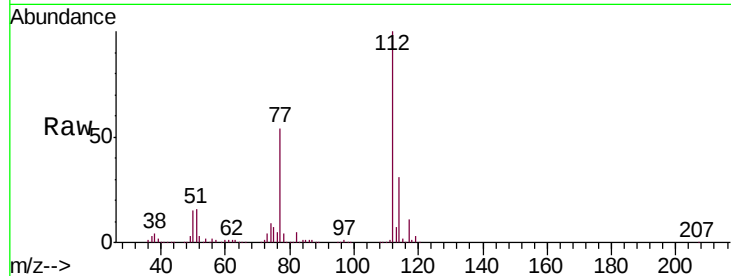




#65
Chlorobenzene
Concen: 47.996 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. 0.00 min
Lab File: VN057412.D
Acq: 19 Aug 2019 19:59

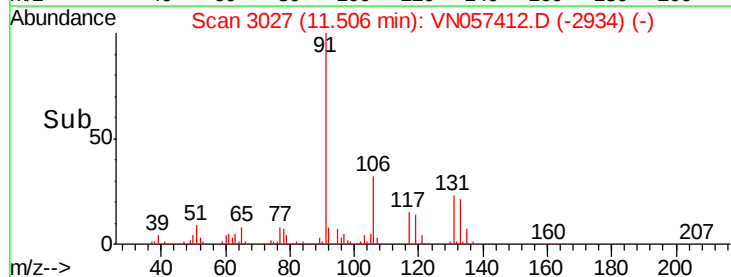
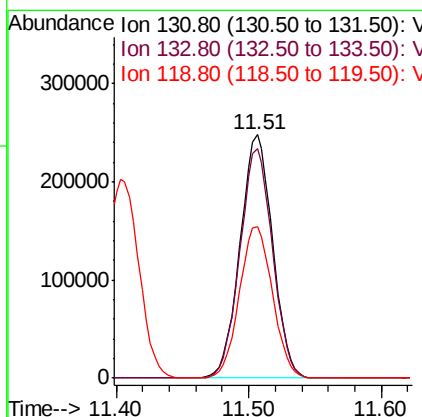
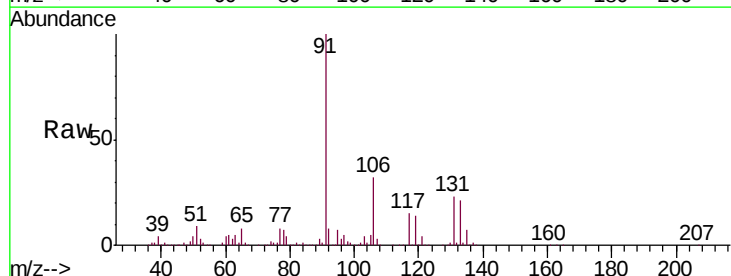
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

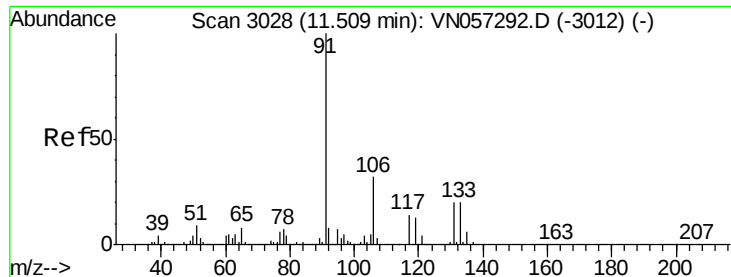
Tgt Ion:112 Resp: 1069807
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.524 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN057412.D
Acq: 19 Aug 2019 19:59

Tgt Ion:131 Resp: 422755
Ion Ratio Lower Upper
131 100
133 95.0 47.6 142.8
119 63.4 32.0 96.2

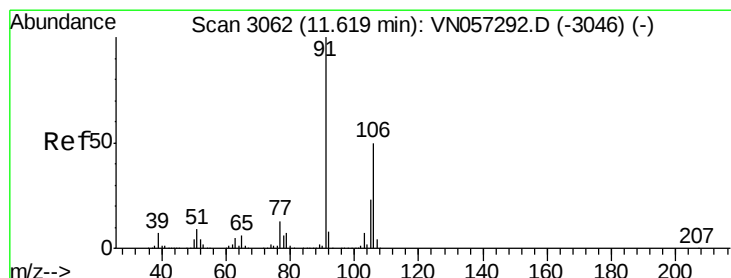
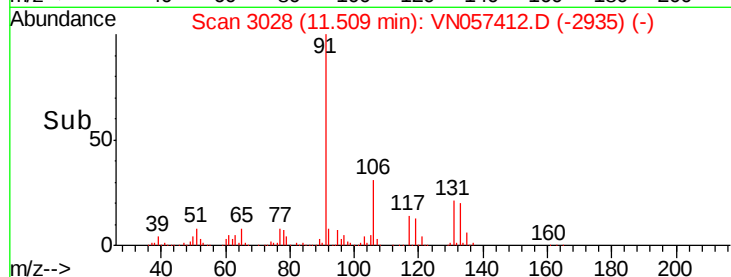
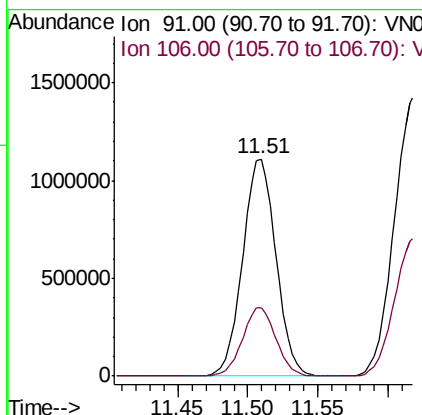
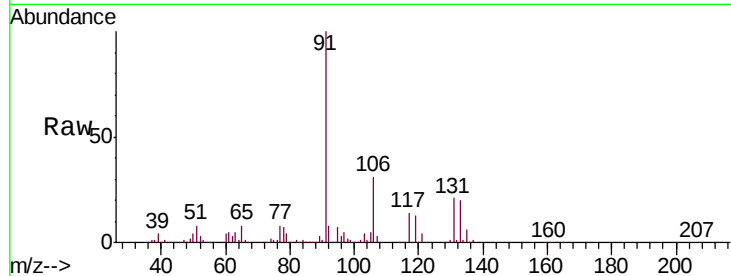




#67
Ethyl Benzene
Concen: 47.126 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057412.D
Acq: 19 Aug 2019 19:59

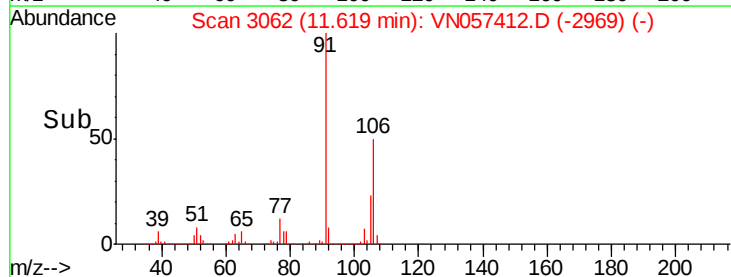
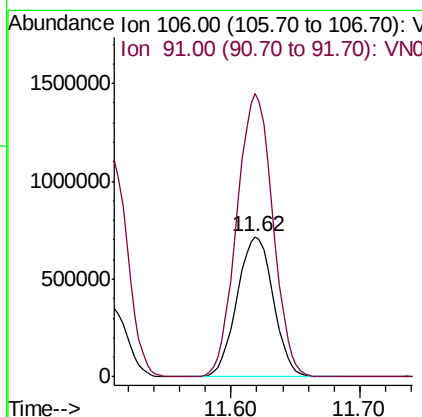
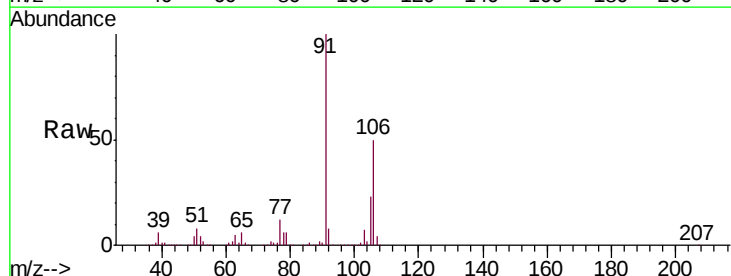
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

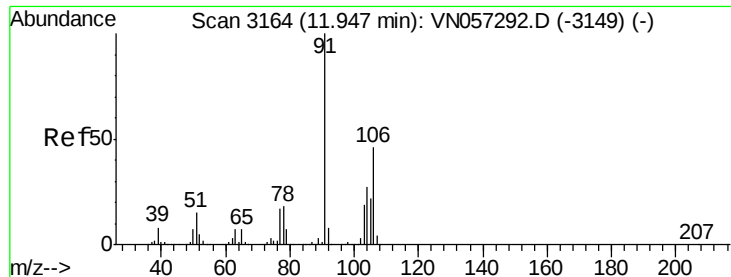
Tgt Ion: 91 Resp: 1837742
Ion Ratio Lower Upper
91 100
106 31.5 25.5 38.3



#68
m/p-Xylenes
Concen: 97.489 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN057412.D
Acq: 19 Aug 2019 19:59

Tgt Ion: 106 Resp: 1400701
Ion Ratio Lower Upper
106 100
91 200.7 161.5 242.3

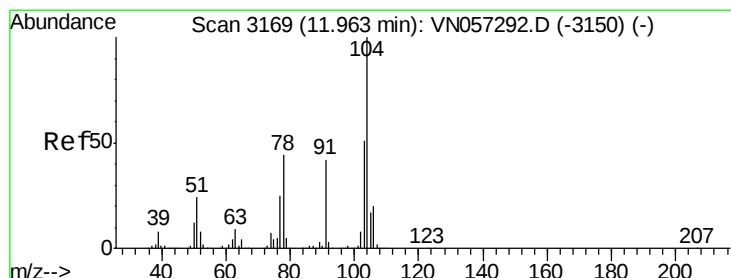
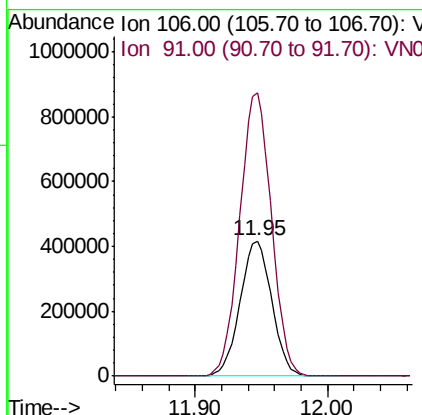
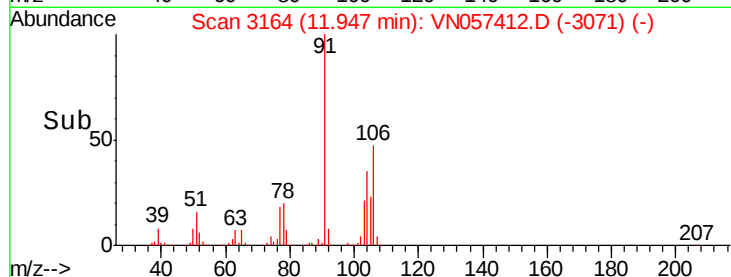
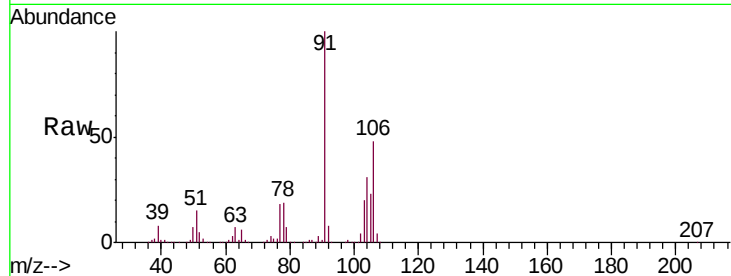




#69
o-Xylene
Concen: 48.987 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057412.D
Acq: 19 Aug 2019 19:59

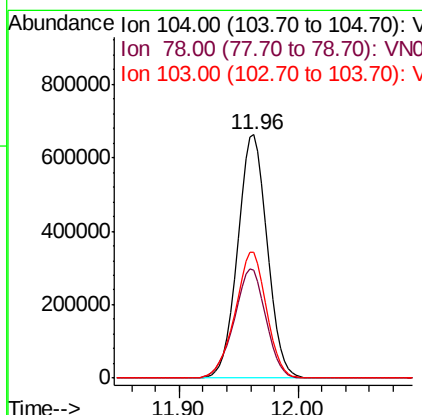
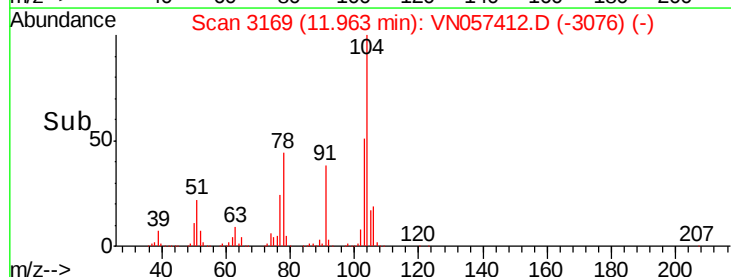
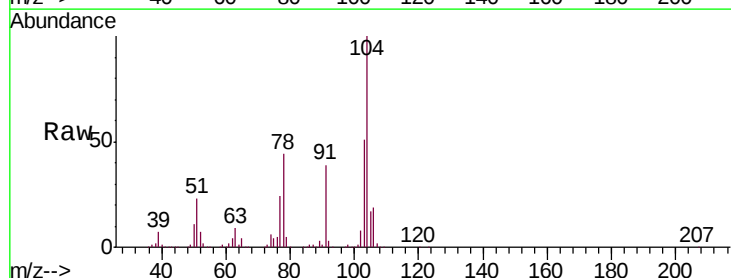
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

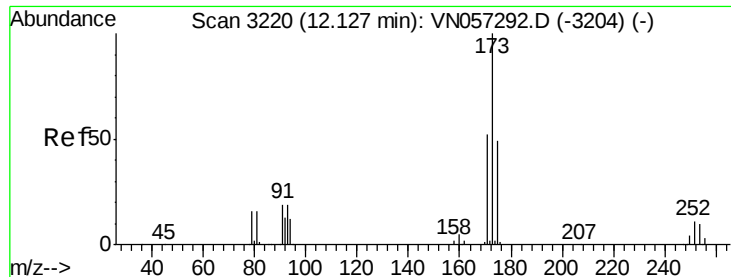
Tgt Ion:106 Resp: 691073
Ion Ratio Lower Upper
106 100
91 209.4 106.3 319.0



#70
Styrene
Concen: 50.579 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057412.D
Acq: 19 Aug 2019 19:59

Tgt Ion:104 Resp: 1137395
Ion Ratio Lower Upper
104 100
78 48.4 39.2 58.8
103 55.1 44.6 66.8





#71

Bromoform

Concen: 51.159 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

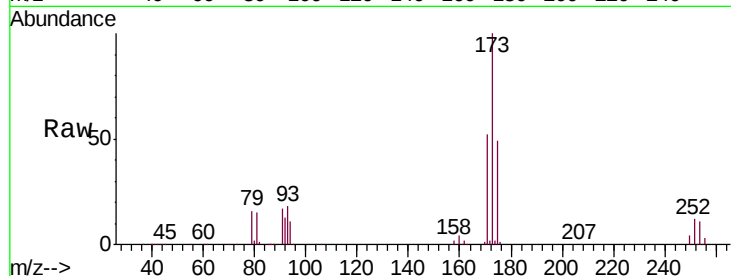
Tgt Ion:173 Resp: 344527

Ion Ratio Lower Upper

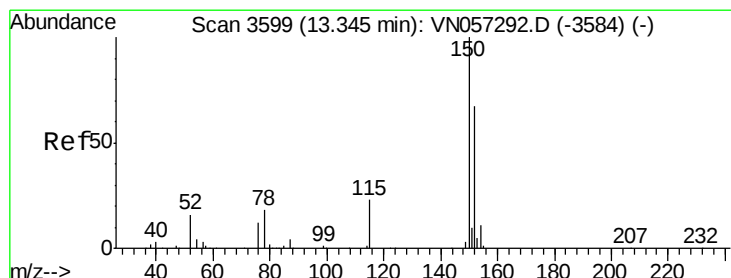
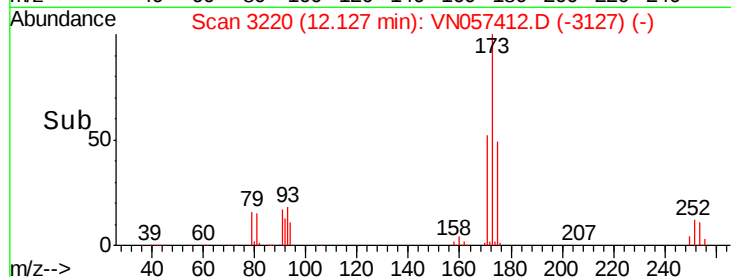
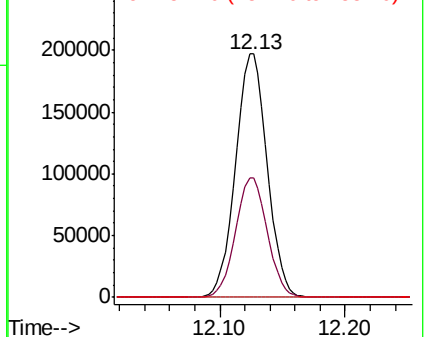
173 100

175 49.2 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: VN057412.D

Acq: 19 Aug 2019 19:59

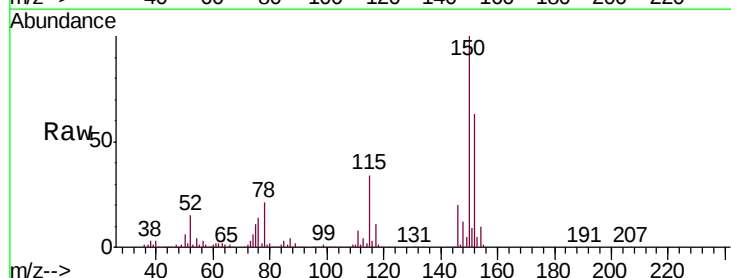
Tgt Ion:152 Resp: 469604

Ion Ratio Lower Upper

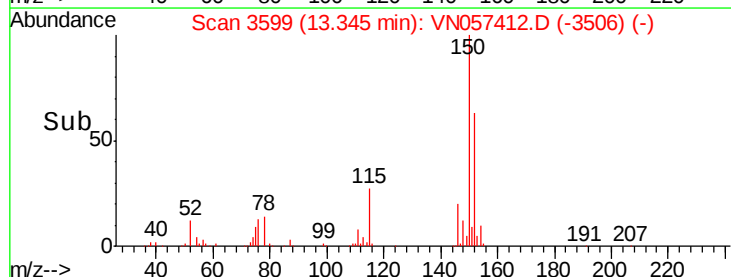
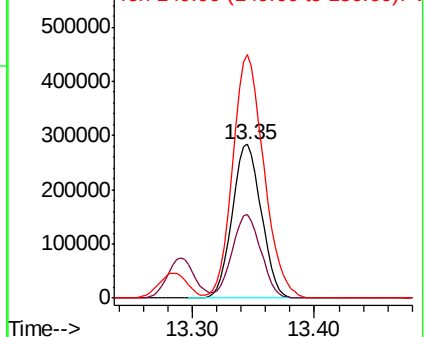
152 100

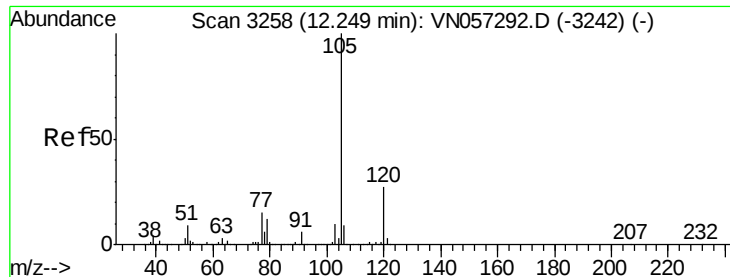
115 54.2 27.3 81.9

150 169.8 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: 49.226 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

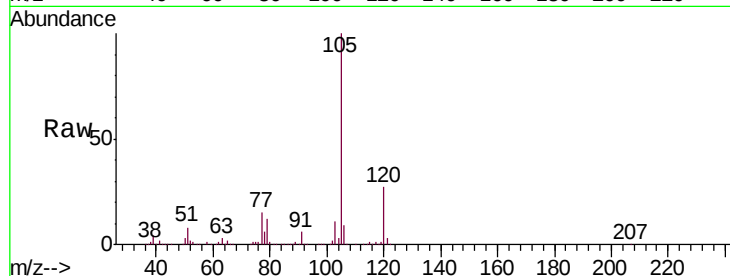
VSTDCCC050EC

Tgt Ion: 105 Resp: 1840230

Ion Ratio Lower Upper

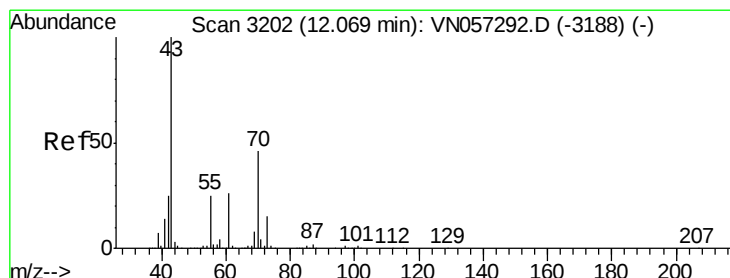
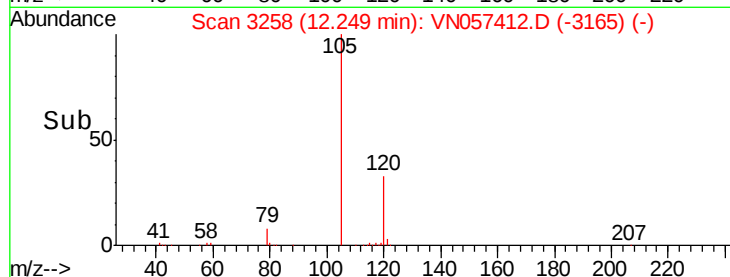
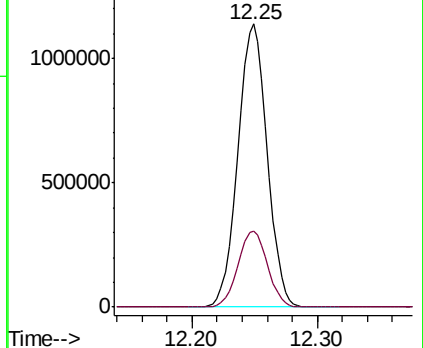
105 100

120 27.2 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 38.958 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

Tgt Ion: 43 Resp: 530883

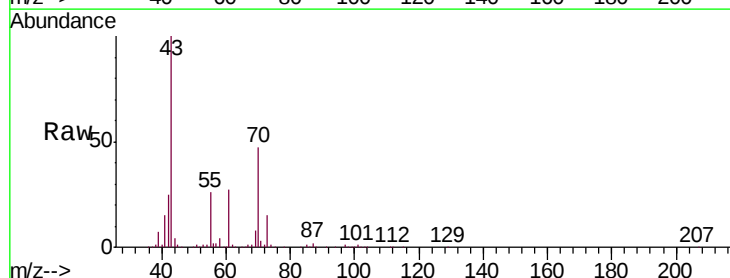
Ion Ratio Lower Upper

43 100

70 47.6 36.2 54.2

55 26.3 20.1 30.1

61 26.7 20.9 31.3

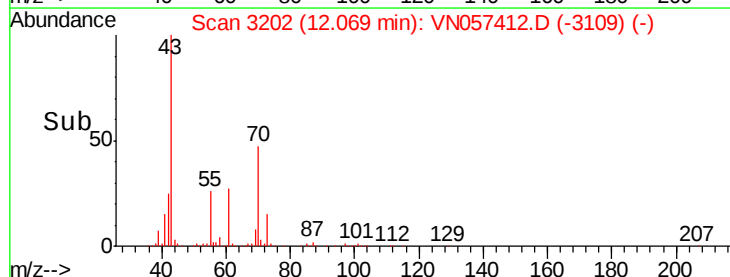
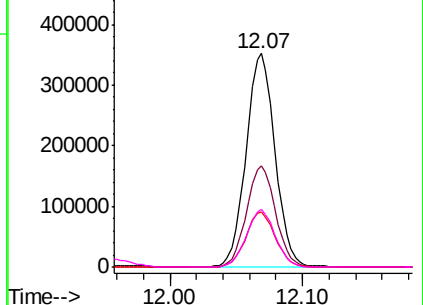


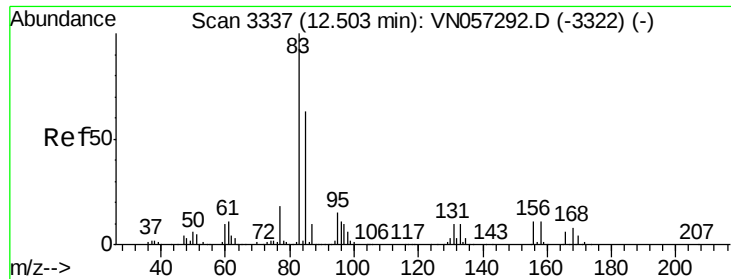
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 47.965 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

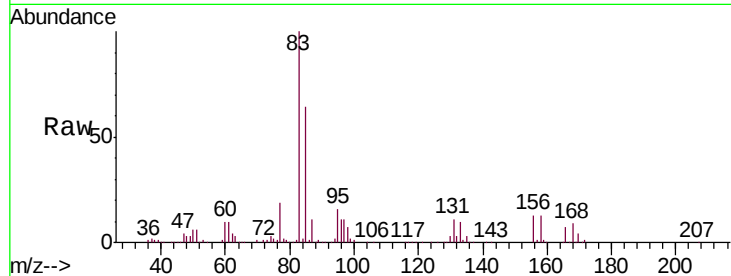
Tgt Ion: 83 Resp: 502580

Ion Ratio Lower Upper

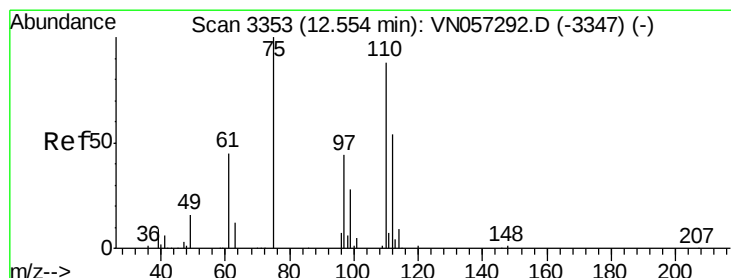
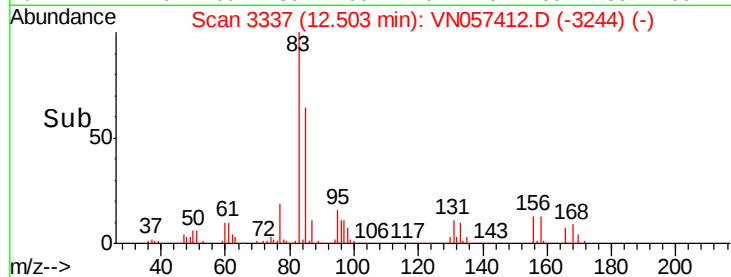
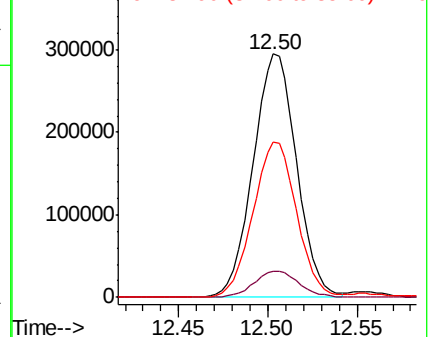
83 100

131 11.2 5.4 16.2

85 63.8 32.3 96.9



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



#76

1,2,3-Trichloropropane

Concen: 68.303 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN057412.D

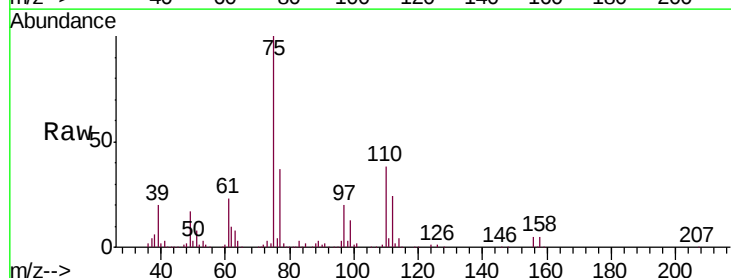
Acq: 19 Aug 2019 19:59

Tgt Ion: 75 Resp: 625334

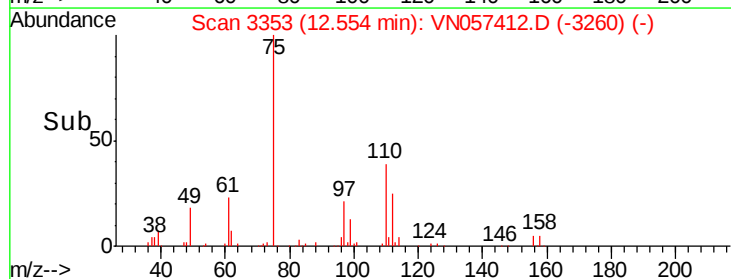
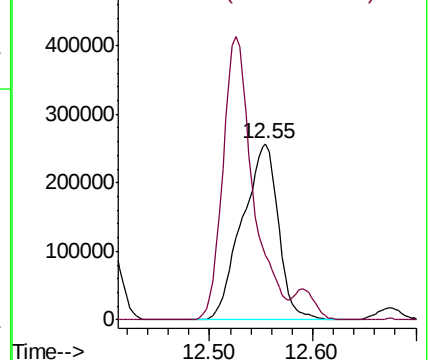
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 49.353 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

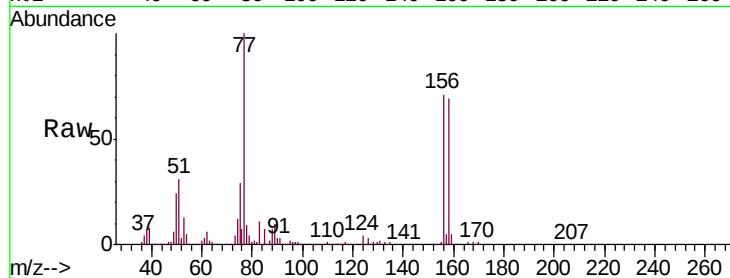
Tgt Ion:156 Resp: 497051

Ion Ratio Lower Upper

156 100

77 169.8 89.8 269.6

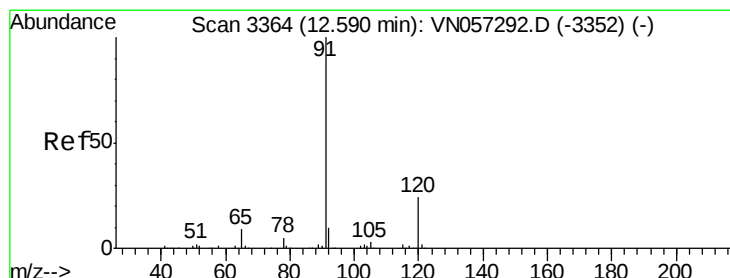
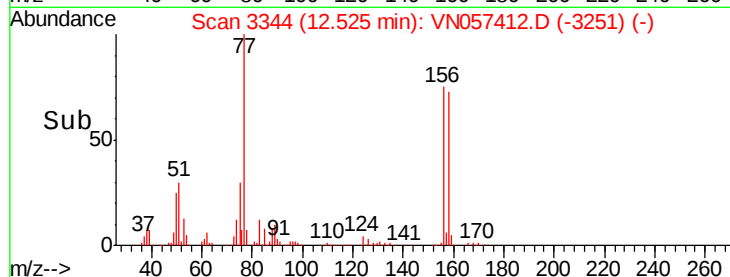
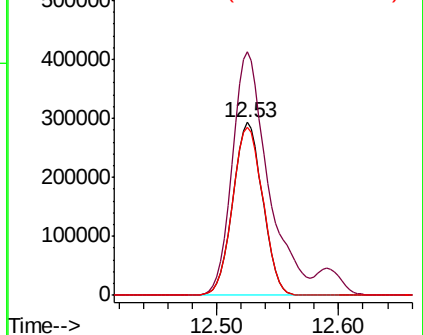
158 99.3 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 43.660 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN057412.D

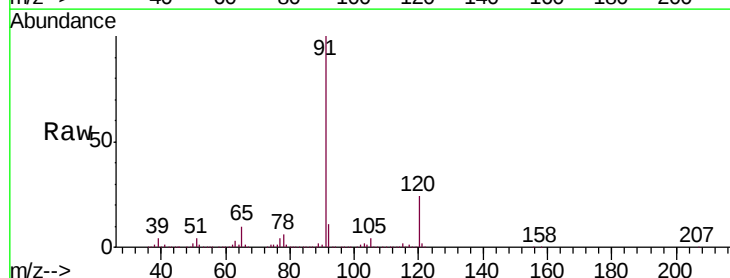
Acq: 19 Aug 2019 19:59

Tgt Ion: 91 Resp: 1974380

Ion Ratio Lower Upper

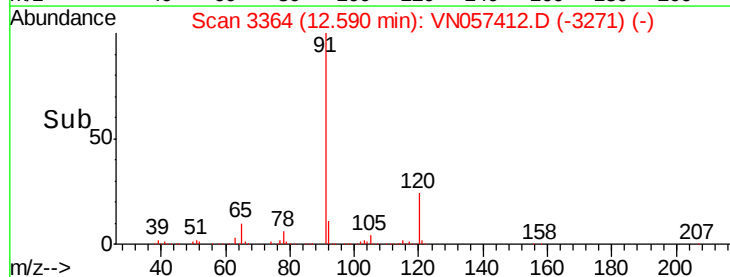
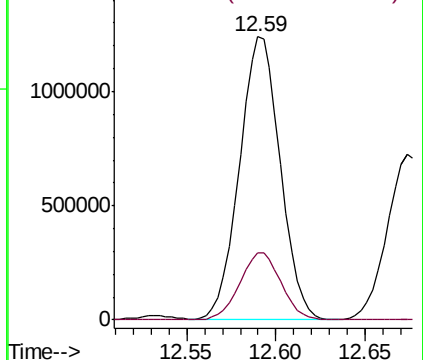
91 100

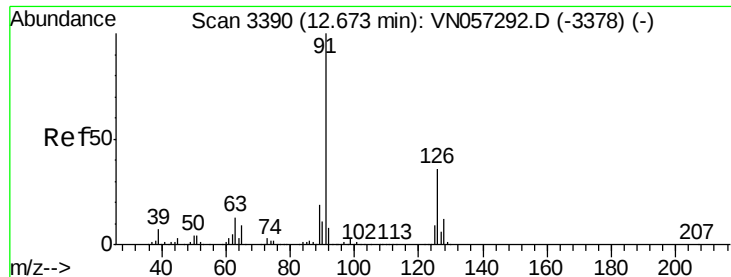
120 24.0 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.365 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

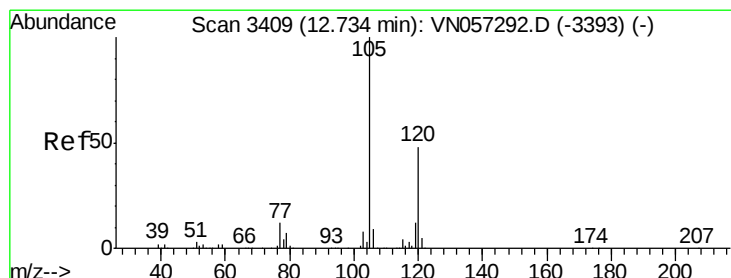
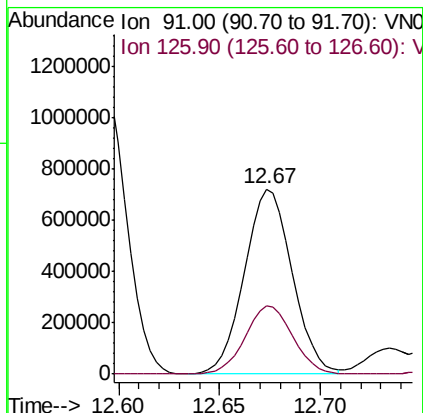
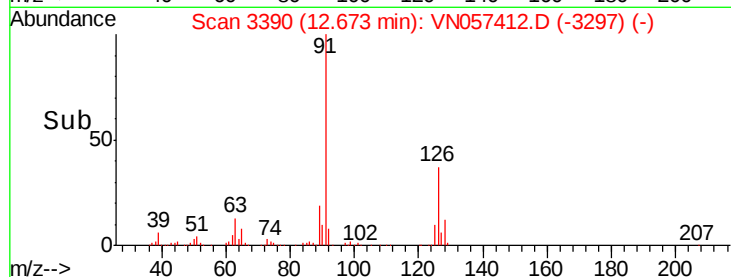
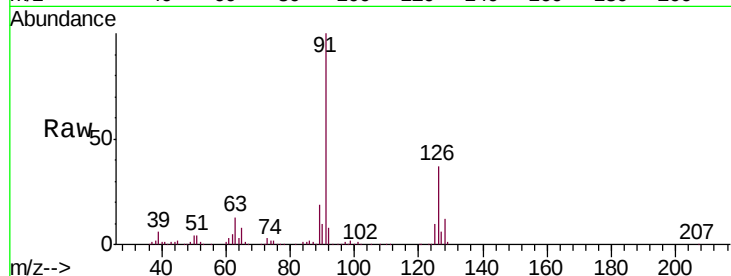
VSTDCCC050EC

Tgt Ion: 91 Resp: 1197642

Ion Ratio Lower Upper

91 100

126 36.8 18.1 54.1



#80

1,3,5-Trimethylbenzene

Concen: 49.200 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057412.D

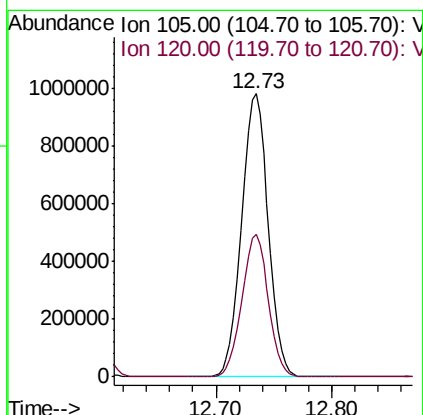
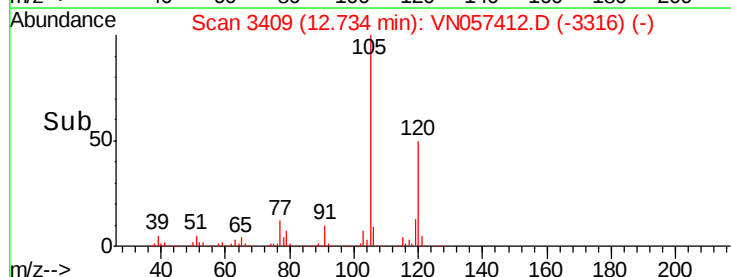
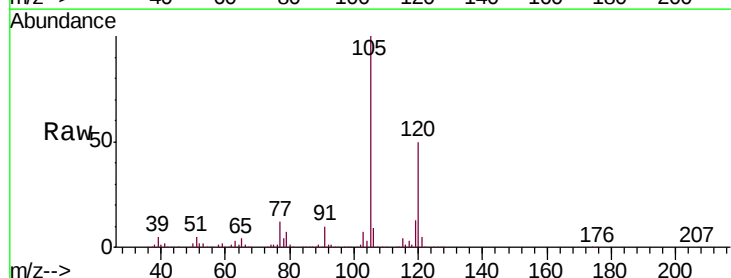
Acq: 19 Aug 2019 19:59

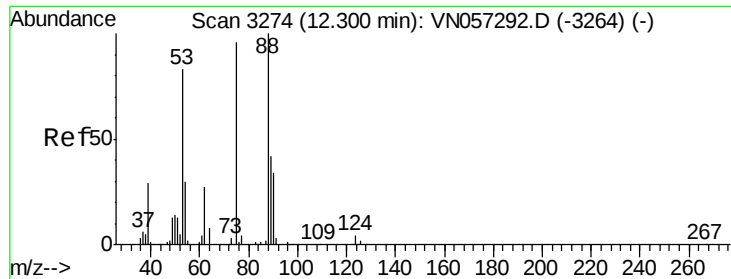
Tgt Ion: 105 Resp: 1557863

Ion Ratio Lower Upper

105 100

120 50.0 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 42.295 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

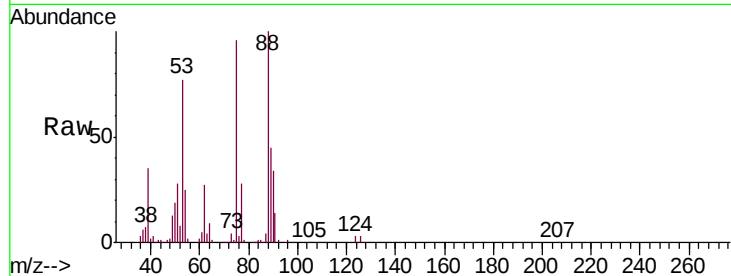
Tgt Ion: 75 Resp: 162887

Ion Ratio Lower Upper

75 100

53 81.1 67.9 101.9

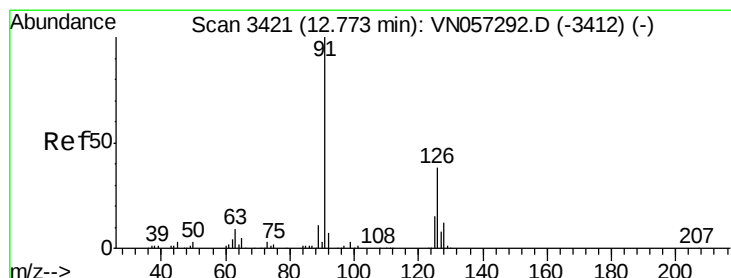
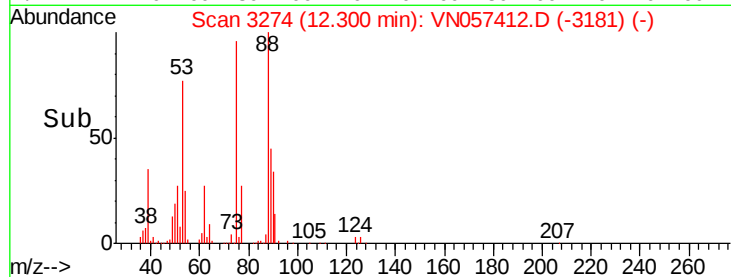
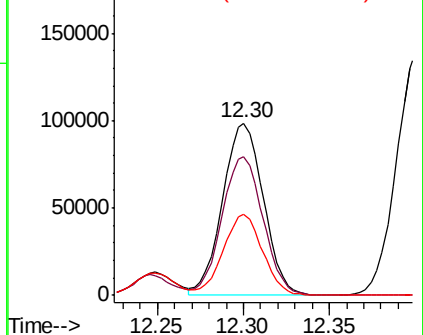
89 45.4 36.2 54.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 43.590 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN057412.D

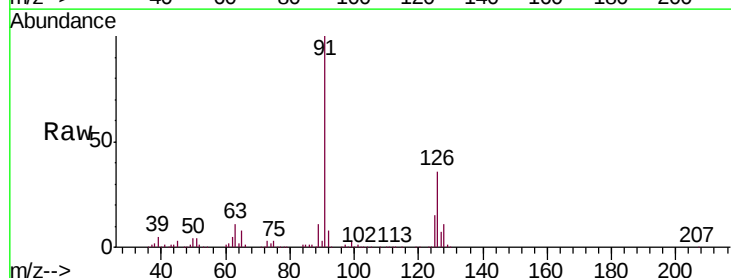
Acq: 19 Aug 2019 19:59

Tgt Ion: 91 Resp: 1168101

Ion Ratio Lower Upper

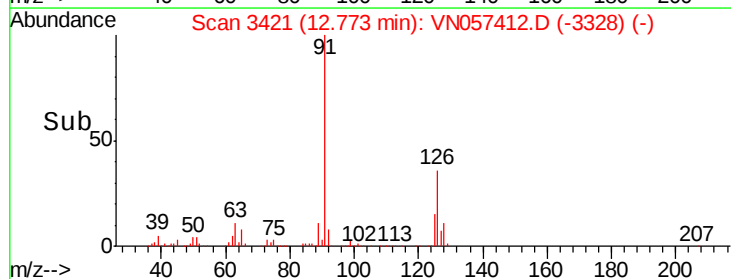
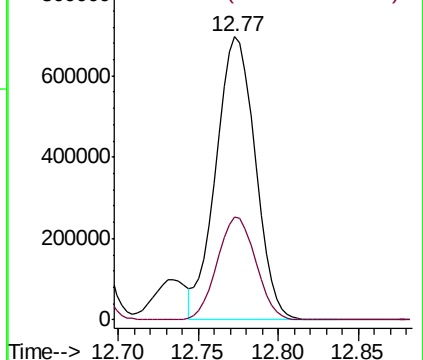
91 100

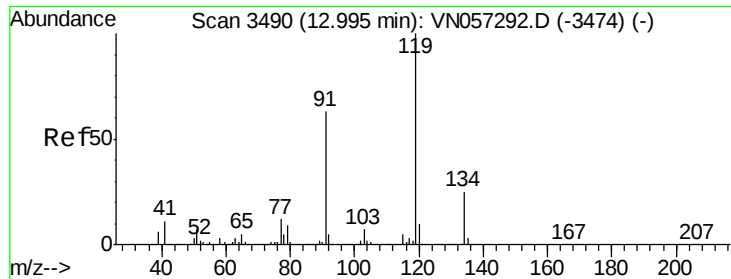
126 35.8 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

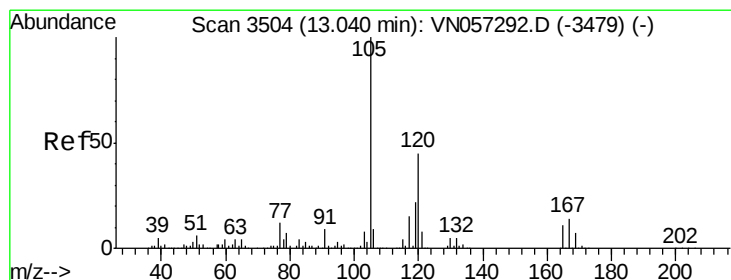
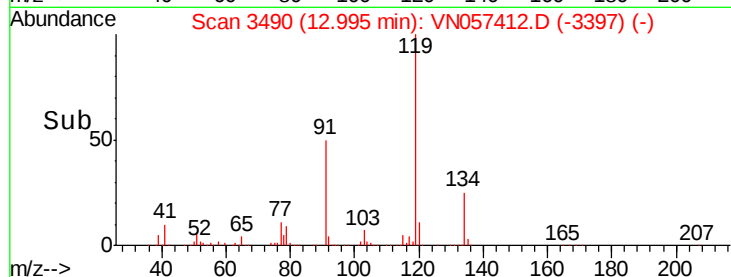
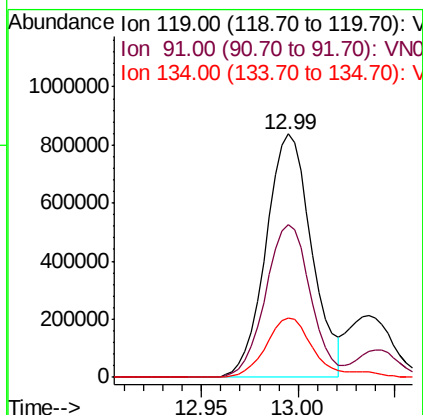
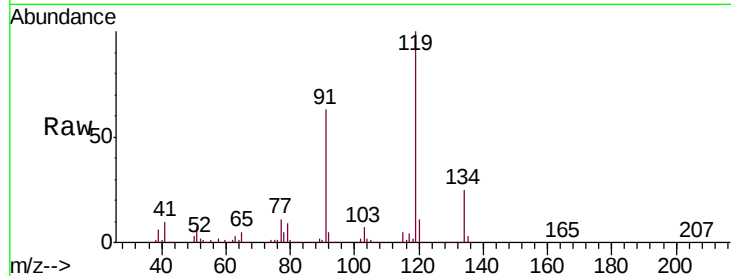




#83
 tert-Butylbenzene
 Concen: 49.696 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN057412.D
 Acq: 19 Aug 2019 19:59

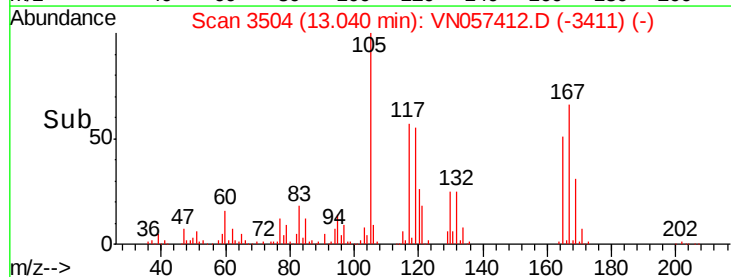
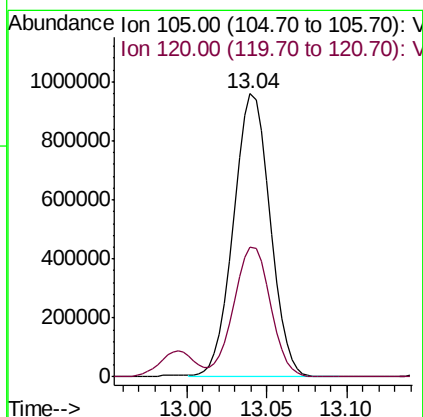
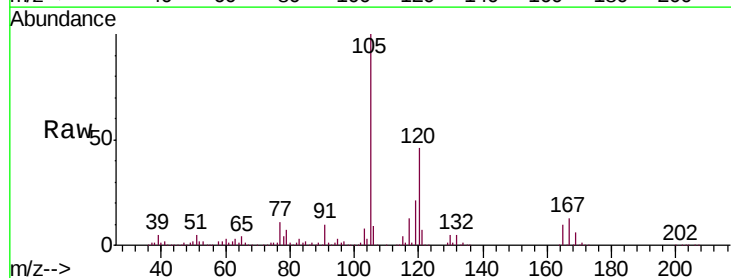
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

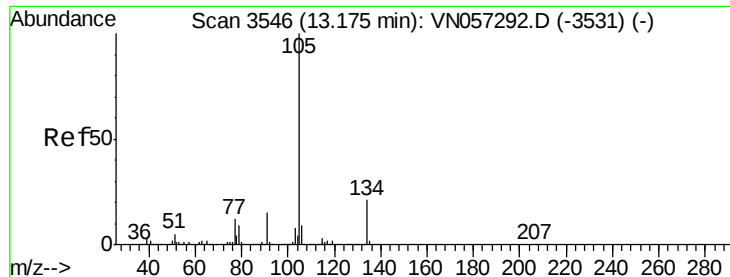
Tgt Ion:119 Resp: 1380925
 Ion Ratio Lower Upper
 119 100
 91 62.1 31.3 93.8
 134 26.0 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 44.127 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN057412.D
 Acq: 19 Aug 2019 19:59

Tgt Ion:105 Resp: 1492544
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.6 67.7





#85

sec-Butylbenzene

Concen: 48.385 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

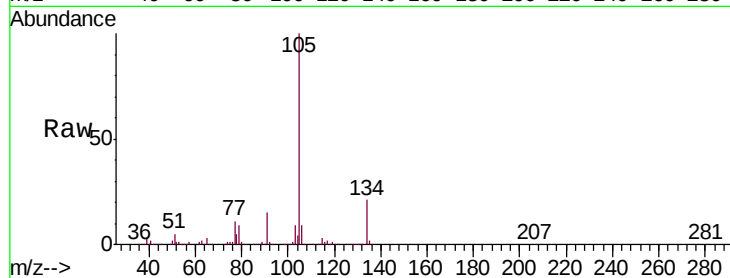
VSTDCCC050EC

Tgt Ion:105 Resp: 1720668

Ion Ratio Lower Upper

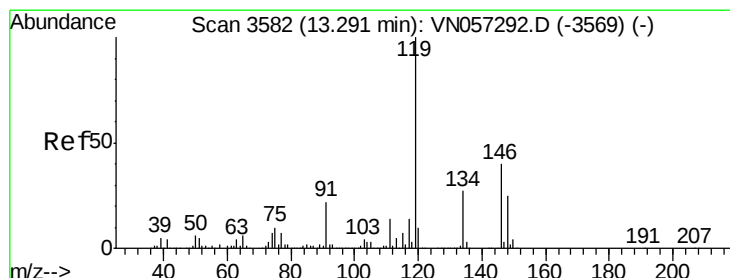
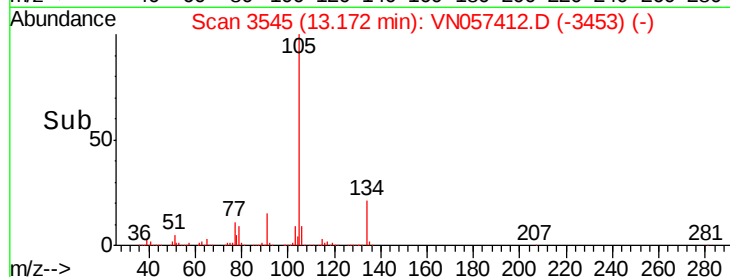
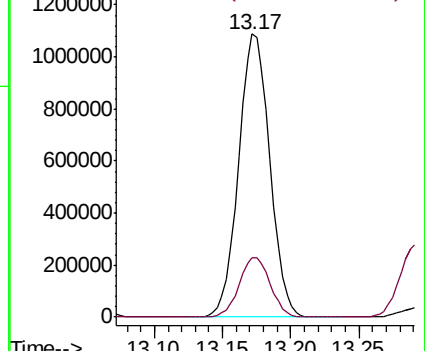
105 100

134 21.1 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: 45.450 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

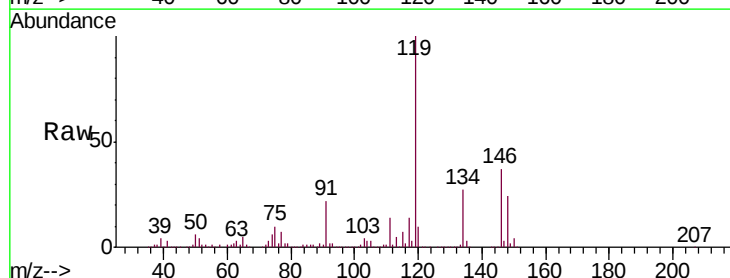
Tgt Ion:119 Resp: 1573924

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

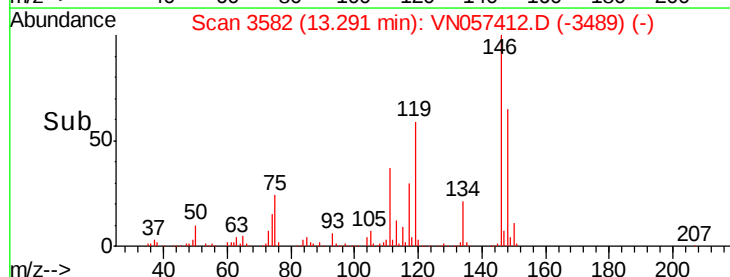
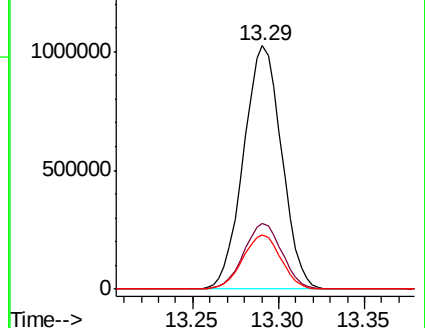
91 22.3 11.2 33.5

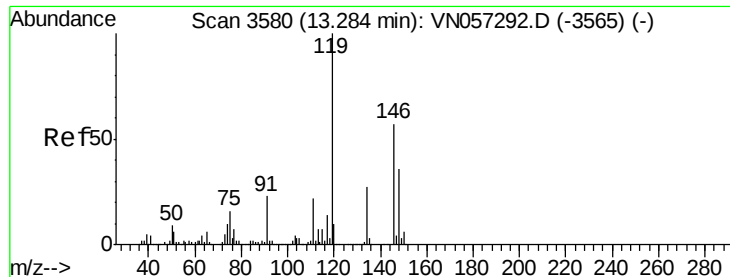


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 46.188 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

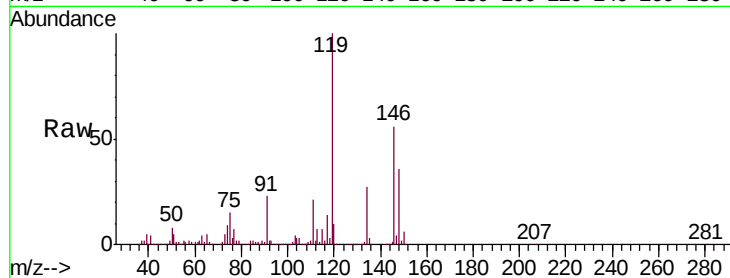
Tgt Ion:146 Resp: 759956

Ion Ratio Lower Upper

146 100

111 37.2 18.7 56.1

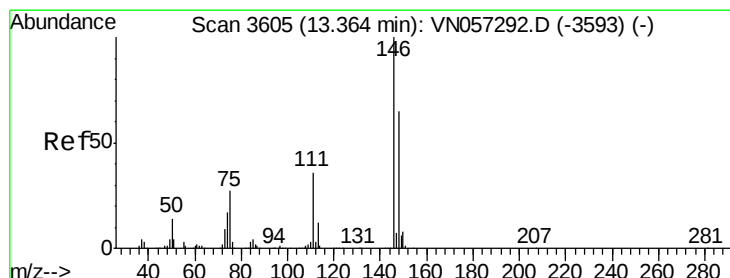
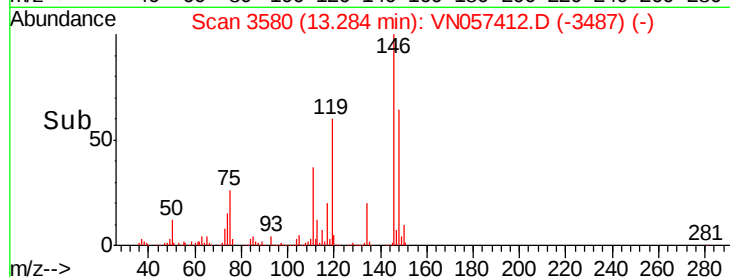
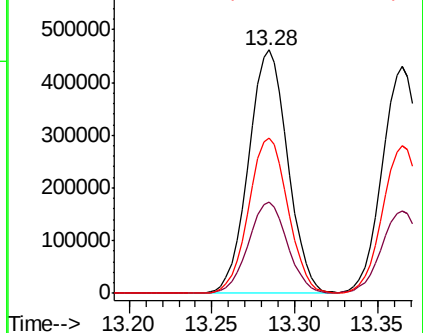
148 64.2 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 45.291 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

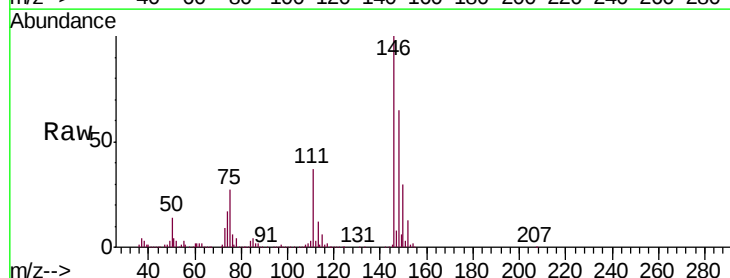
Tgt Ion:146 Resp: 707385

Ion Ratio Lower Upper

146 100

111 36.9 18.4 55.4

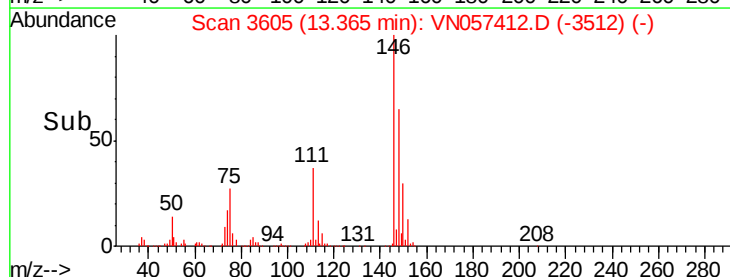
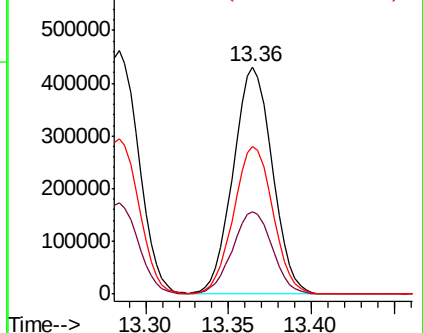
148 65.3 32.5 97.4

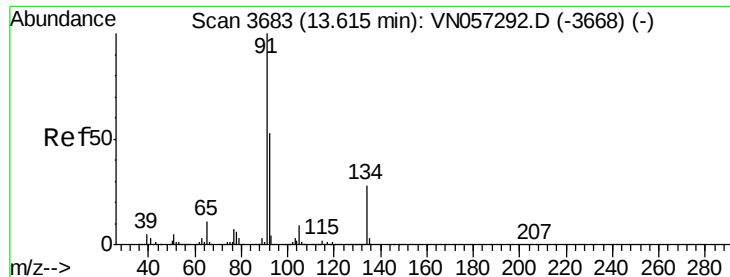


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

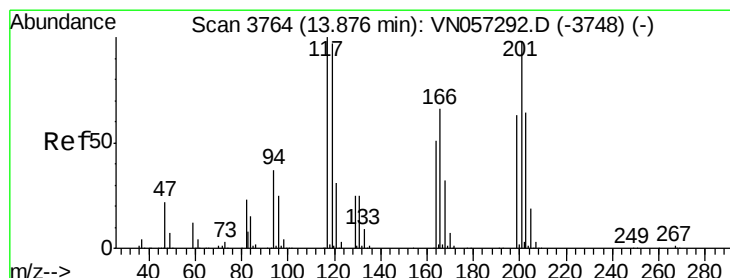
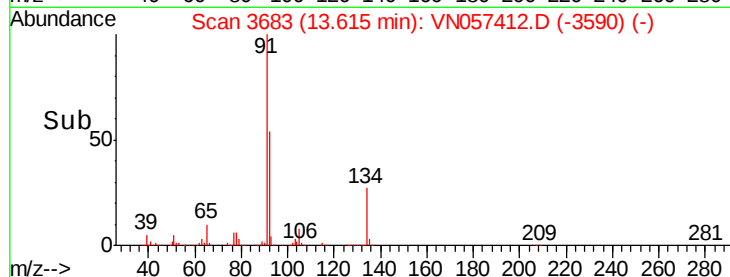
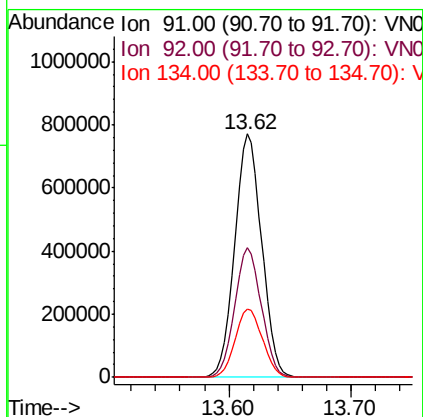
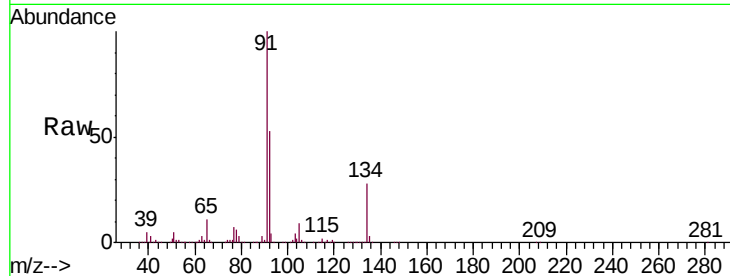




#89
n-Butylbenzene
Concen: 47.701 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN057412.D
Acq: 19 Aug 2019 19:59

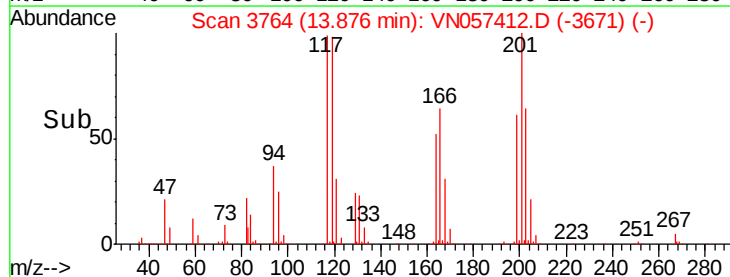
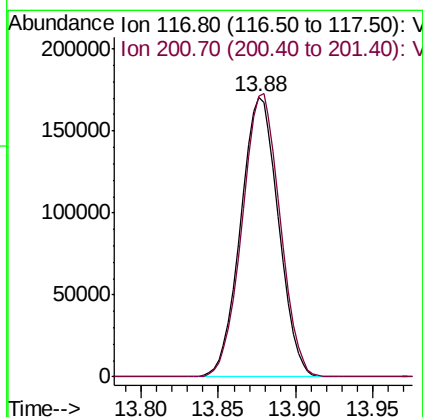
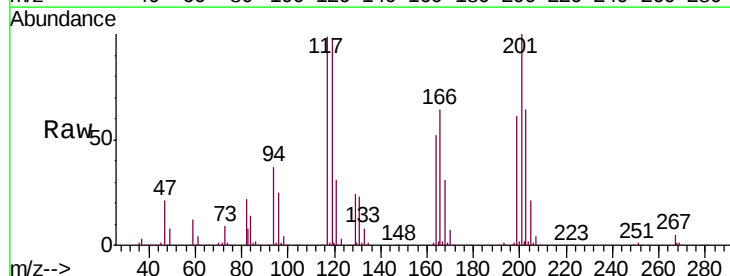
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

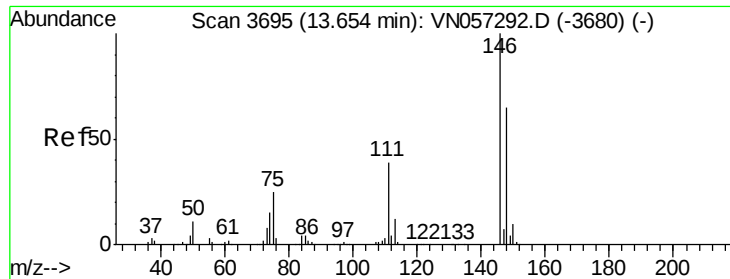
Tgt Ion: 91 Resp: 1177622
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.6
134 28.4 13.9 41.7



#90
Hexachloroethane
Concen: 49.215 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN057412.D
Acq: 19 Aug 2019 19:59

Tgt Ion: 117 Resp: 290080
Ion Ratio Lower Upper
117 100
201 101.3 48.4 145.0





#91

1,2-Dichlorobenzene

Concen: 46.631 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

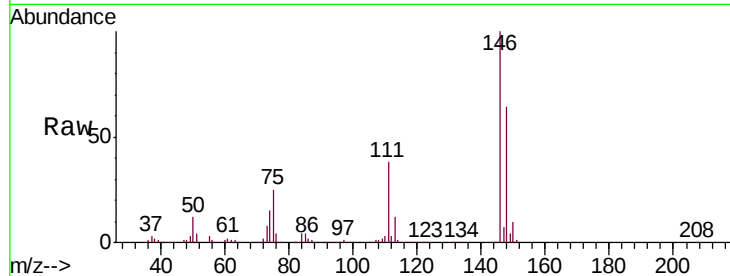
Tgt Ion:146 Resp: 715226

Ion Ratio Lower Upper

146 100

111 38.4 19.7 59.1

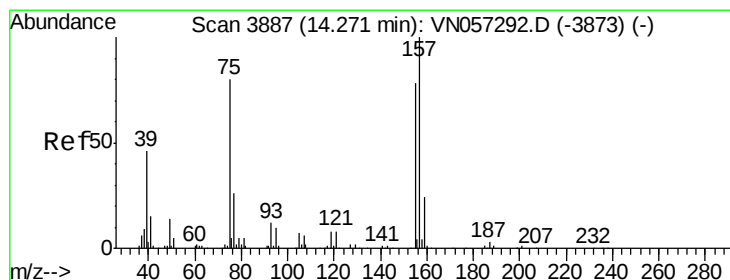
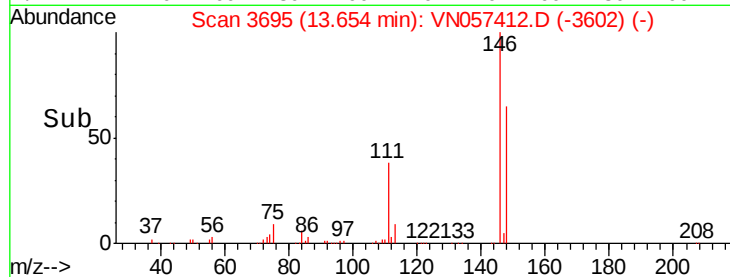
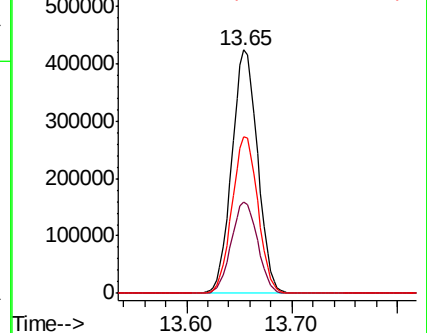
148 64.7 32.0 96.0



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: 39.320 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

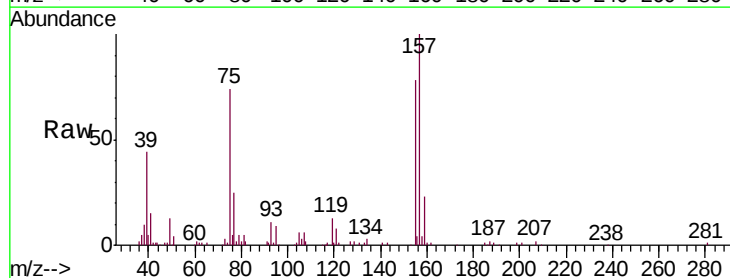
Tgt Ion: 75 Resp: 65846

Ion Ratio Lower Upper

75 100

155 104.6 49.6 148.8

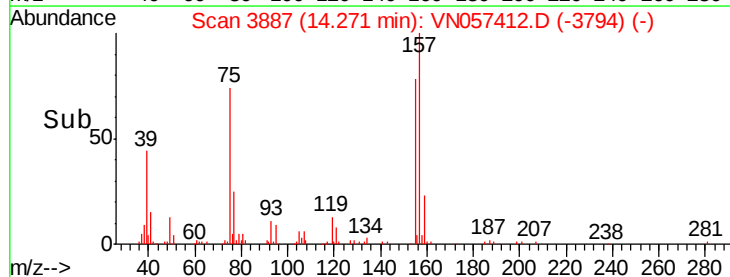
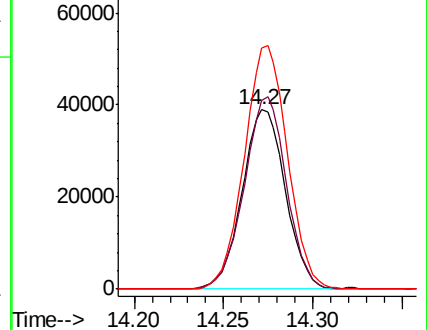
157 135.6 63.7 191.1

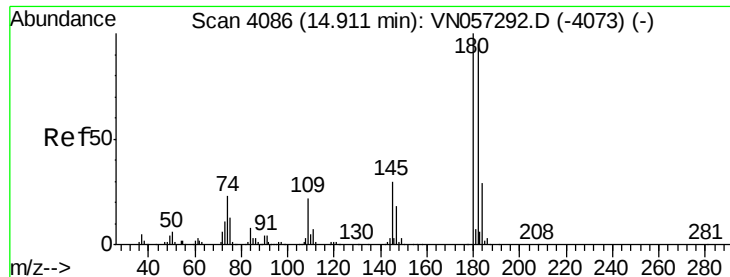


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

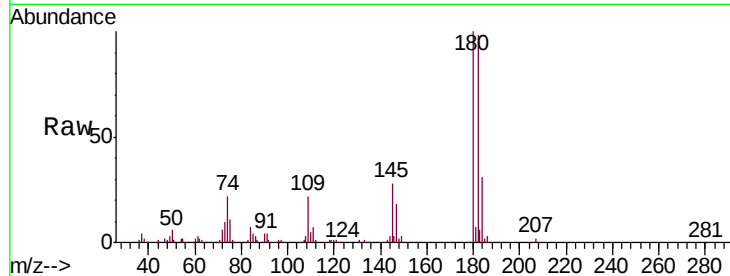




#93
 1,2,4-Trichlorobenzene
 Concen: 39.459 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN057412.D
 Acq: 19 Aug 2019 19:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	48.0	144.2
145	28.1	14.5	43.6

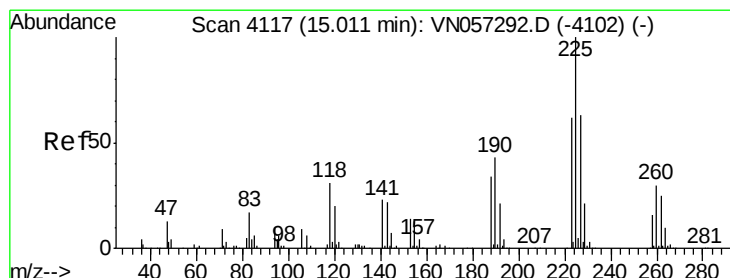
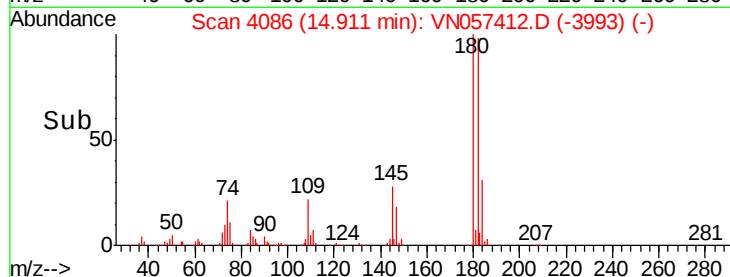
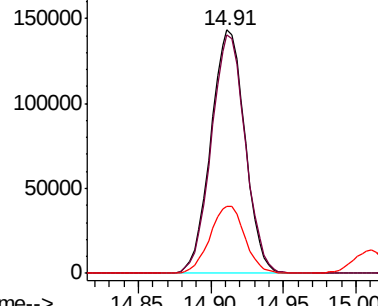


Abundance

Ion 179.80 (179.50 to 180.50): V

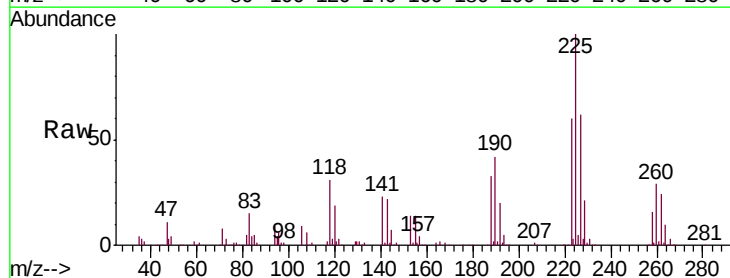
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 53.375 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN057412.D
 Acq: 19 Aug 2019 19:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	30.7	92.1
227	62.9	30.9	92.7

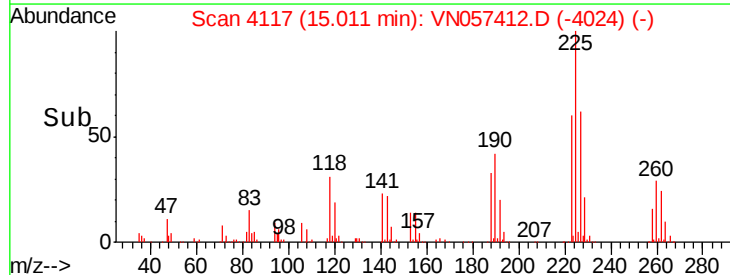
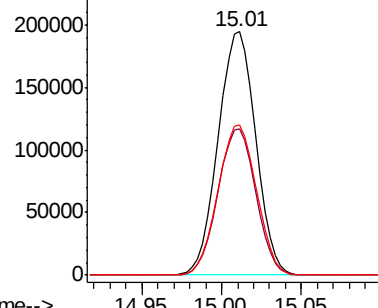


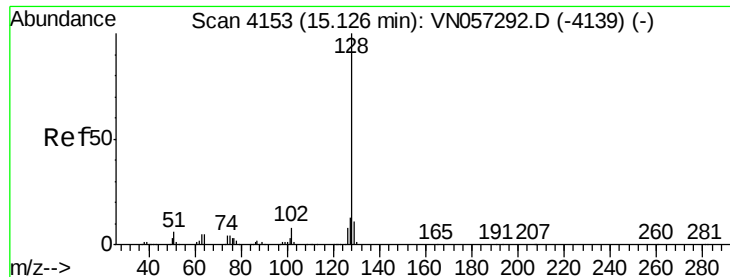
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 50.245 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

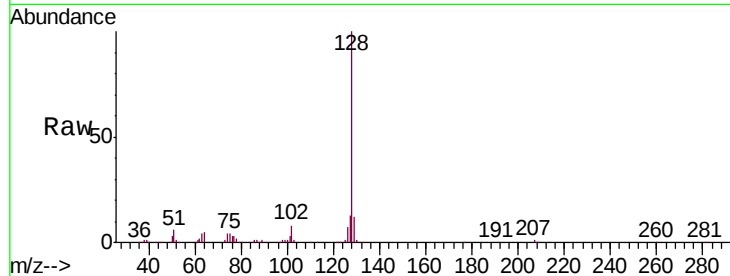
Tgt Ion:128 Resp: 471919

Ion Ratio Lower Upper

128 100

127 12.6 10.5 15.7

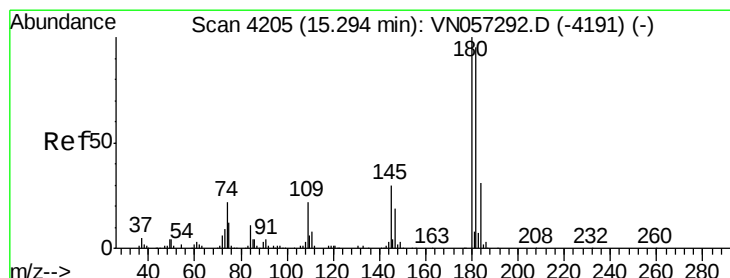
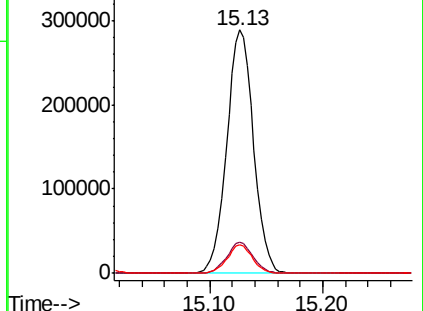
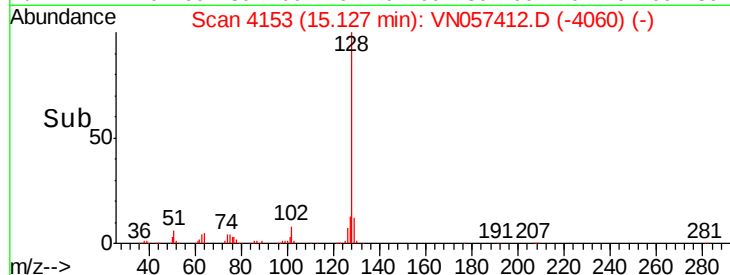
129 11.1 8.8 13.2



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: 50.488 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. 0.00 min

Lab File: VN057412.D

Acq: 19 Aug 2019 19:59

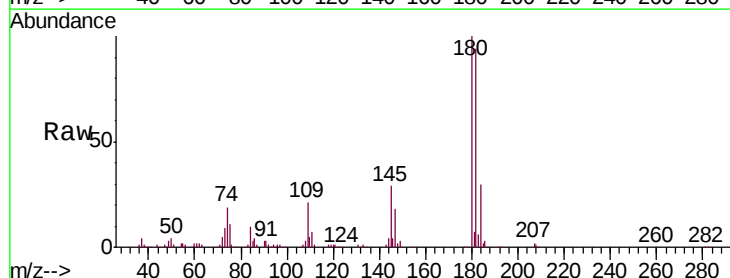
Tgt Ion:180 Resp: 215090

Ion Ratio Lower Upper

180 100

182 96.5 47.9 143.6

145 29.1 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

