

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110719\
 Data File : VN059128.D
 Acq On : 7 Nov 2019 17:44
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 08 01:17:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	503848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	779711	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	711811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	341080	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	290895	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	
35) Dibromofluoromethane	7.57	113	227228	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	10.08	98	890823	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
62) 4-Bromofluorobenzene	12.40	95	327249	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	226779	44.672	ug/l	100
3) Chloromethane	2.04	50	294279	42.645	ug/l	100
4) Vinyl Chloride	2.17	62	297721	44.500	ug/l	98
5) Bromomethane	2.54	94	138611	36.003	ug/l	99
6) Chloroethane	2.68	64	178387	45.074	ug/l	97
7) Trichlorofluoromethane	3.00	101	369910	46.225	ug/l	99
8) Diethyl Ether	3.39	74	149149	45.870	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	222947	46.207	ug/l	100
10) Methyl Iodide	3.93	142	238057	39.860	ug/l	99
11) Tert butyl alcohol	4.75	59	240818	204.020	ug/l	99
12) 1,1-Dichloroethene	3.72	96	217773	46.333	ug/l	99
13) Acrolein	3.58	56	122282	200.933	ug/l	98
14) Allyl chloride	4.30	41	432407	44.787	ug/l	99
15) Acrylonitrile	4.95	53	714556	243.251	ug/l	99
16) Acetone	3.79	43	650002	201.815	ug/l	99
17) Carbon Disulfide	4.03	76	638589	43.768	ug/l	99
18) Methyl Acetate	4.30	43	368609	48.217	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	776038	47.957	ug/l	100
20) Methylene Chloride	4.53	84	257601	45.909	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	234061	46.394	ug/l	100
22) Diisopropyl ether	5.92	45	863598	47.356	ug/l	99
23) Vinyl Acetate	5.87	43	3615116	255.785	ug/l	100
24) 1,1-Dichloroethane	5.82	63	472187	46.359	ug/l	99
25) 2-Butanone	6.81	43	971693	228.913	ug/l	100
26) 2,2-Dichloropropane	6.80	77	389167	43.696	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	271946	46.462	ug/l	99
28) Bromochloromethane	7.17	49	140371	45.808	ug/l	99
29) Tetrahydrofuran	7.18	42	641102	237.696	ug/l	99
30) Chloroform	7.35	83	451037	46.163	ug/l	99
31) Cyclohexane	7.63	56	429180	44.510	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	389097	47.366	ug/l	100
36) 1,1-Dichloropropene	7.77	75	344410	47.257	ug/l	99
37) Ethyl Acetate	6.90	43	390345	48.145	ug/l	100
38) Carbon Tetrachloride	7.75	117	341871	47.129	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	405734	47.968	ug/l	100
40) Benzene	8.02	78	1046446	47.681	ug/l	99
41) Methacrylonitrile	7.18	41	560948	159.108	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	357791	47.533	ug/l	100
43) Isopropyl Acetate	8.14	43	621032	48.046	ug/l	99
44) Trichloroethene	8.82	130	253344	46.960	ug/l	100
45) 1,2-Dichloropropane	9.10	63	285182	47.840	ug/l	97
46) Dibromomethane	9.19	93	172840	46.529	ug/l	99
47) Bromodichloromethane	9.39	83	357080	48.140	ug/l	97
48) Methyl methacrylate	9.18	41	283469	49.029	ug/l	99
49) 1,4-Dioxane	9.18	88	82967	807.478	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	1946938	266.204	ug/l	100
52) Toluene	10.15	92	636845	48.414	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	409466	47.780	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	446175	48.401	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	252935	47.512	ug/l	100
56) Ethyl methacrylate	10.42	69	410157	46.335	ug/l	99
57) 1,3-Dichloropropane	10.70	76	444810	48.546	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	773604	261.110	ug/l	100
59) 2-Hexanone	10.74	43	1432567	255.195	ug/l	99
60) Dibromochloromethane	10.90	129	276426	49.111	ug/l	100
61) 1,2-Dibromoethane	11.00	107	260056	48.255	ug/l	99
64) Tetrachloroethene	10.62	164	225216	46.530	ug/l	98
65) Chlorobenzene	11.43	112	668634	48.186	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	251754	48.366	ug/l	99
67) Ethyl Benzene	11.51	91	1224294	49.729	ug/l	99
68) m/p-Xylenes	11.62	106	915324	99.254	ug/l	99
69) o-Xylene	11.95	106	434210	48.721	ug/l	99
70) Styrene	11.96	104	725521	51.762	ug/l	99
71) Bromoform	12.13	173	201482	49.763	ug/l	100
73) Isopropylbenzene	12.25	105	1183707	47.710	ug/l	100
74) N-amyl acetate	12.07	43	522603	49.710	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	396068	46.877	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	524880	67.593	ug/l #	100
77) Bromobenzene	12.53	156	287265	46.085	ug/l	99
78) n-propylbenzene	12.59	91	1379048	48.545	ug/l	99
79) 2-Chlorotoluene	12.67	91	824372	46.779	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1003937	47.754	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	137079	46.626	ug/l	99
82) 4-Chlorotoluene	12.77	91	841824	47.627	ug/l	100
83) tert-Butylbenzene	12.99	119	848956	46.761	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	993926	48.866	ug/l	99
85) sec-Butylbenzene	13.17	105	1137433	48.173	ug/l	100
86) p-Isopropyltoluene	13.29	119	1034613	49.626	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	509329	47.716	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	499868	46.805	ug/l	99
89) n-Butylbenzene	13.62	91	898418	49.236	ug/l	100
90) Hexachloroethane	13.88	117	189753	45.326	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	502933	47.897	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	77538	46.001	ug/l	97

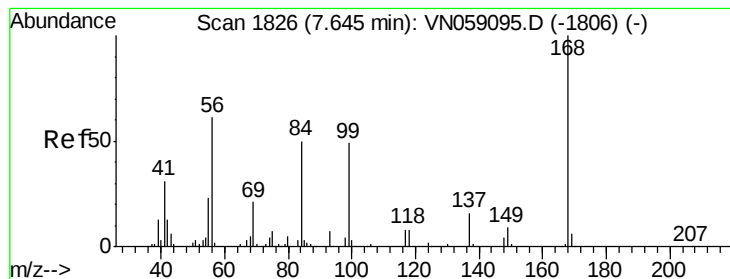
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	292516	46.165	ug/l	98
94) Hexachlorobutadiene	15.01	225	158119	43.673	ug/l	98
95) Naphthalene	15.13	128	826377	46.952	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	288639	49.050	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

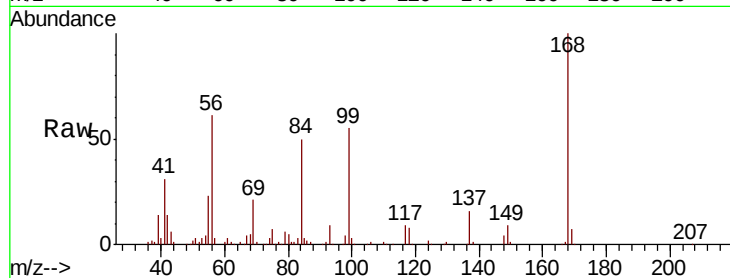
VSTDCCC050EC

Tot Ion:168 Resp: 503848

Ion Ratio Lower Upper

168 100

99 54.9 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VN059128.D (-1733) (-)

Ion 98.90 (98.60 to 99.60): VN059128.D (-1733) (-)

7.64

250000

200000

150000

100000

50000

0

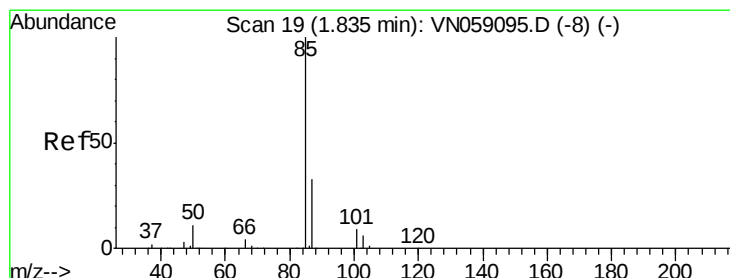
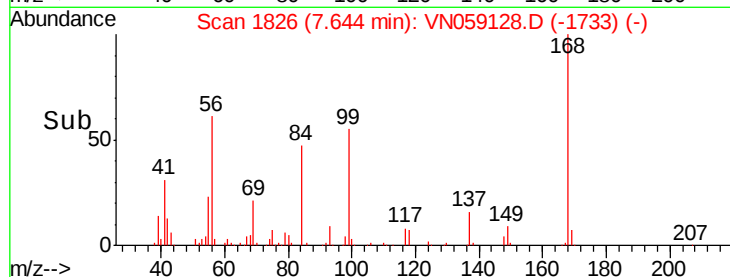
7.50

7.60

7.70

7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.672 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059128.D

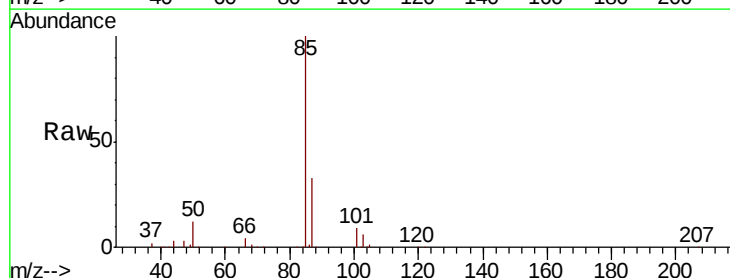
Acq: 7 Nov 2019 17:44

Tgt Ion: 85 Resp: 226779

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN059128.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN059128.D (-1) (-)

1.83

150000

100000

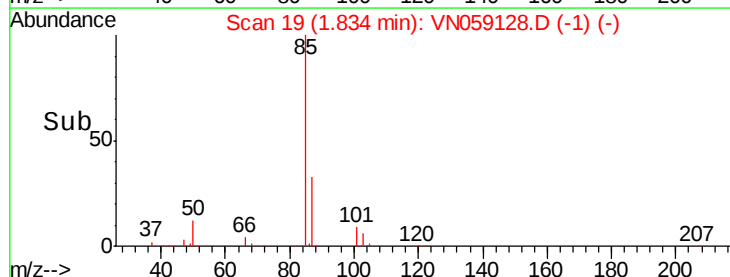
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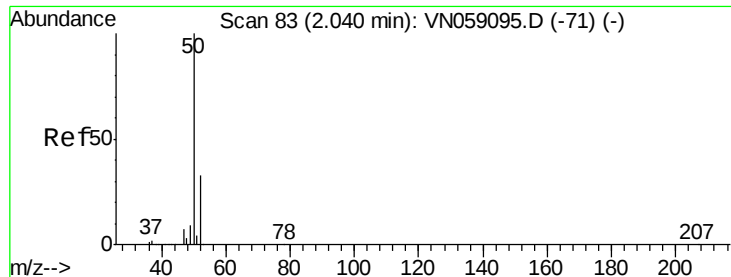
0

1.80

1.90

Time-->





#3

Chloromethane

Concen: 42.645 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

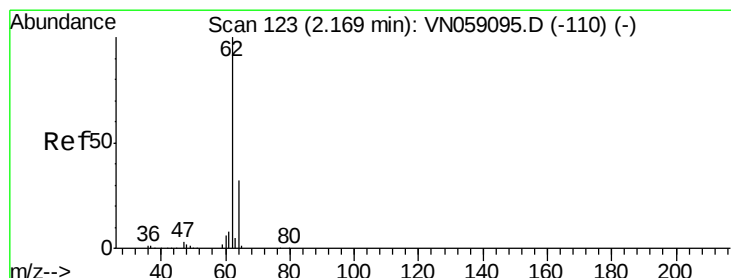
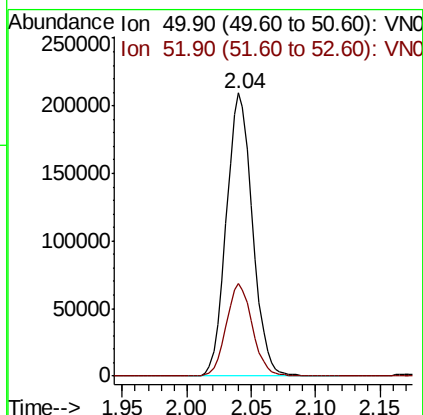
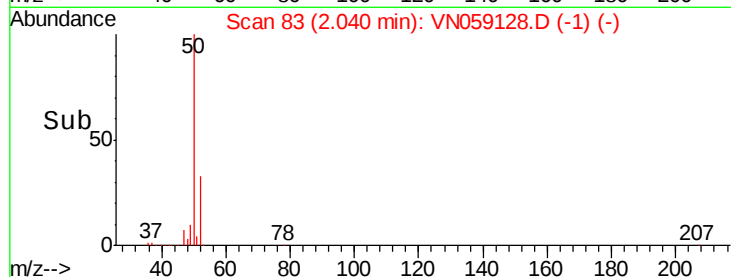
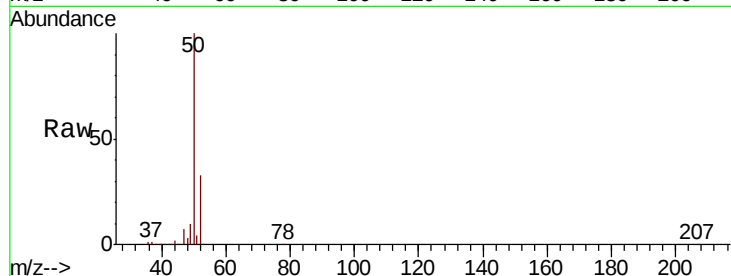
VSTDCCC050EC

Tot Ion: 50 Resp: 294279

Ion Ratio Lower Upper

50 100

52 32.5 26.0 39.0



#4

Vinyl Chloride

Concen: 44.500 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059128.D

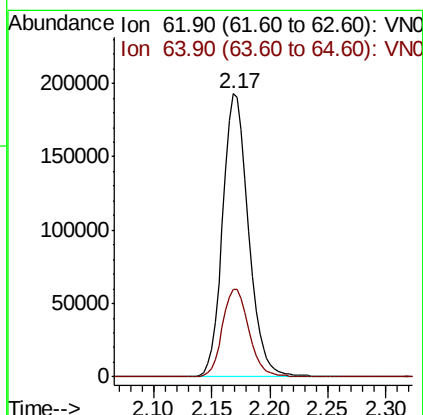
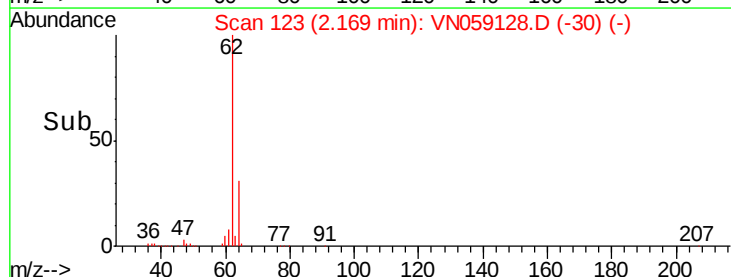
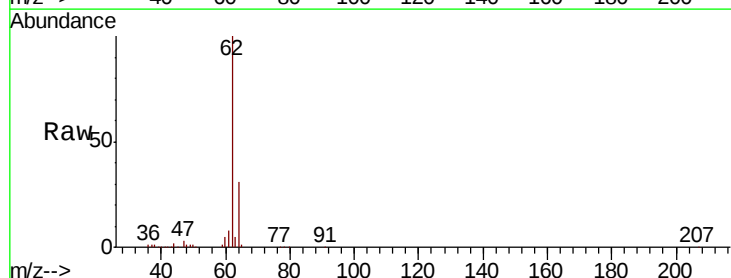
Acq: 7 Nov 2019 17:44

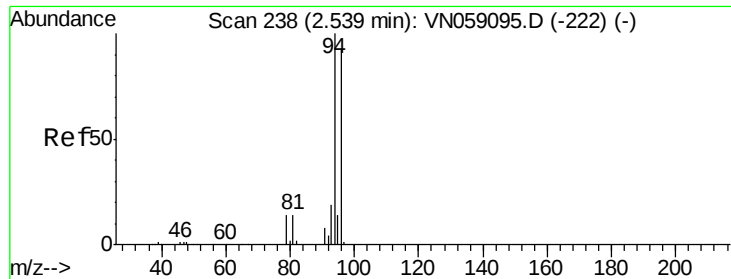
Tgt Ion: 62 Resp: 297721

Ion Ratio Lower Upper

62 100

64 30.8 25.4 38.2





#5

Bromomethane

Concen: 36.003 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

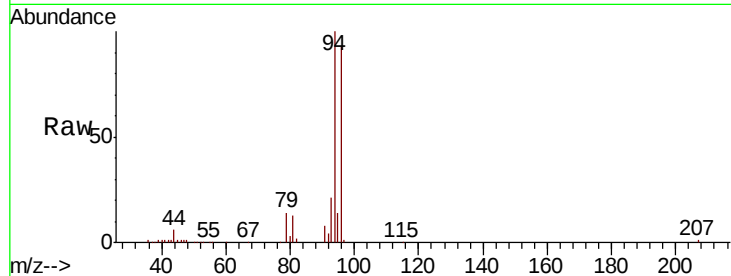
VSTDCCC050EC

Tot Ion: 94 Resp: 138611

Ion Ratio Lower Upper

94 100

96 93.3 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VN059128.D (-145) (-)

Ion 95.90 (95.60 to 96.60): VN059128.D (-145) (-)

2.54

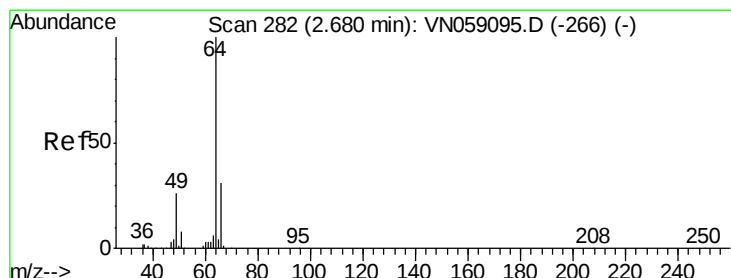
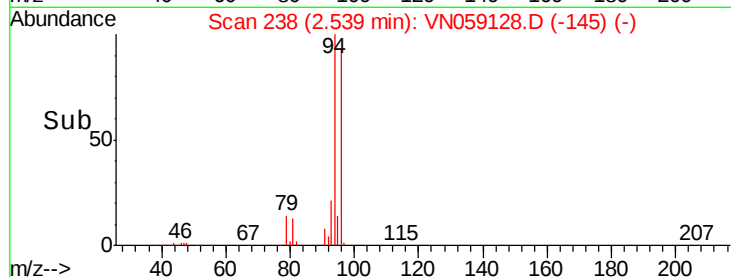
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 45.074 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.00 min

Lab File: VN059128.D

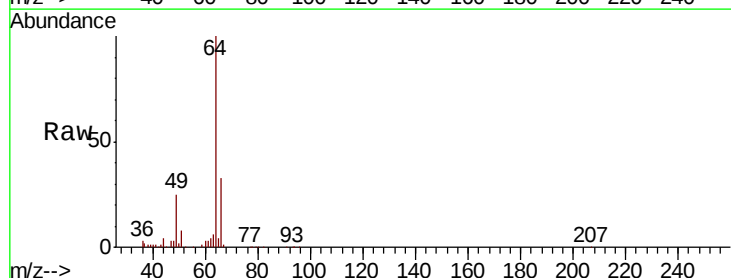
Acq: 7 Nov 2019 17:44

Tgt Ion: 64 Resp: 178387

Ion Ratio Lower Upper

64 100

66 33.4 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VN059128.D (-189) (-)

Ion 65.90 (65.60 to 66.60): VN059128.D (-189) (-)

2.68

100000

80000

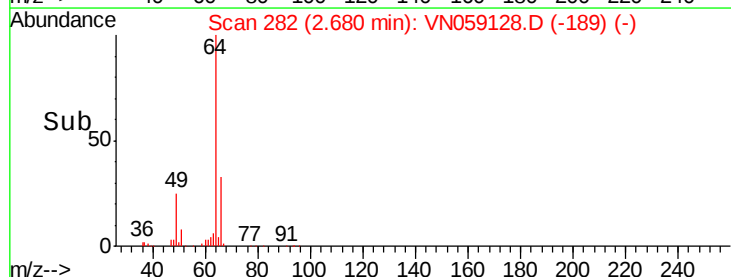
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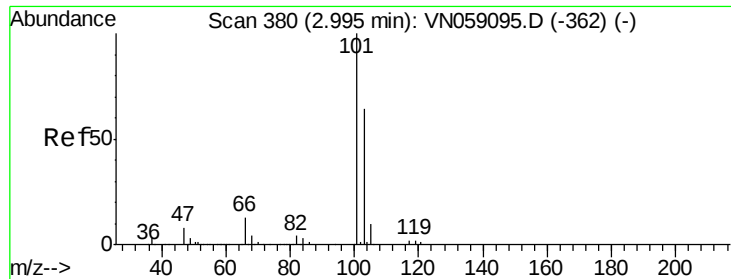
40000

20000

0

Time-->



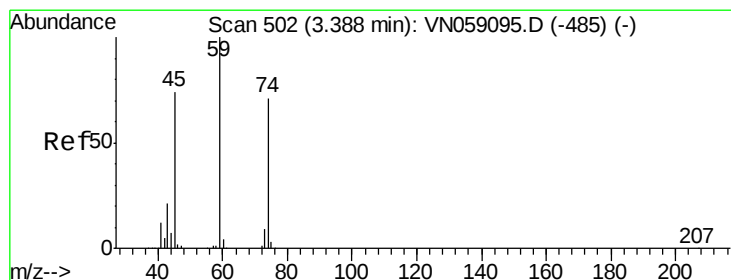
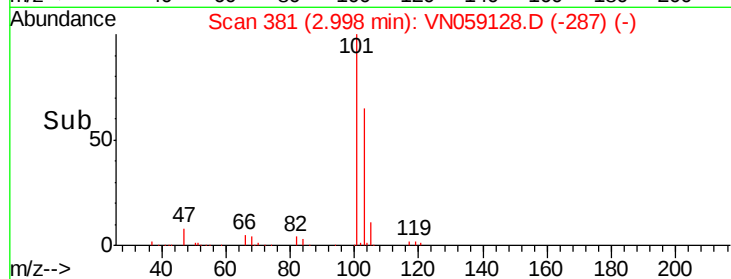
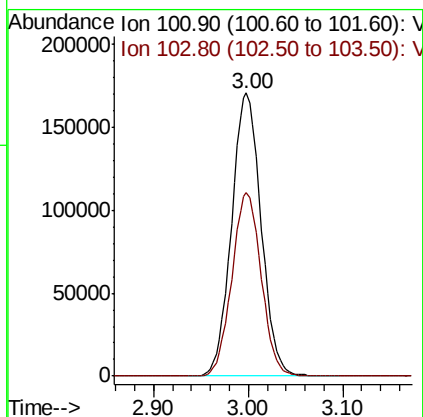
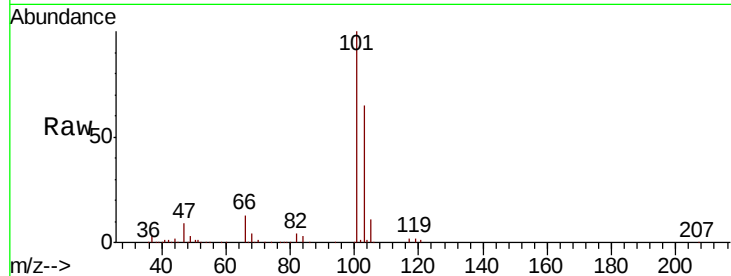


#7

Trichlorofluoromethane
 Concen: 46.225 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VN059128.D
 Acq: 7 Nov 2019 17:44

Instrument :
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 VSTDCCC050EC

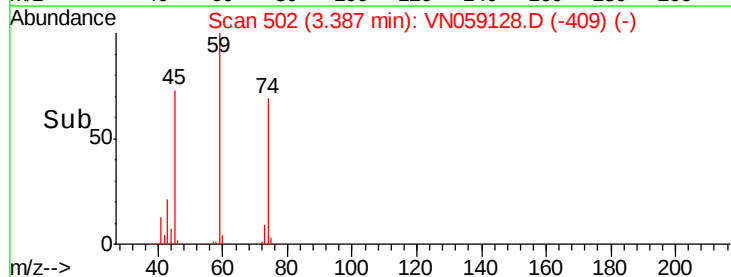
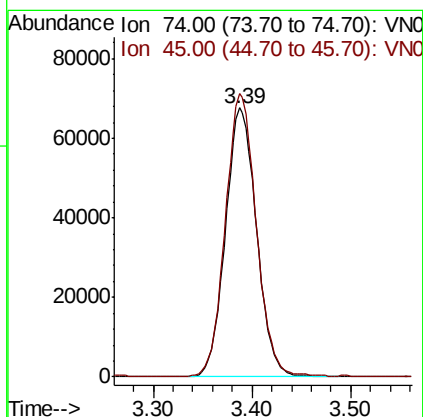
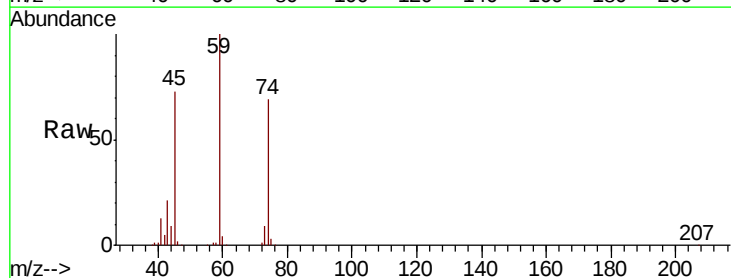
Tot Ion:101 Resp: 369910
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.2 76.8



#8

Diethyl Ether
 Concen: 45.870 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN059128.D
 Acq: 7 Nov 2019 17:44

Tgt Ion: 74 Resp: 149149
 Ion Ratio Lower Upper
 74 100
 45 104.3 51.6 154.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.207 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

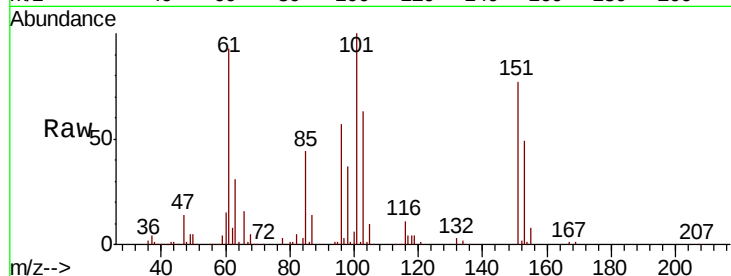
Tot Ion:101 Resp: 222947

Ion Ratio Lower Upper

101 100

85 43.7 35.5 53.3

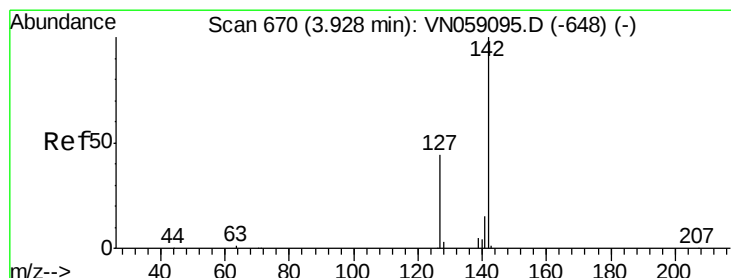
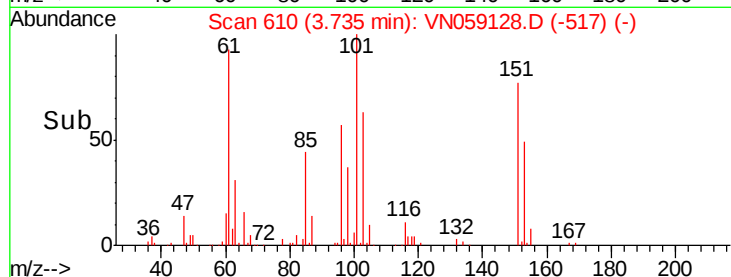
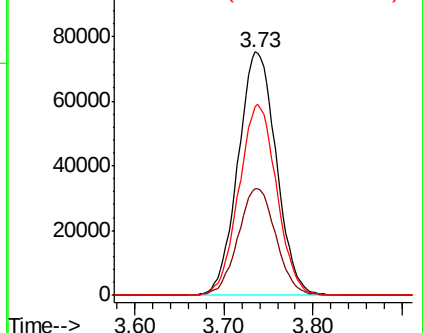
151 77.8 62.2 93.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 39.860 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

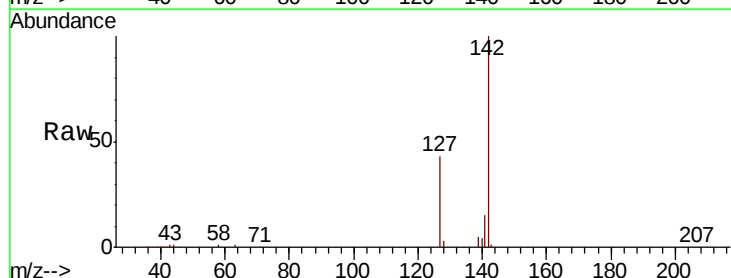
Tgt Ion:142 Resp: 238057

Ion Ratio Lower Upper

142 100

127 41.7 34.2 51.2

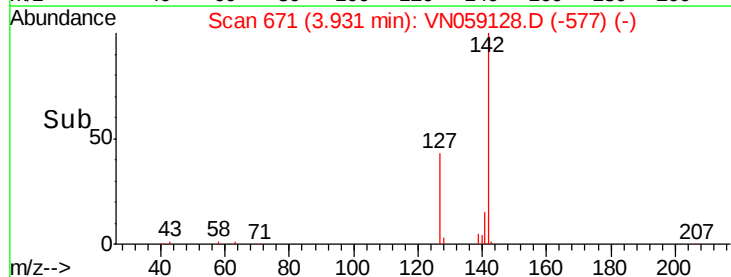
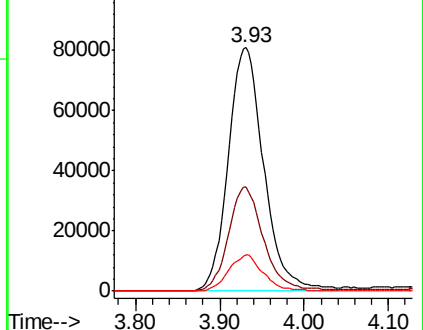
141 14.4 11.4 17.0

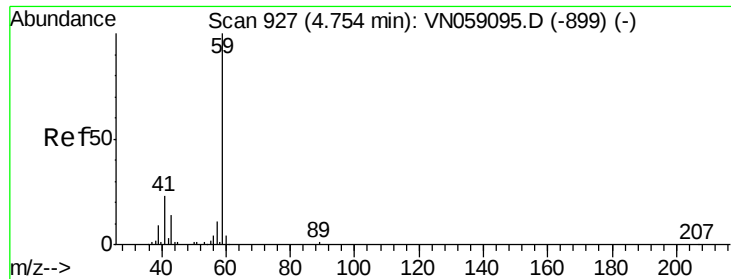


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

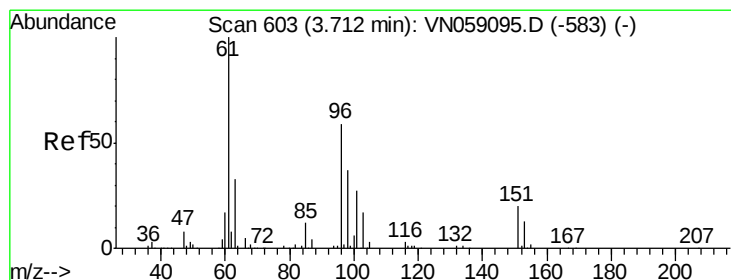
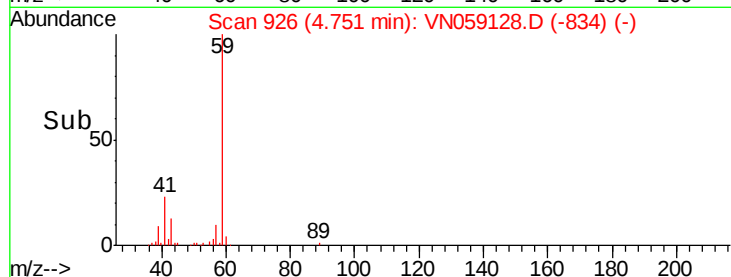
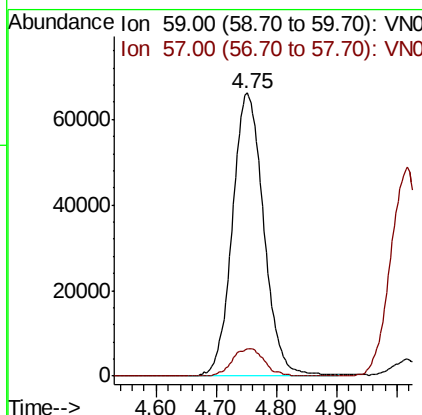
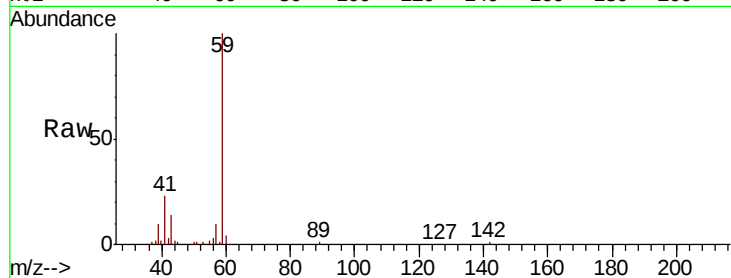




#11
Tert butyl alcohol
Concen: 204.020 ug/l
RT: 4.75 min Scan# 926
Delta R.T. -0.00 min
Lab File: VN059128.D
Acq: 7 Nov 2019 17:44

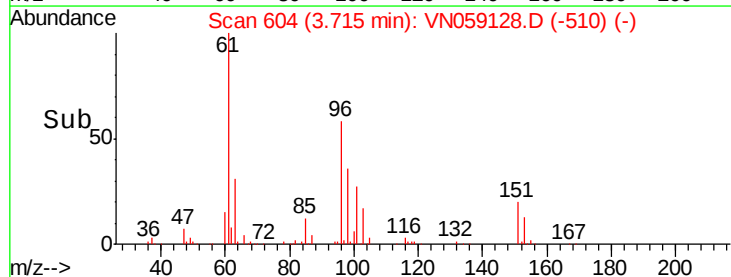
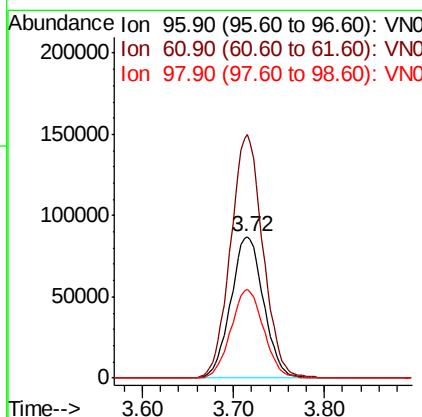
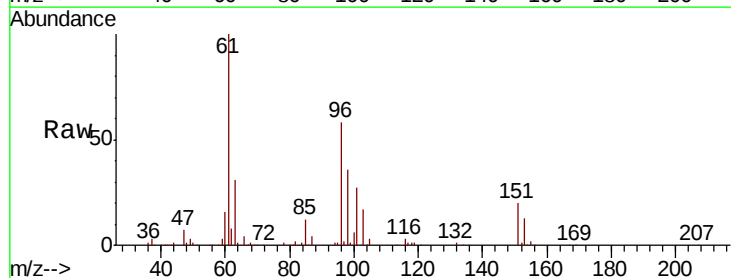
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 240818
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5



#12
1,1-Dichloroethene
Concen: 46.333 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059128.D
Acq: 7 Nov 2019 17:44

Tgt Ion: 96 Resp: 217773
Ion Ratio Lower Upper
96 100
61 171.9 136.5 204.7
98 62.7 50.2 75.4





#13

Acrolein

Concen: 200.933 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

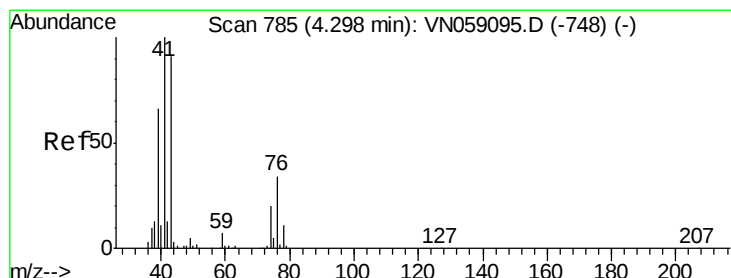
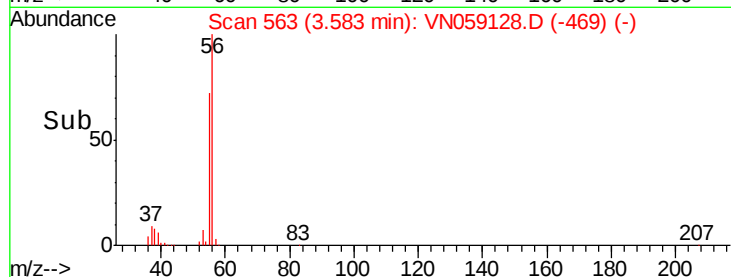
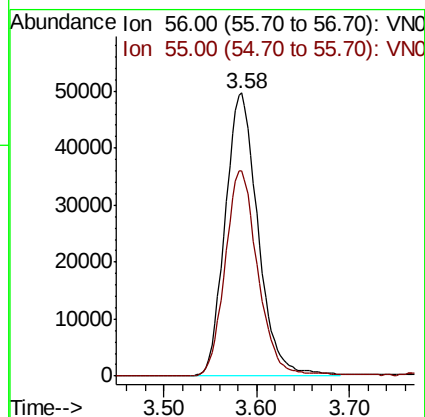
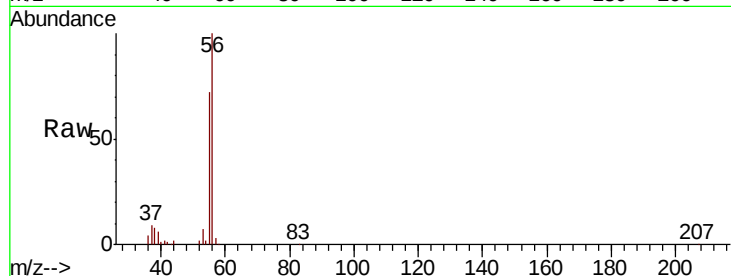
VSTDCCC050EC

Tot Ion: 56 Resp: 122282

Ion Ratio Lower Upper

56 100

55 71.7 56.4 84.6



#14

Allyl chloride

Concen: 44.787 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

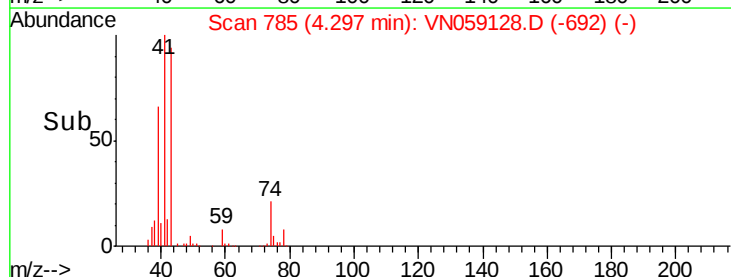
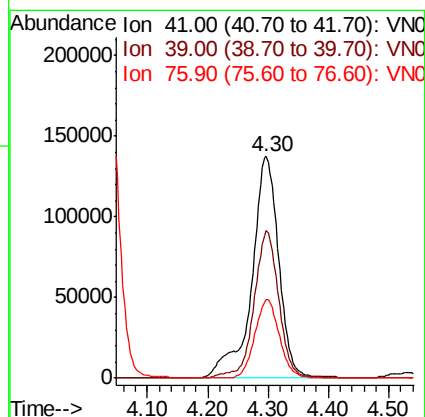
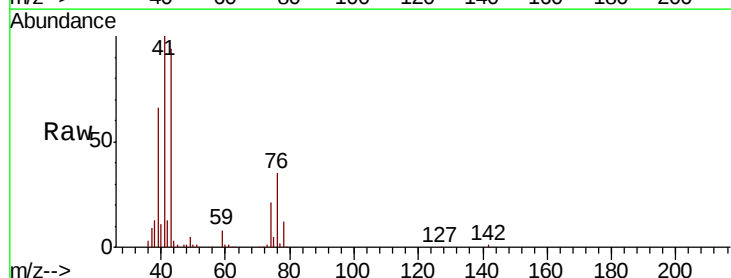
Tgt Ion: 41 Resp: 432407

Ion Ratio Lower Upper

41 100

39 60.8 49.1 73.7

76 31.6 24.9 37.3





#15

Acrylonitrile

Concen: 243.251 ug/l

RT: 4.95 min Scan# 989

Delta R.T. -0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

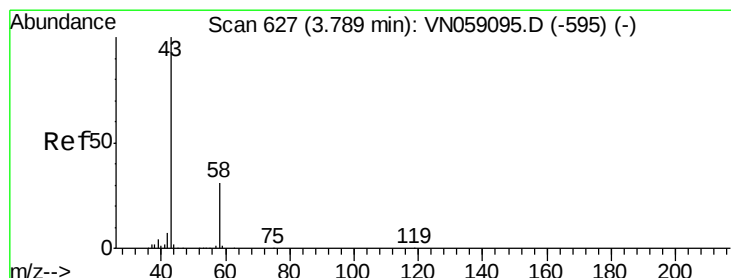
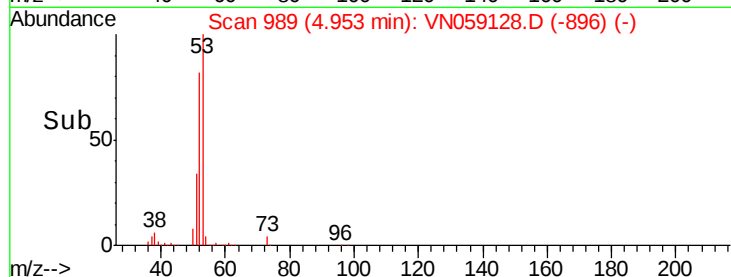
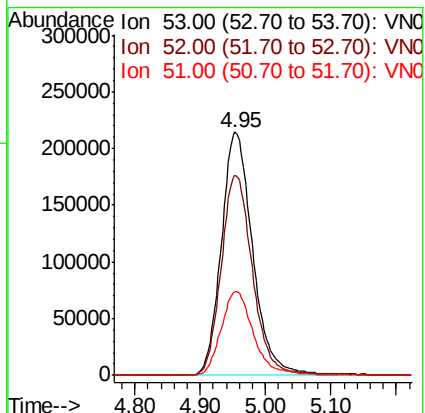
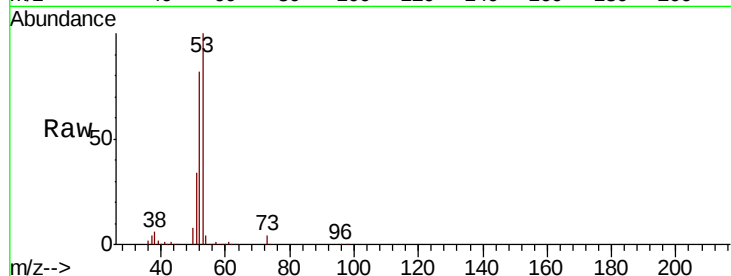
Tot Ion: 53 Resp: 714556

Ion Ratio Lower Upper

53 100

52 82.3 65.0 97.6

51 35.7 28.0 42.0



#16

Acetone

Concen: 201.815 ug/l

RT: 3.79 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN059128.D

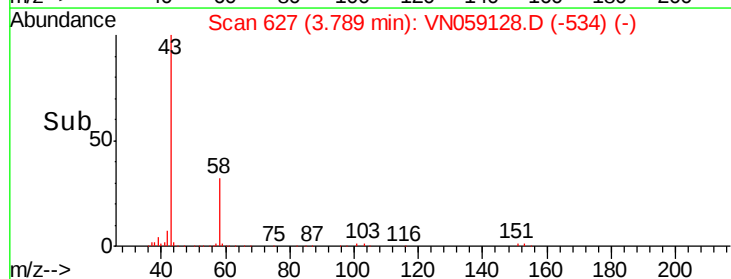
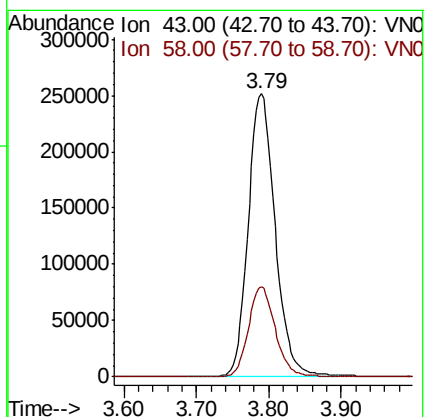
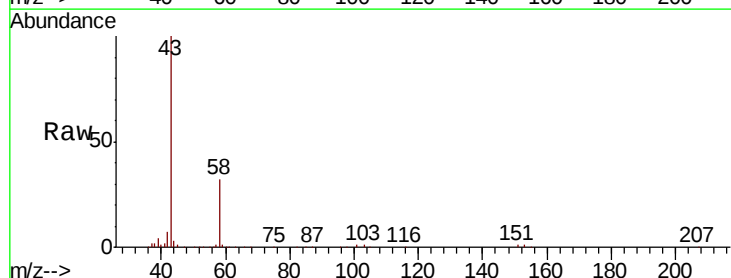
Acq: 7 Nov 2019 17:44

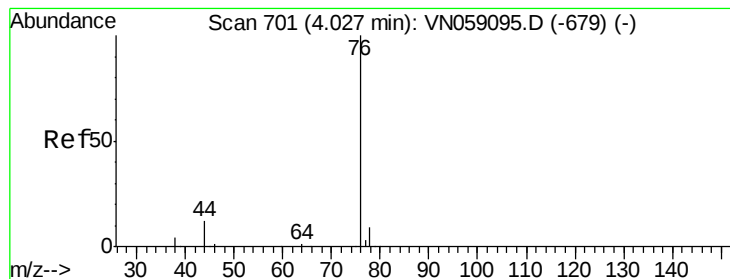
Tgt Ion: 43 Resp: 650002

Ion Ratio Lower Upper

43 100

58 31.8 24.9 37.3





#17

Carbon Disulfide

Concen: 43.768 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

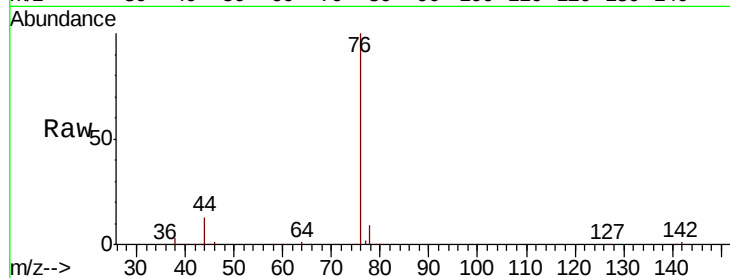
VSTDCCC050EC

Tot Ion: 76 Resp: 638589

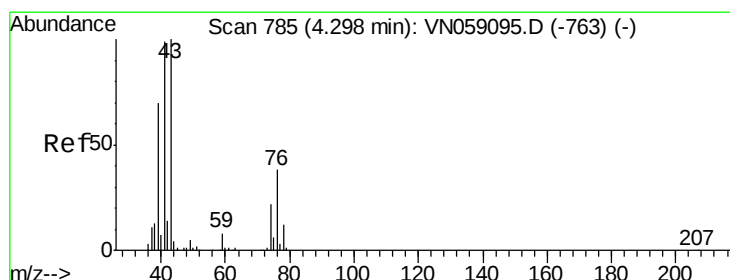
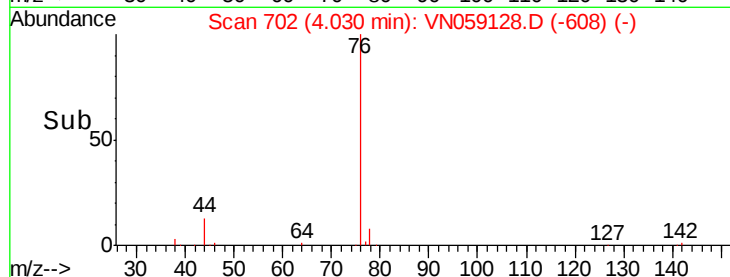
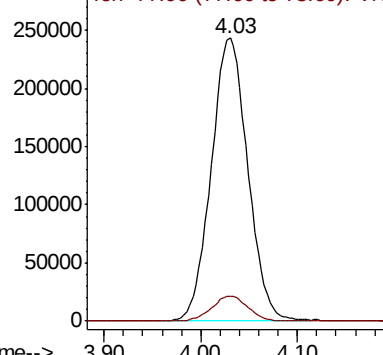
Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 48.217 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN059128.D

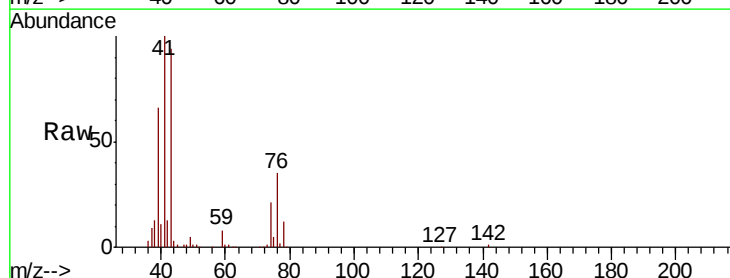
Acq: 7 Nov 2019 17:44

Tgt Ion: 43 Resp: 368609

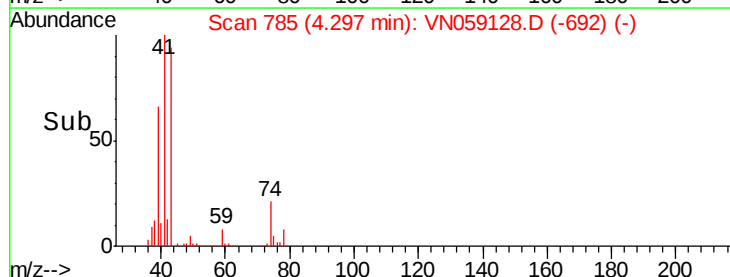
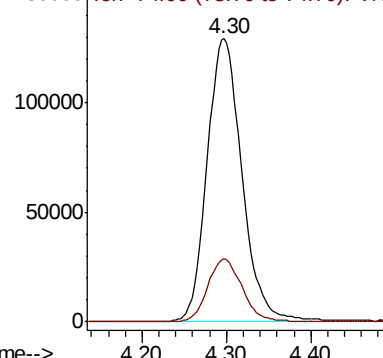
Ion Ratio Lower Upper

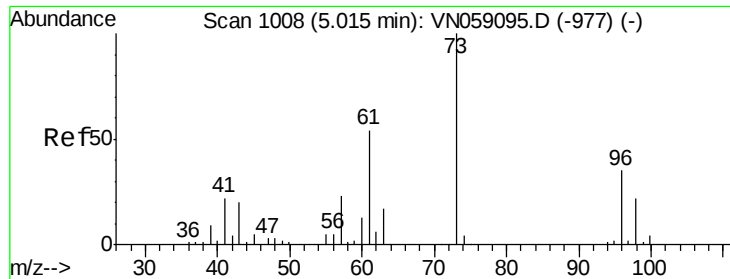
43 100

74 22.3 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO

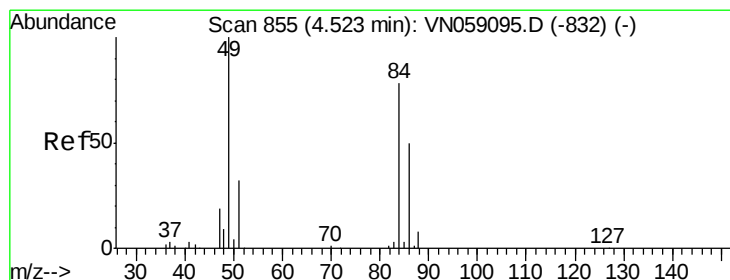
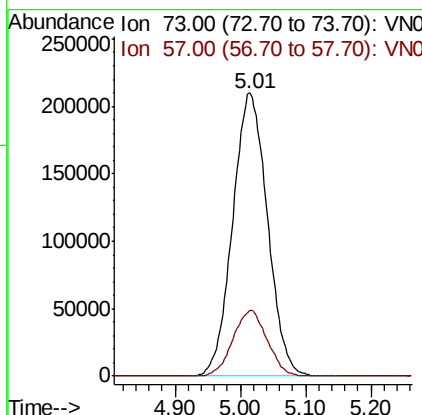
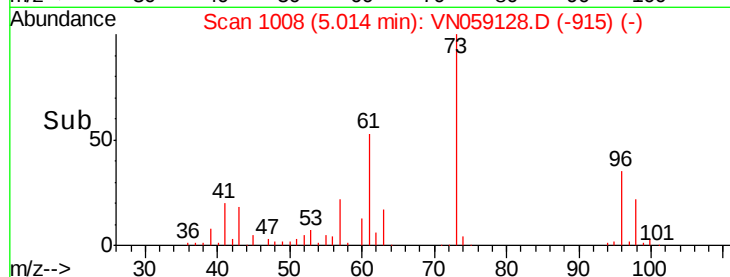
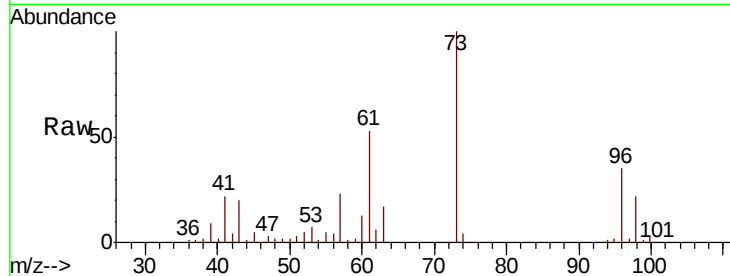




#19
Methvl tert-butvl Ether
Concen: 47.957 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN059128.D
Acq: 7 Nov 2019 17:44

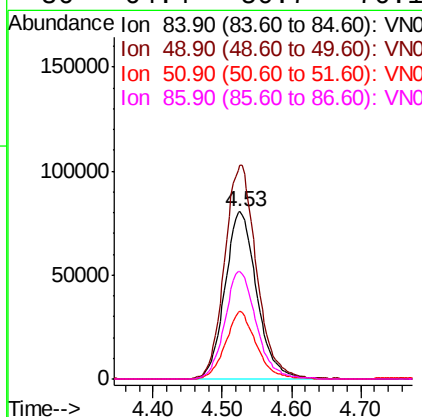
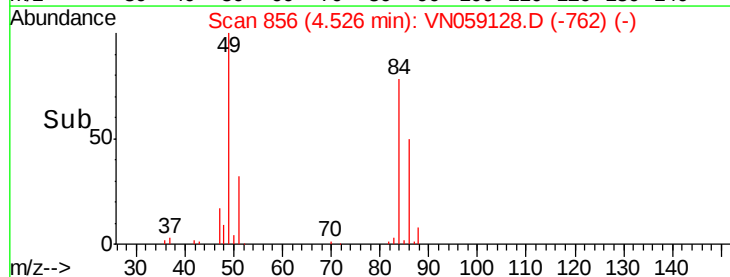
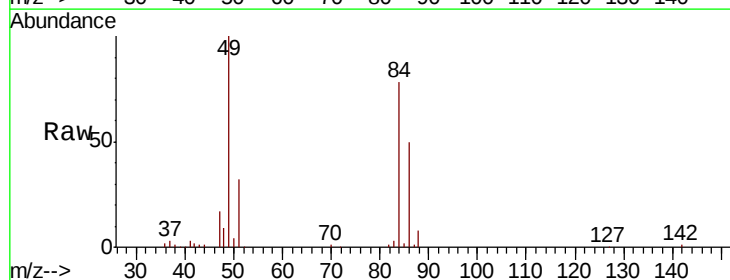
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

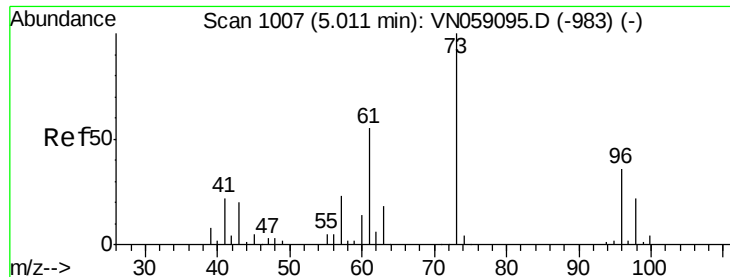
Tot Ion: 73 Resp: 776038
Ion Ratio Lower Upper
73 100
57 23.0 18.4 27.6



#20
Methylene Chloride
Concen: 45.909 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059128.D
Acq: 7 Nov 2019 17:44

Tgt Ion: 84 Resp: 257601
Ion Ratio Lower Upper
84 100
49 127.8 102.0 153.0
51 40.6 32.2 48.2
86 64.4 50.7 76.1

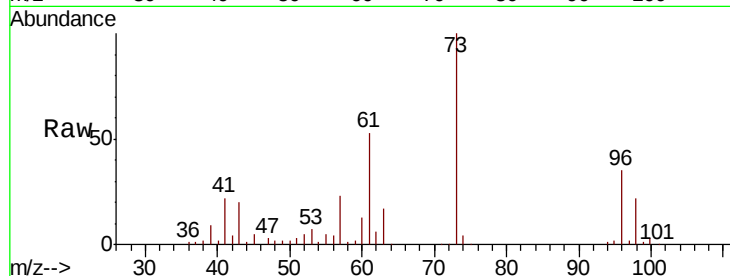




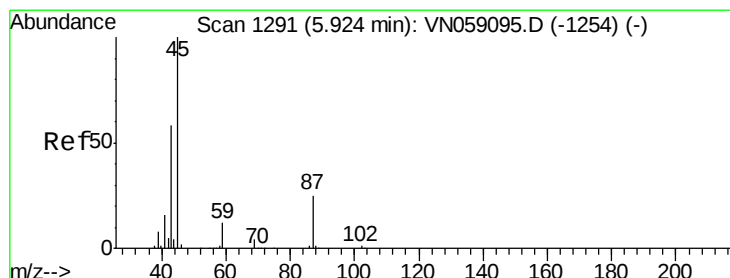
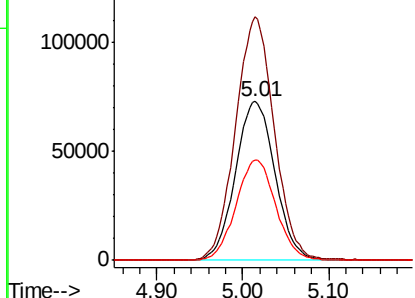
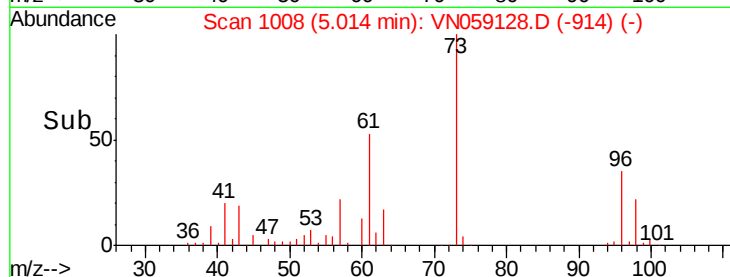
#21
trans-1,2-Dichloroethene
Concen: 46.394 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VN059128.D
Acq: 7 Nov 2019 17:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 234061
Ion Ratio Lower Upper
96 100
61 153.3 122.6 183.8
98 63.6 50.3 75.5

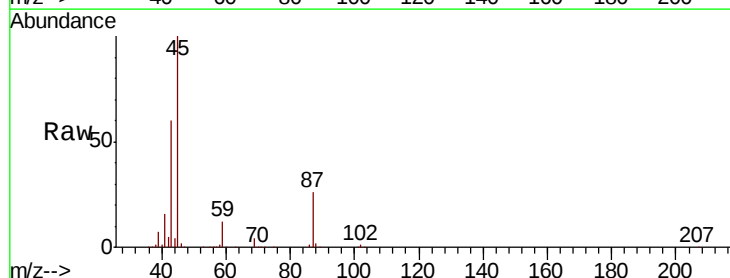


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

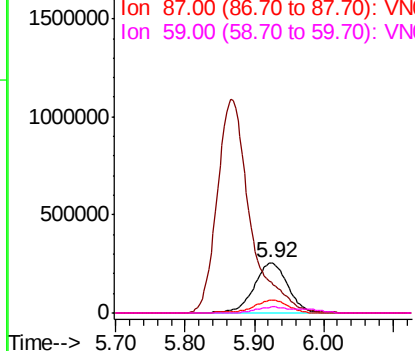
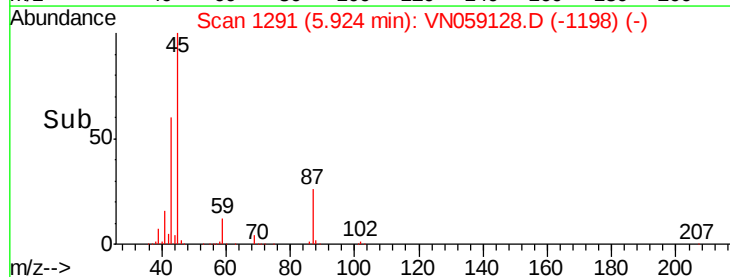


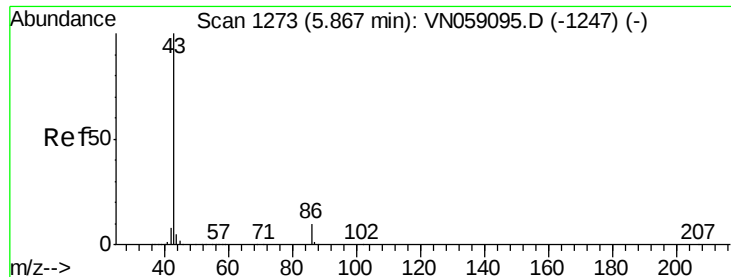
#22
Diisopropyl ether
Concen: 47.356 ug/l
RT: 5.92 min Scan# 1291
Delta R.T. -0.00 min
Lab File: VN059128.D
Acq: 7 Nov 2019 17:44

Tgt Ion: 45 Resp: 863598
Ion Ratio Lower Upper
45 100
43 59.3 46.7 70.1
87 25.9 20.5 30.7
59 11.6 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 255.785 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

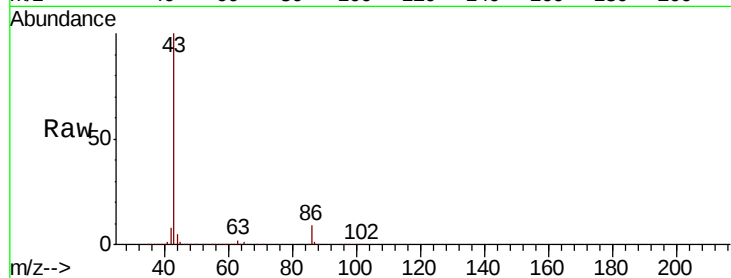
VSTDCCC050EC

Tot Ion: 43 Resp: 3615116

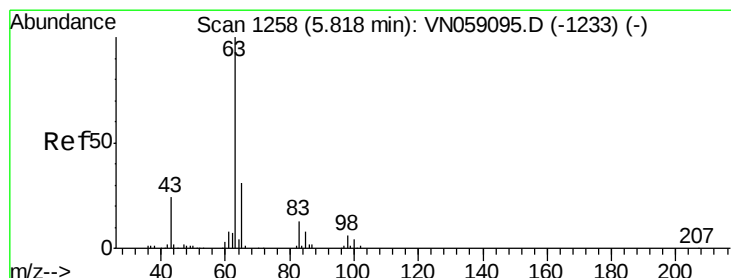
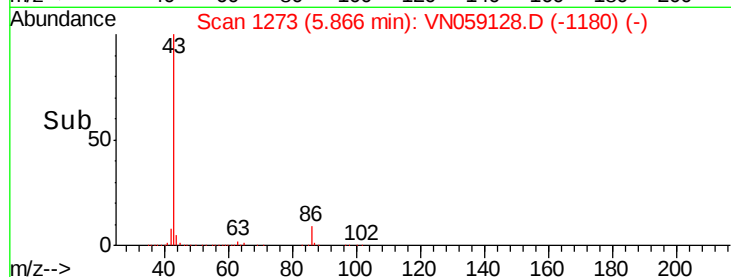
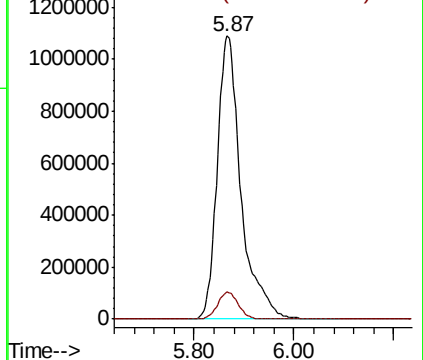
Ion Ratio Lower Upper

43 100

86 9.5 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN059128.D (-1180) (-)



#24

1,1-Dichloroethane

Concen: 46.359 ug/l

RT: 5.82 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

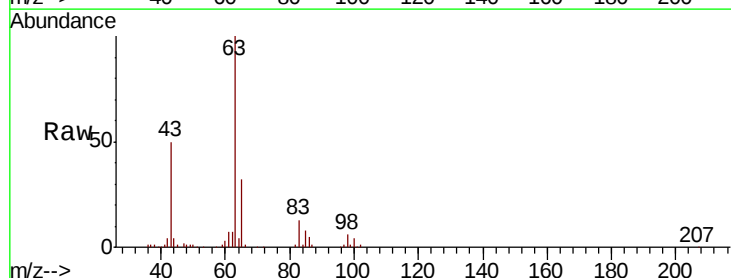
Tgt Ion: 63 Resp: 472187

Ion Ratio Lower Upper

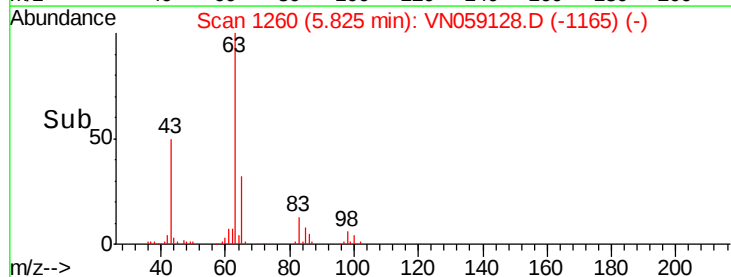
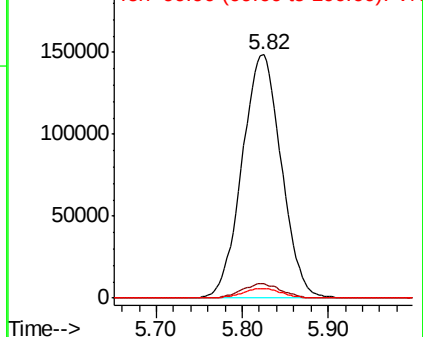
63 100

98 5.8 2.8 8.4

100 3.9 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN059128.D (-1165) (-)





#25

2-Butanone

Concen: 228.913 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

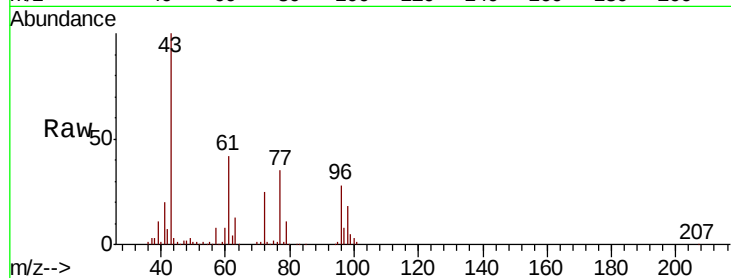
VSTDCCC050EC

Tot Ion: 43 Resp: 971693

Ion Ratio Lower Upper

43 100

72 25.3 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VN059128.D (-1473) (-)

Ion 72.00 (71.70 to 72.70): VN059128.D (-1473) (-)

6.81

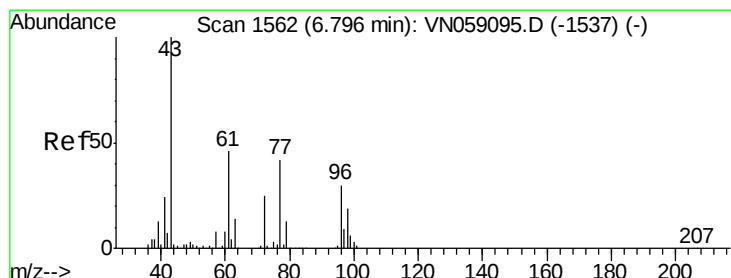
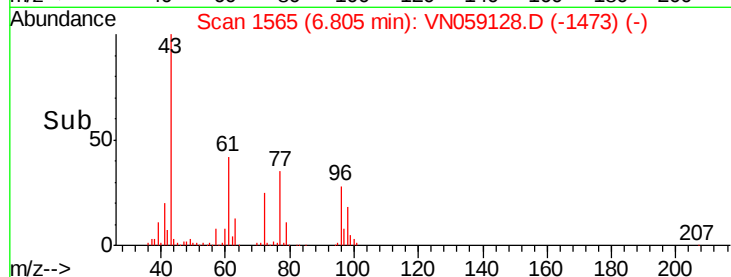
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 43.696 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059128.D

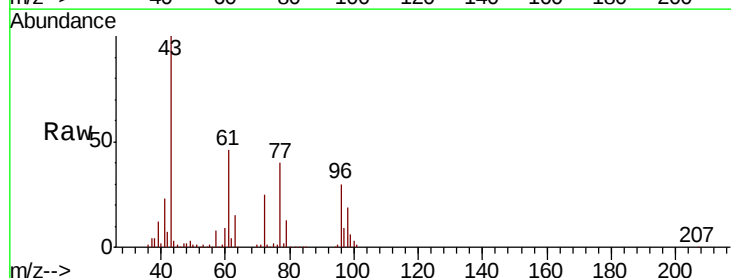
Acq: 7 Nov 2019 17:44

Tgt Ion: 77 Resp: 389167

Ion Ratio Lower Upper

77 100

97 22.2 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VN059128.D (-1469) (-)

Ion 96.90 (96.60 to 97.60): VN059128.D (-1469) (-)

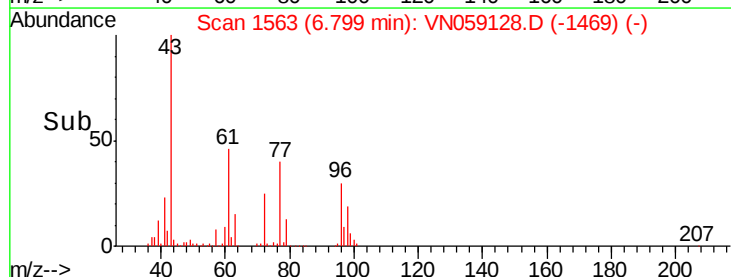
6.80

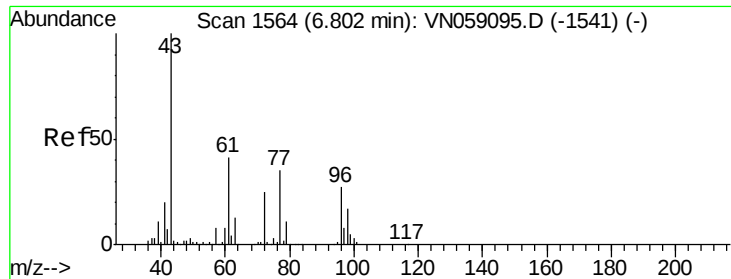
100000

50000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 46.462 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

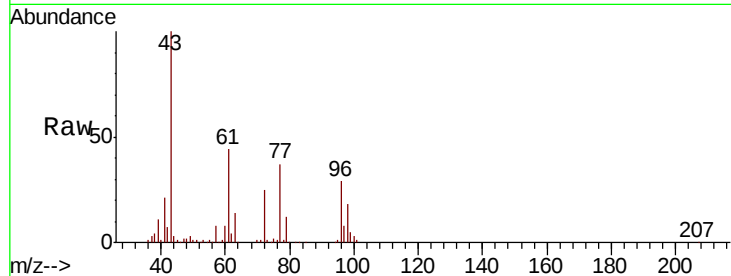
Tot Ion: 96 Resp: 271946

Ion Ratio Lower Upper

96 100

61 154.4 0.0 311.6

98 64.0 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN059128.D (-1471) (-)

Ion 60.90 (60.60 to 61.60): VN059128.D (-1471) (-)

Ion 97.90 (97.60 to 98.60): VN059128.D (-1471) (-)

200000

150000

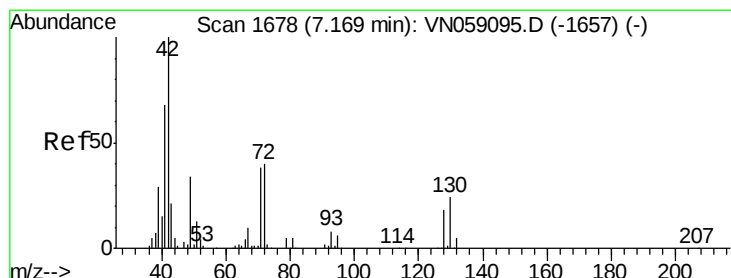
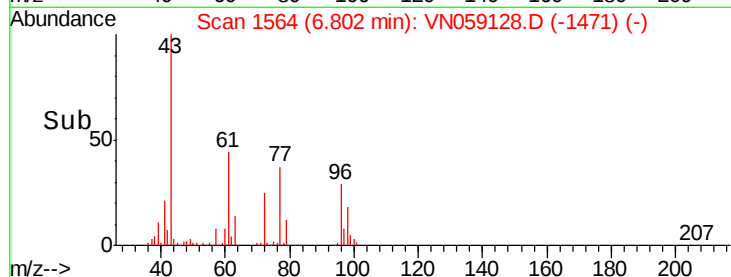
100000

50000

0

6.70 6.80 6.90

Time-->



#28

Bromochloromethane

Concen: 45.808 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

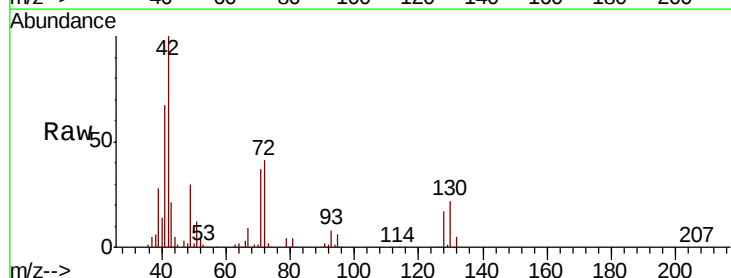
Tgt Ion: 49 Resp: 140371

Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 69.9 55.6 83.4



Abundance Ion 48.90 (48.60 to 49.60): VN059128.D (-1585) (-)

Ion 128.80 (128.50 to 129.50): VN059128.D (-1585) (-)

Ion 129.80 (129.50 to 130.50): VN059128.D (-1585) (-)

60000

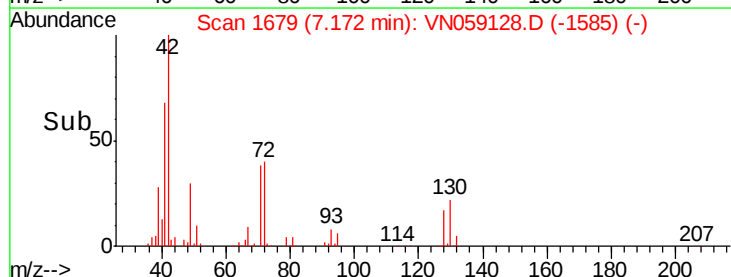
40000

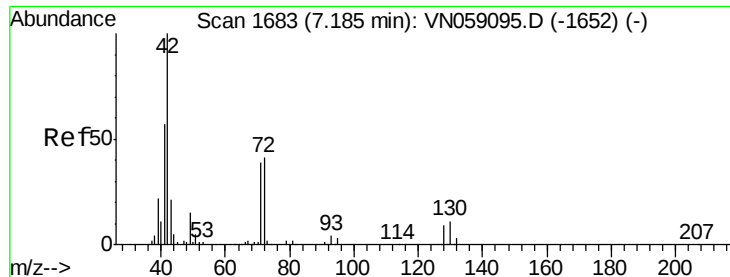
20000

0

7.10 7.20 7.30

Time-->

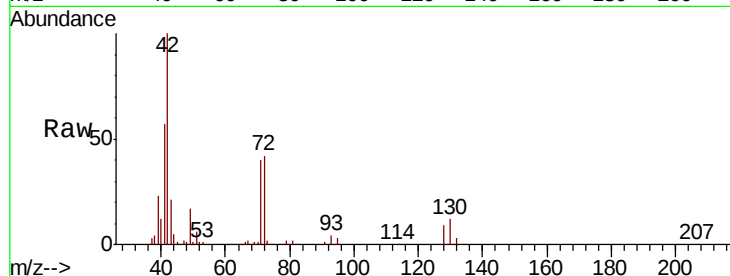




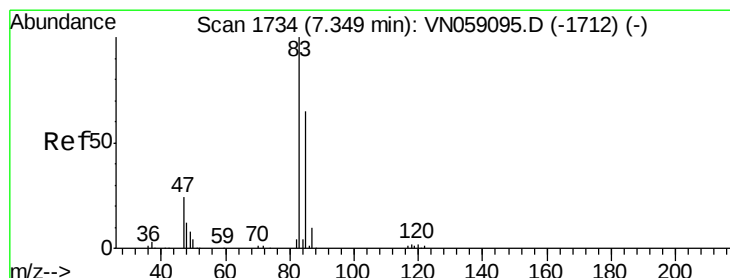
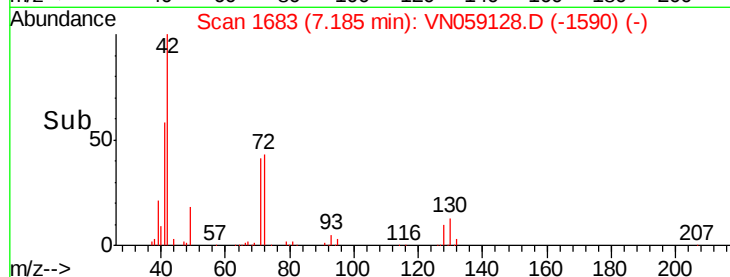
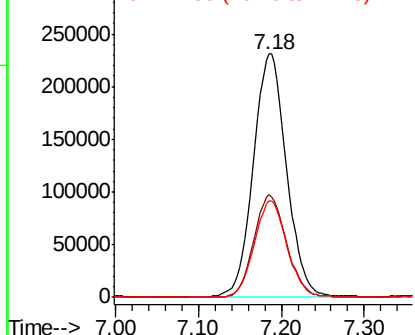
#29
Tetrahydrofuran
Concen: 237.696 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN059128.D
Acq: 7 Nov 2019 17:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 641102
Ion Ratio Lower Upper
42 100
72 41.6 33.1 49.7
71 39.4 30.9 46.3

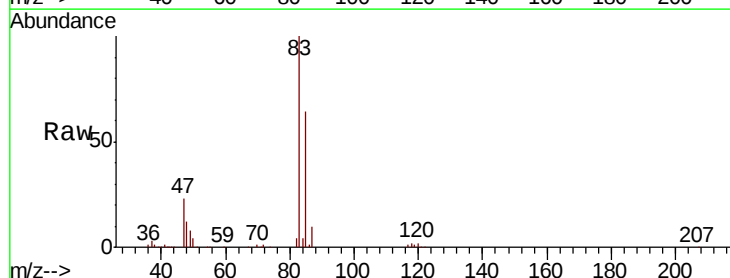


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

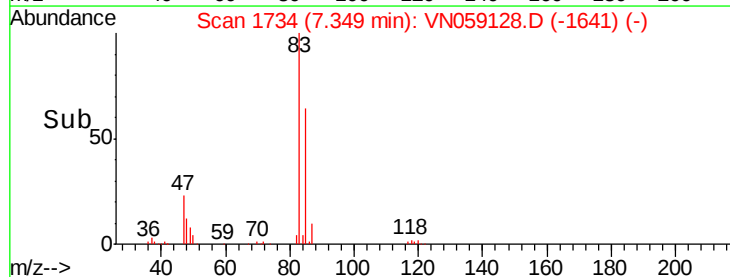
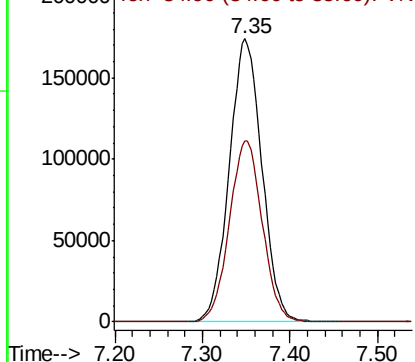


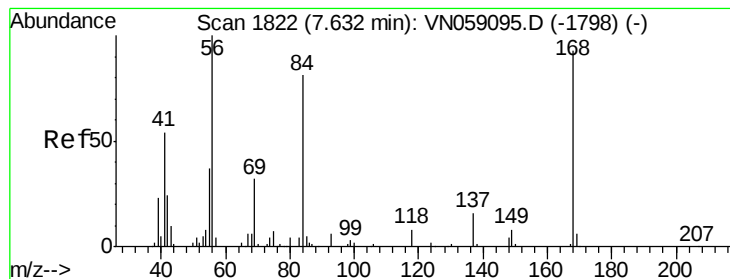
#30
Chloroform
Concen: 46.163 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059128.D
Acq: 7 Nov 2019 17:44

Tgt Ion: 83 Resp: 451037
Ion Ratio Lower Upper
83 100
85 64.1 51.8 77.8



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





#31

Cyclohexane

Concen: 44.510 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

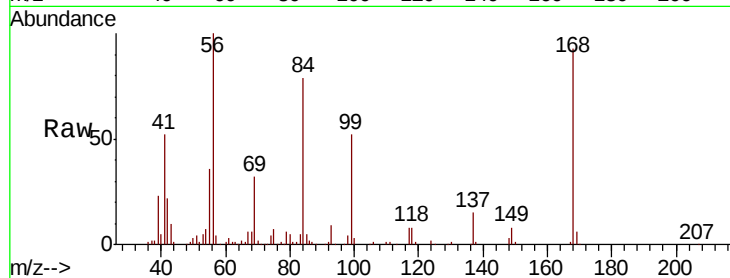
Tot Ion: 56 Resp: 429180

Ion Ratio Lower Upper

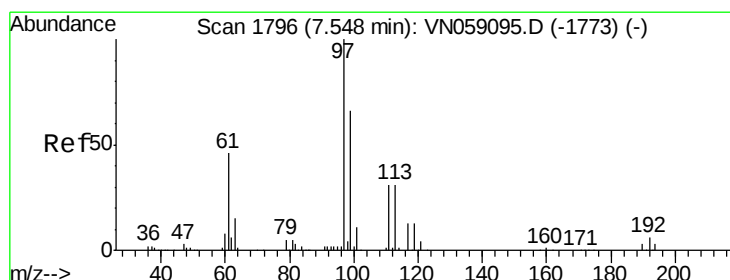
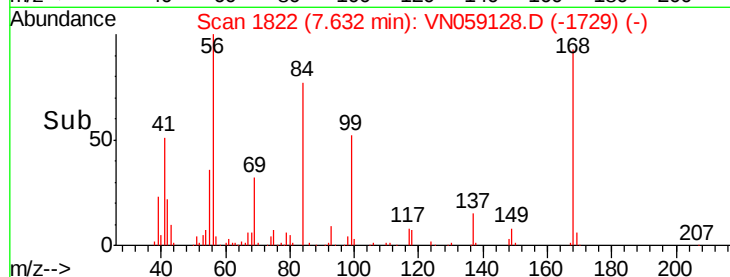
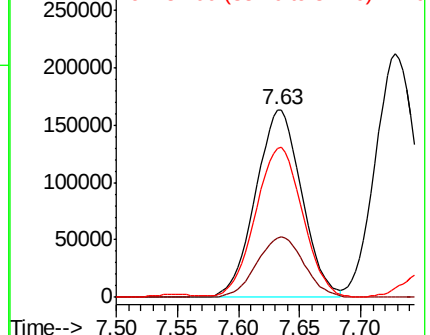
56 100

69 31.9 25.8 38.8

84 78.3 65.0 97.4



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



#32

1,1,1-Trichloroethane

Concen: 47.366 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

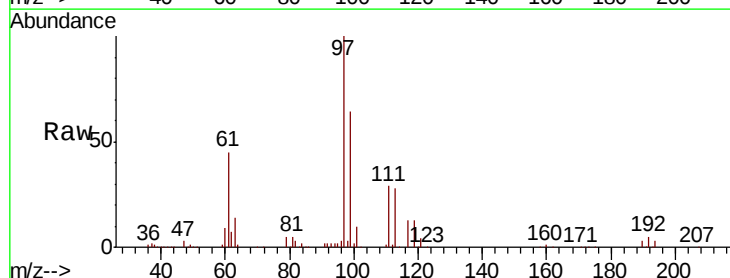
Tgt Ion: 97 Resp: 389097

Ion Ratio Lower Upper

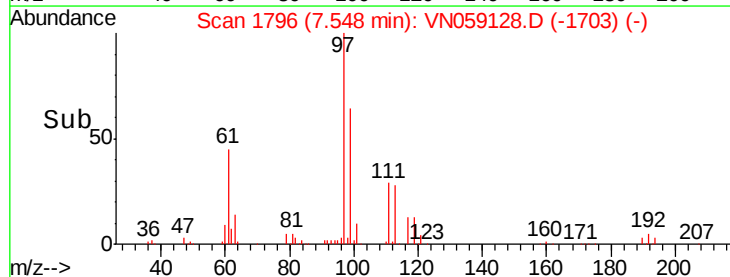
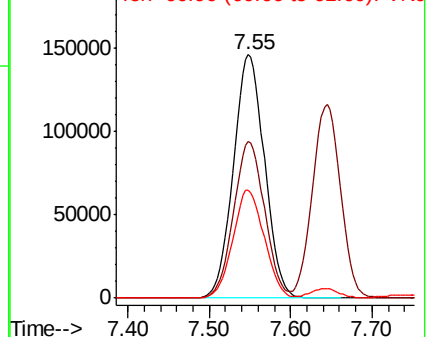
97 100

99 64.1 51.0 76.6

61 44.7 35.8 53.8



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





#33

1,2-Dichloroethane-d4

Concen: 46.967 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

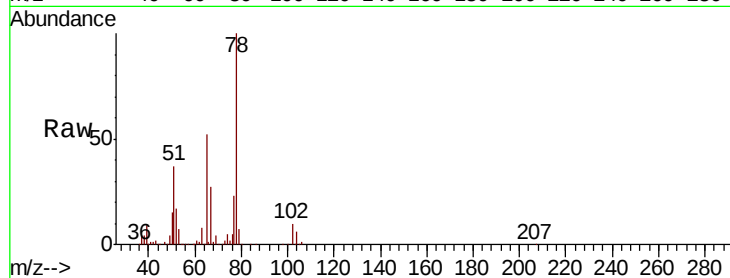
VSTDCCC050EC

Tot Ion: 65 Resp: 290895

Ion Ratio Lower Upper

65 100

67 53.5 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN059128.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN059128.D (-1845) (-)

8.00

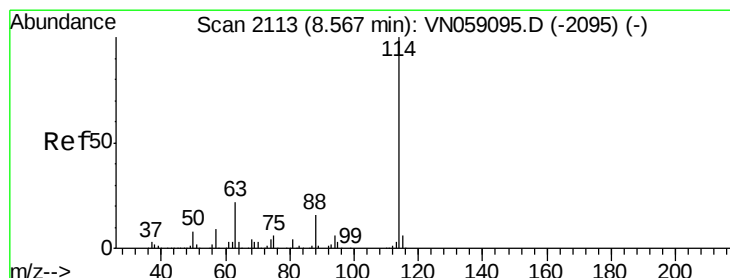
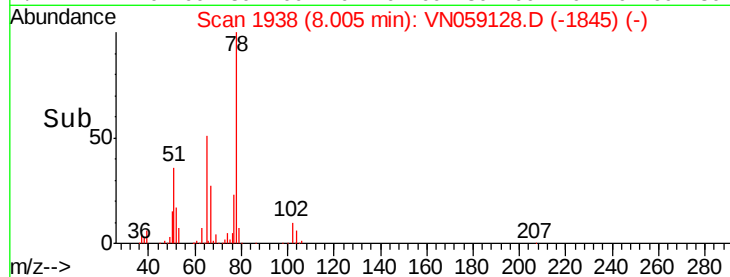
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

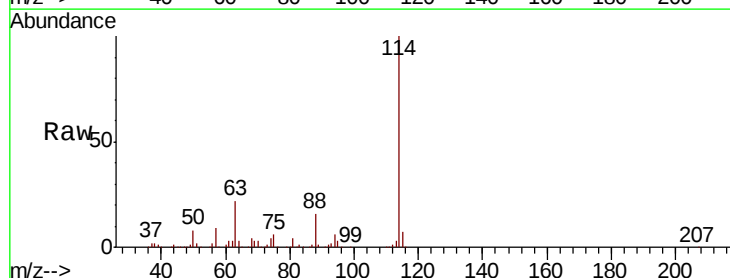
Tgt Ion: 114 Resp: 779711

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.4

88 16.4 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): VN059128.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN059128.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN059128.D (-2020) (-)

8.57

500000

400000

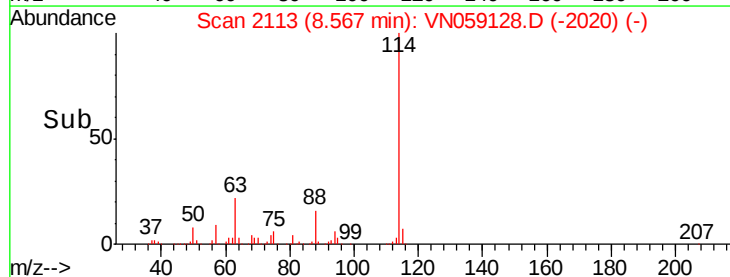
300000

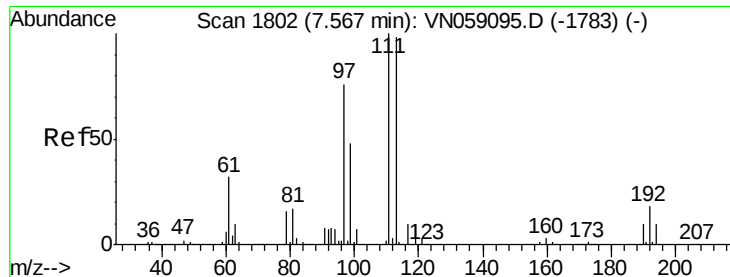
200000

100000

0

Time-->

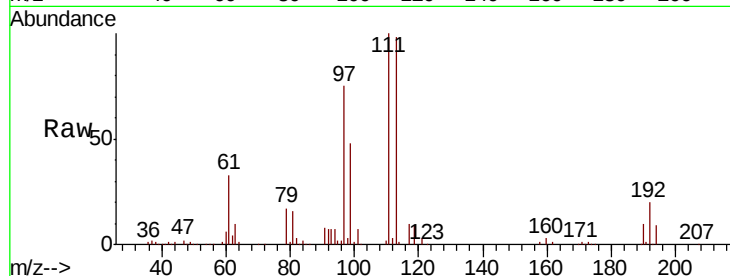




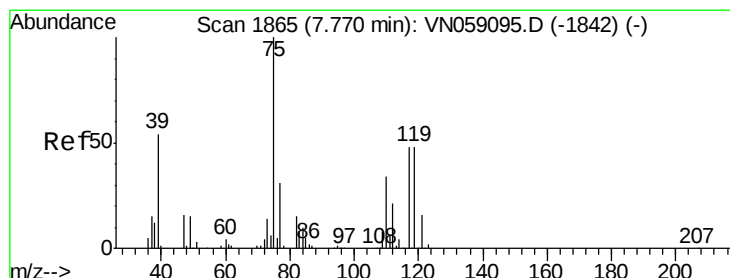
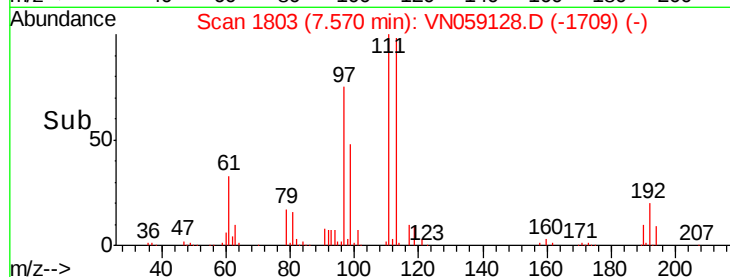
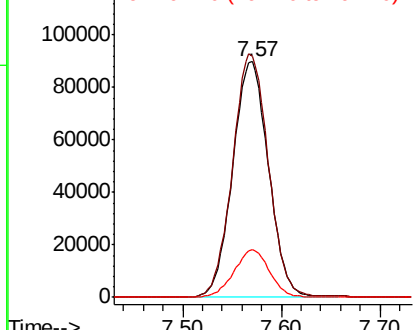
#35
 Dibromofluoromethane
 Concen: 48.807 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059128.D
 Acq: 7 Nov 2019 17:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 227228
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.8 124.2
 192 19.9 16.1 24.1

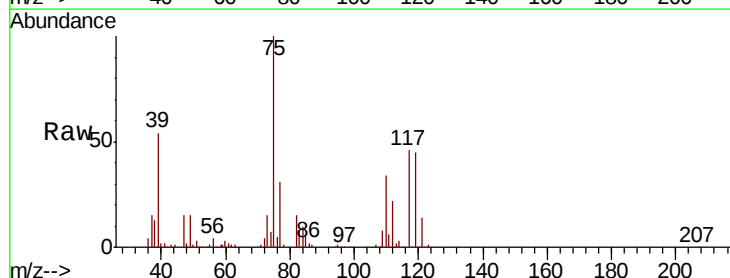


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

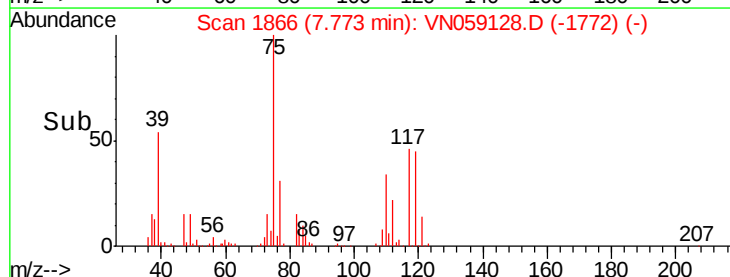
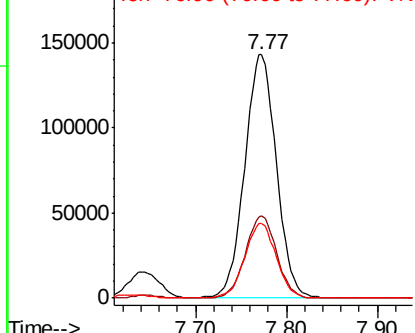


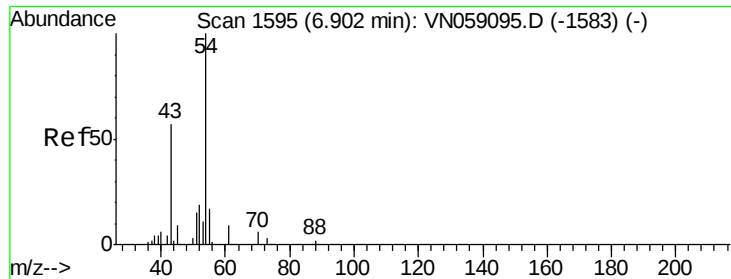
#36
 1,1-Dichloropropene
 Concen: 47.257 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VN059128.D
 Acq: 7 Nov 2019 17:44

Tgt Ion: 75 Resp: 344410
 Ion Ratio Lower Upper
 75 100
 110 33.4 17.1 51.2
 77 30.9 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

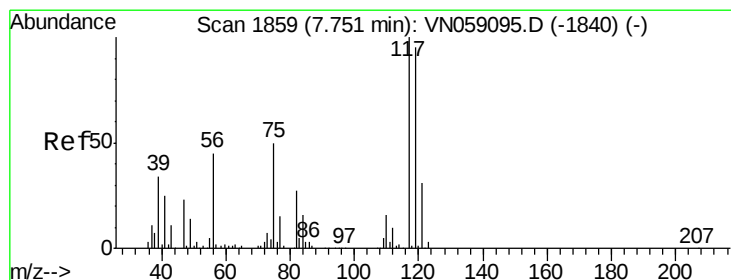
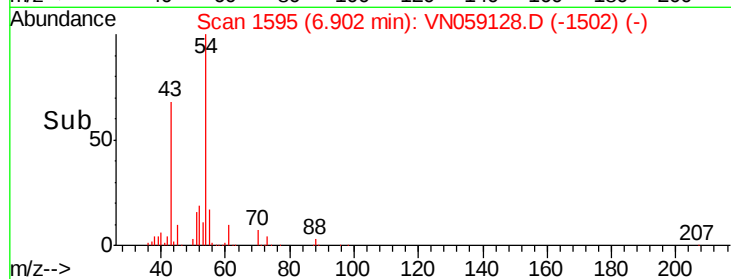
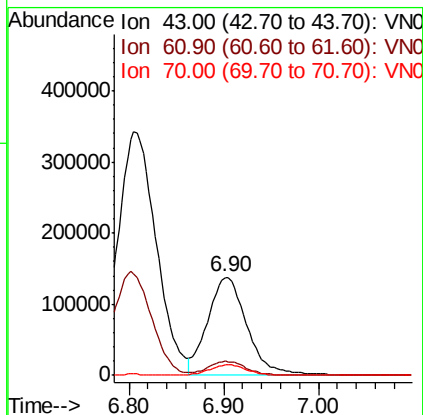
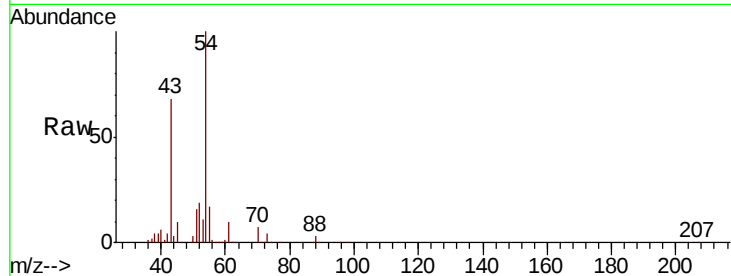




#37
Ethyl Acetate
Concen: 48.145 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VN059128.D
Acq: 7 Nov 2019 17:44

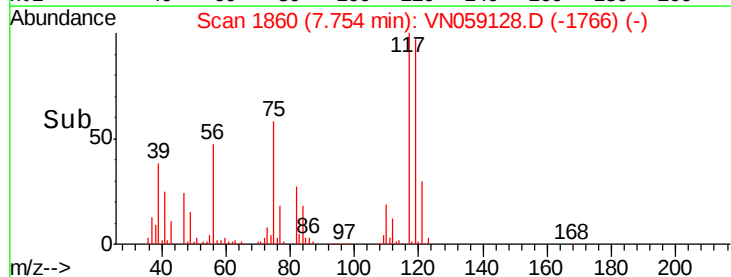
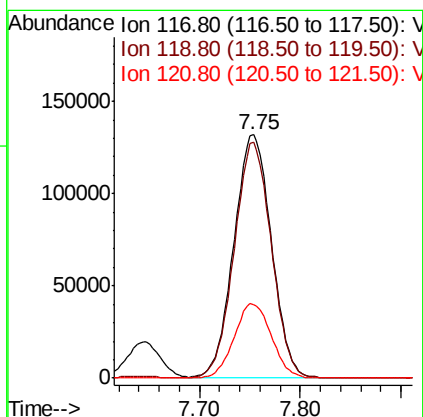
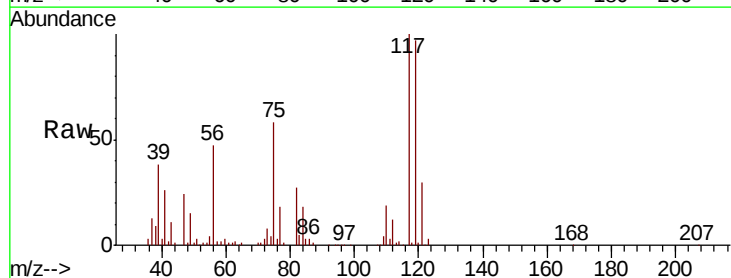
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

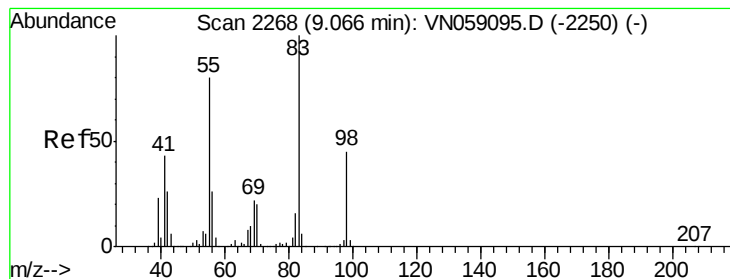
Tot Ion: 43 Resp: 390345
Ion Ratio Lower Upper
43 100
61 14.0 11.2 16.8
70 10.2 7.8 11.8



#38
Carbon Tetrachloride
Concen: 47.129 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059128.D
Acq: 7 Nov 2019 17:44

Tgt Ion: 117 Resp: 341871
Ion Ratio Lower Upper
117 100
119 97.2 75.6 113.4
121 30.4 24.6 36.8





#39

Methvlcvclohexane

Concen: 47.968 ug/l

RT: 9.07 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

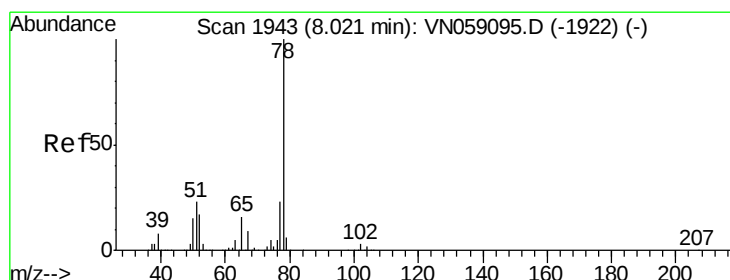
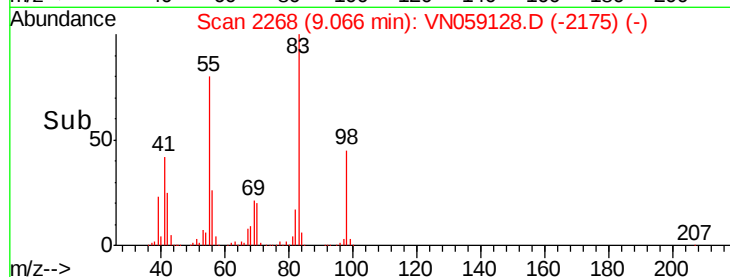
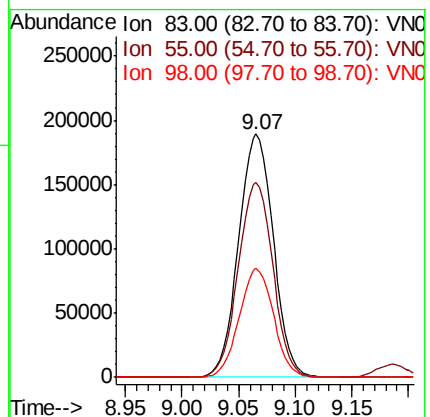
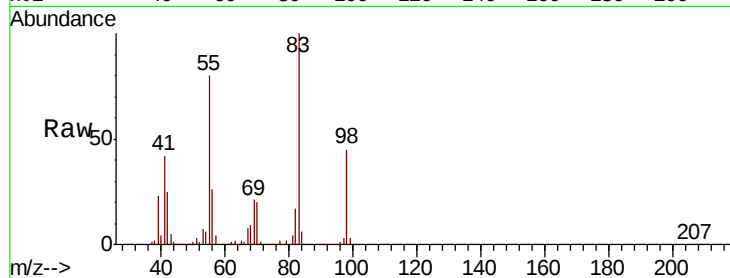
Tot Ion: 83 Resp: 405734

Ion Ratio Lower Upper

83 100

55 80.2 63.9 95.9

98 44.7 35.6 53.4



#40

Benzene

Concen: 47.681 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN059128.D

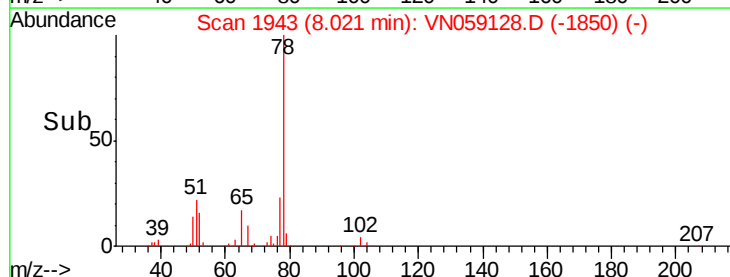
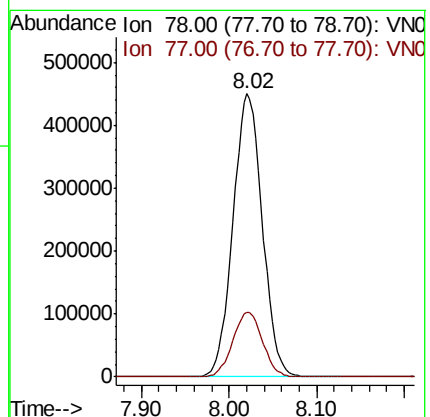
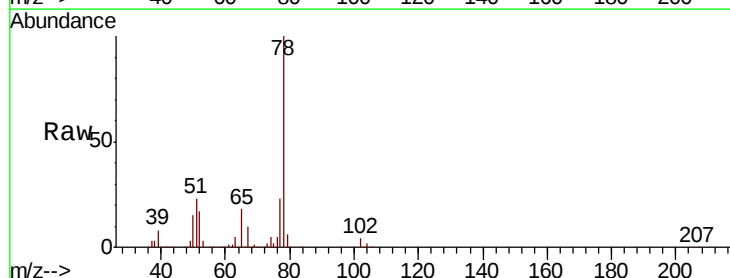
Acq: 7 Nov 2019 17:44

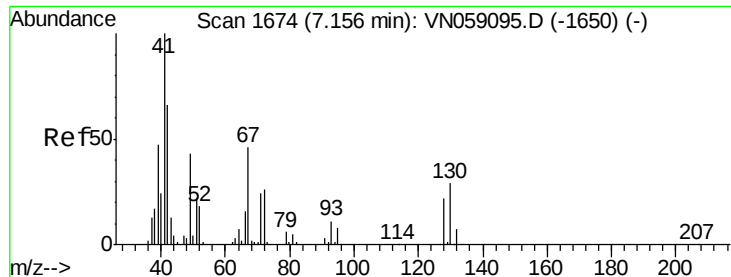
Tgt Ion: 78 Resp: 1046446

Ion Ratio Lower Upper

78 100

77 22.9 18.8 28.2

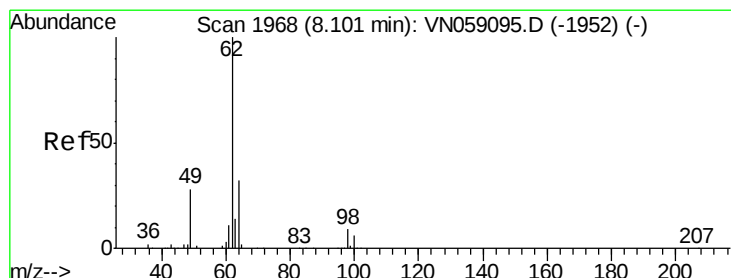
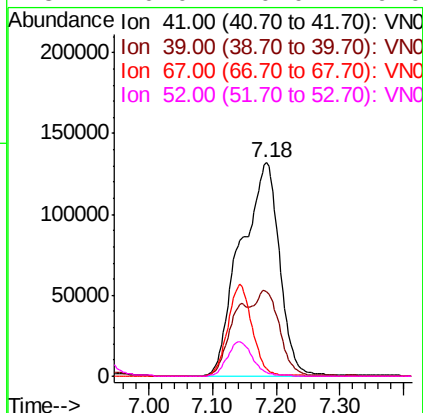
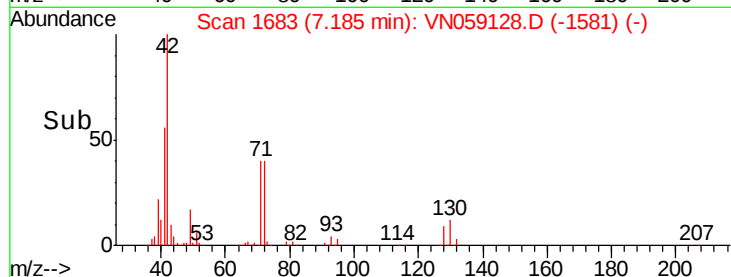
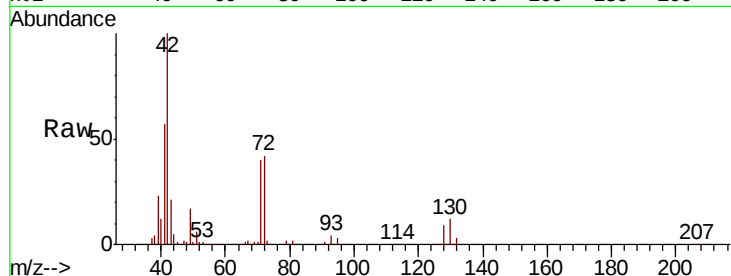




#41
Methacrylonitrile
Concen: 159.108 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.03 min
Lab File: VN059128.D
Acq: 7 Nov 2019 17:44

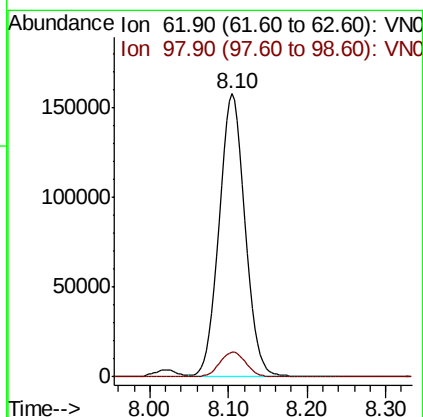
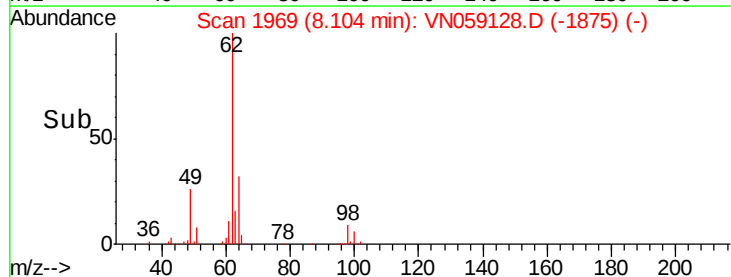
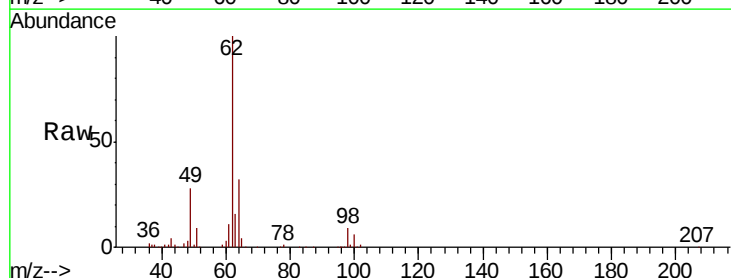
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

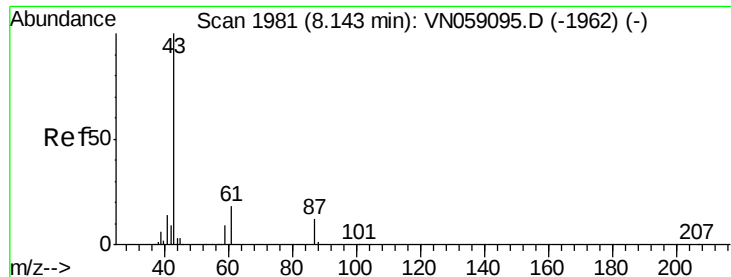
Tot Ion:	41	Resp:	560948
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 47.533 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059128.D
Acq: 7 Nov 2019 17:44

Tgt Ion:	62	Resp:	357791
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8





#43

Isopropyl Acetate

Concen: 48.046 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. -0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

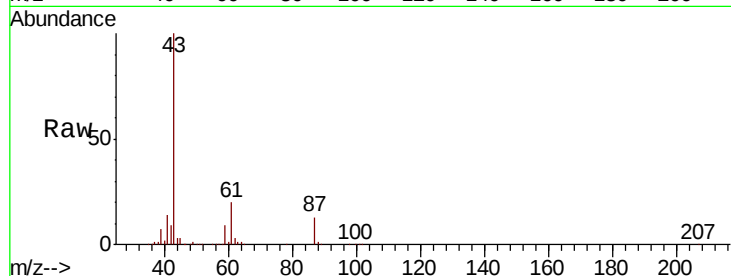
Tot Ion: 43 Resp: 621032

Ion Ratio Lower Upper

43 100

61 26.0 21.0 31.6

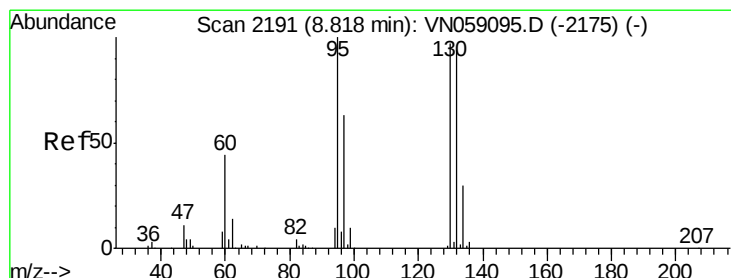
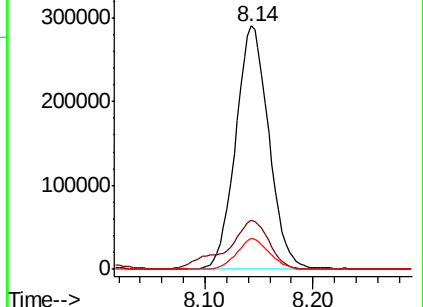
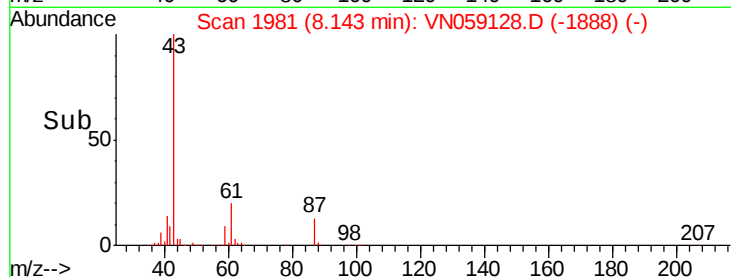
87 12.5 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN059128.D (-1888) (-)

Ion 61.00 (60.70 to 61.70): VN059128.D (-1888) (-)

Ion 87.00 (86.70 to 87.70): VN059128.D (-1888) (-)



#44

Trichloroethene

Concen: 46.960 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN059128.D

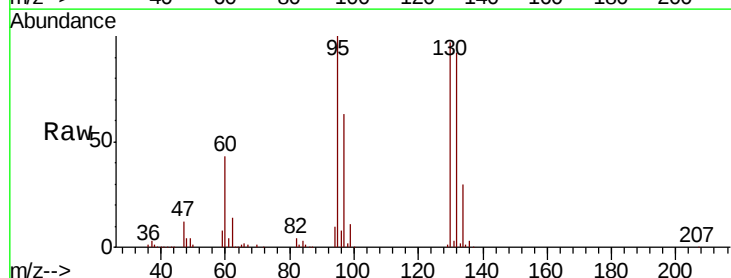
Acq: 7 Nov 2019 17:44

Tgt Ion: 130 Resp: 253344

Ion Ratio Lower Upper

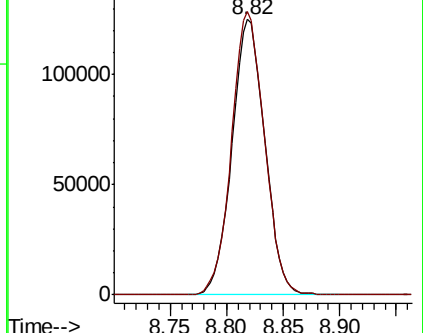
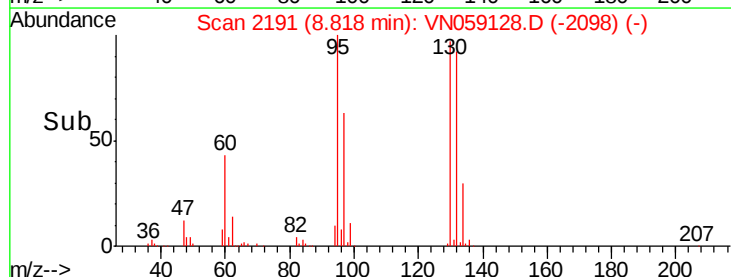
130 100

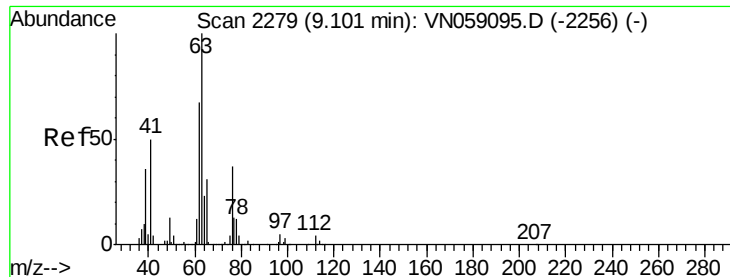
95 102.7 0.0 206.4



Abundance Ion 129.80 (129.50 to 130.50): VN059128.D (-2098) (-)

Ion 94.90 (94.60 to 95.60): VN059128.D (-2098) (-)

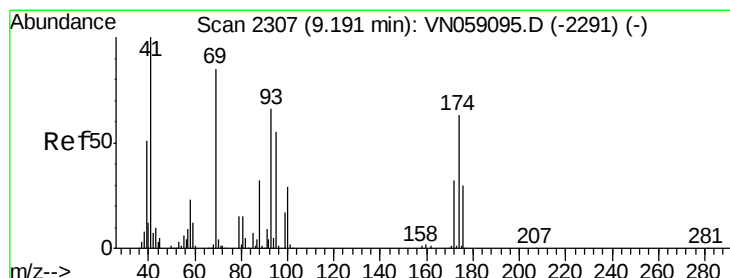
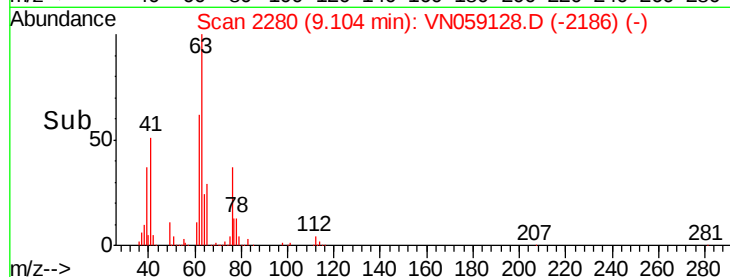
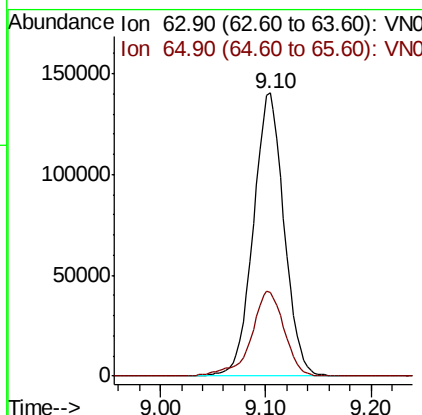
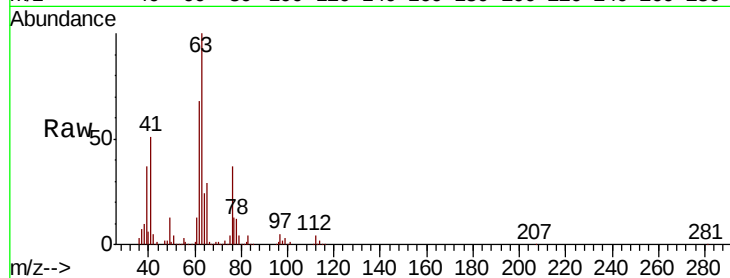




#45
 1,2-Dichloropropane
 Concen: 47.840 ug/l
 RT: 9.10 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: VN059128.D
 Acq: 7 Nov 2019 17:44

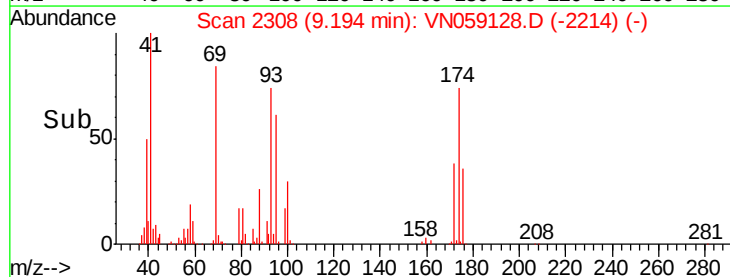
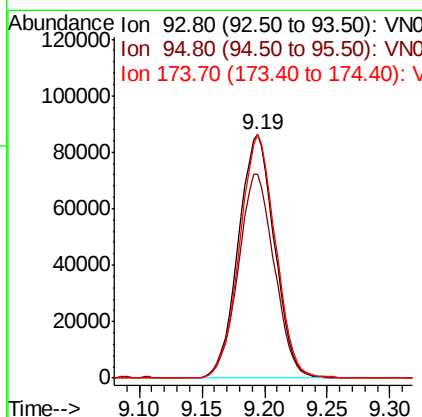
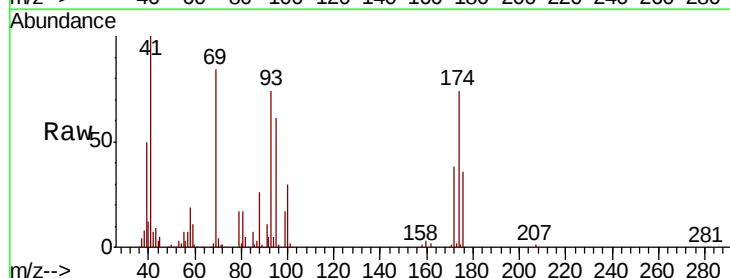
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

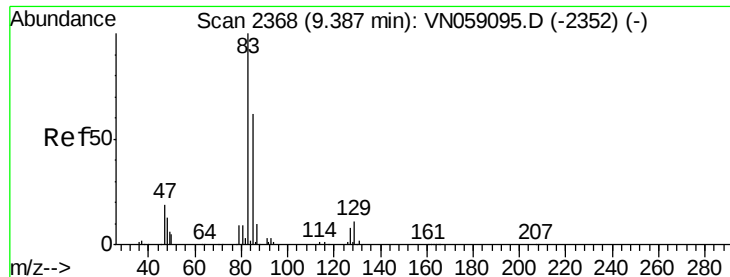
Tot Ion: 63 Resp: 285182
 Ion Ratio Lower Upper
 63 100
 65 29.4 24.6 37.0



#46
 Dibromomethane
 Concen: 46.529 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN059128.D
 Acq: 7 Nov 2019 17:44

Tgt Ion: 93 Resp: 172840
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.6 100.0
 174 99.5 78.2 117.2





#47

Bromodichloromethane

Concen: 48.140 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

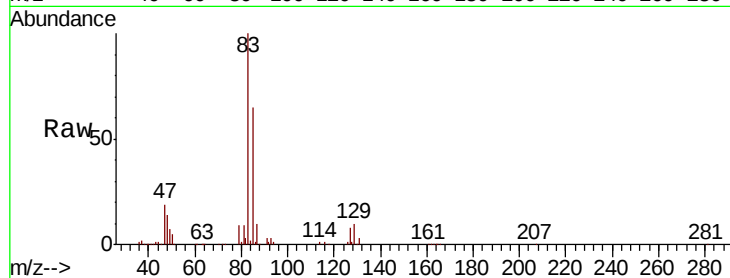
Tot Ion: 83 Resp: 357080

Ion Ratio Lower Upper

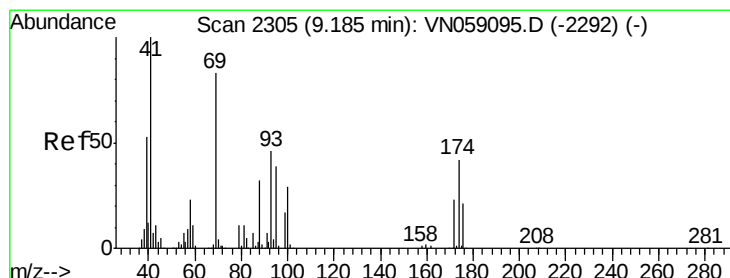
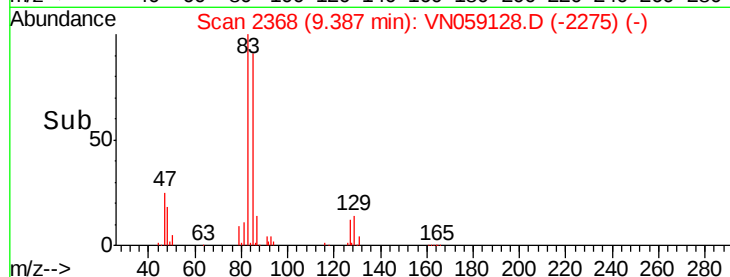
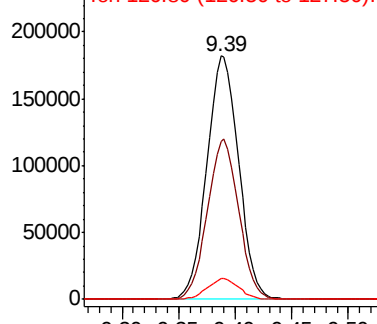
83 100

85 65.0 49.7 74.5

127 8.4 6.4 9.6



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: 49.029 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

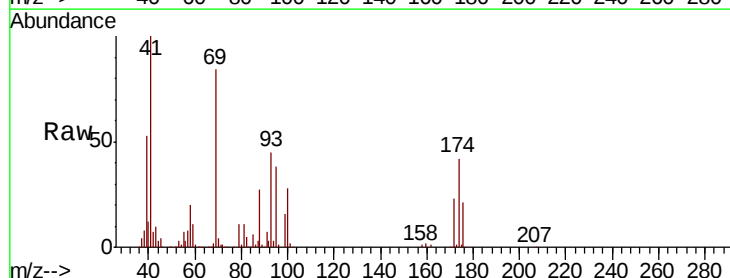
Tgt Ion: 41 Resp: 283469

Ion Ratio Lower Upper

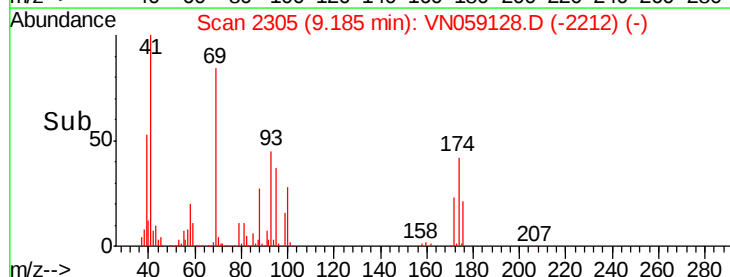
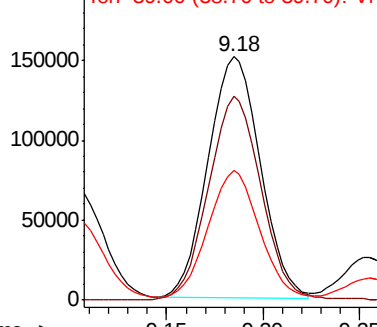
41 100

69 85.7 67.3 100.9

39 53.5 43.3 64.9



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

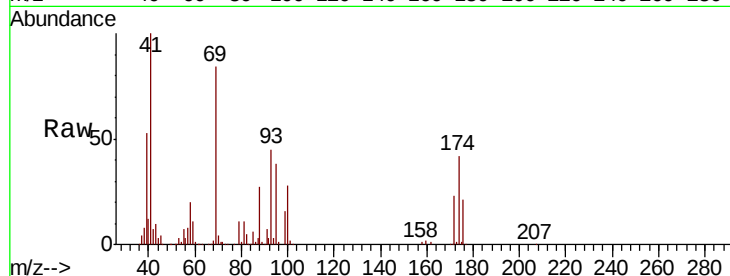




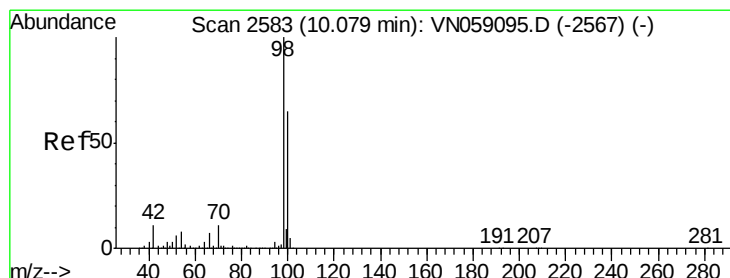
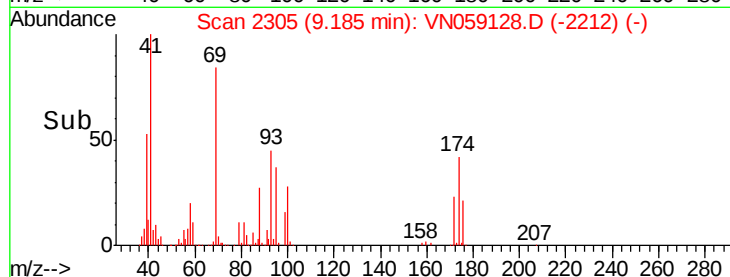
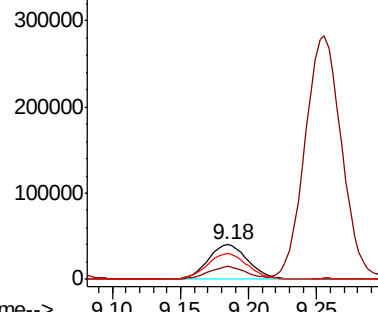
#49
1,4-Dioxane
Concen: 807.478 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059128.D
Acq: 7 Nov 2019 17:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 82967
Ion Ratio Lower Upper
88 100
43 34.3 26.3 39.5
58 75.0 60.6 90.8

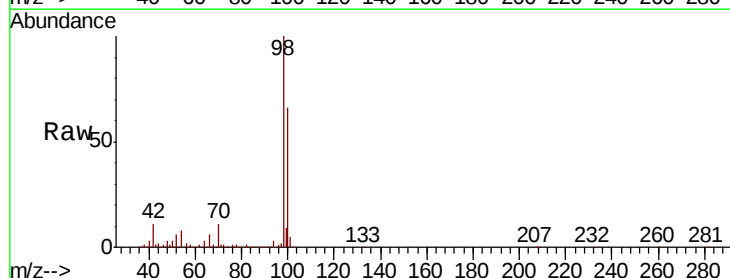


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

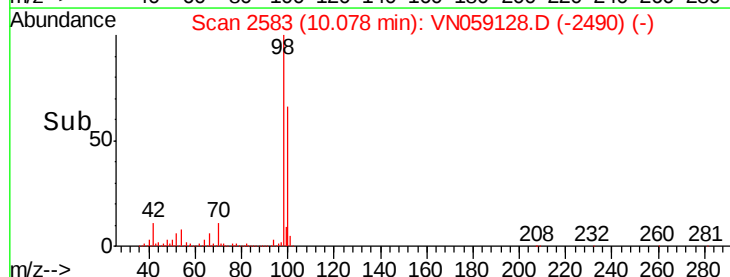
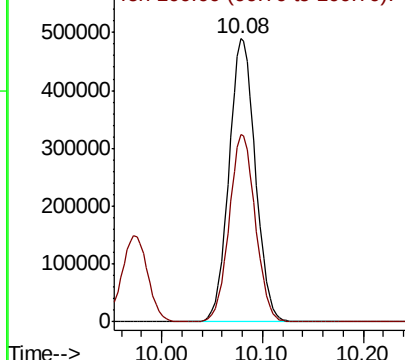


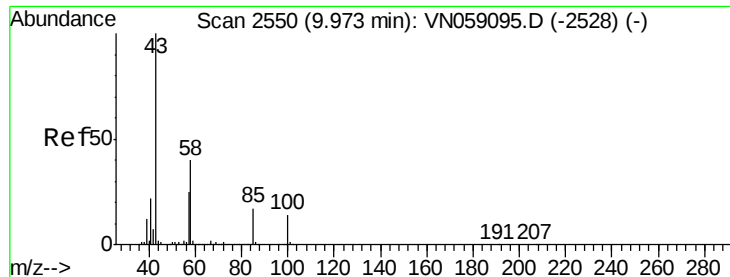
#50
Toluene-d8
Concen: 48.578 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059128.D
Acq: 7 Nov 2019 17:44

Tgt Ion: 98 Resp: 890823
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2



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: 266.204 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

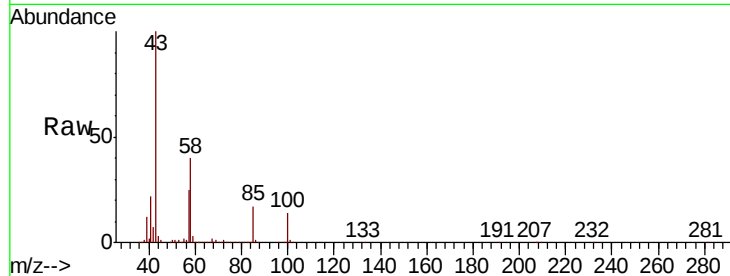
VSTDCCC050EC

Tot Ion: 43 Resp: 1946938

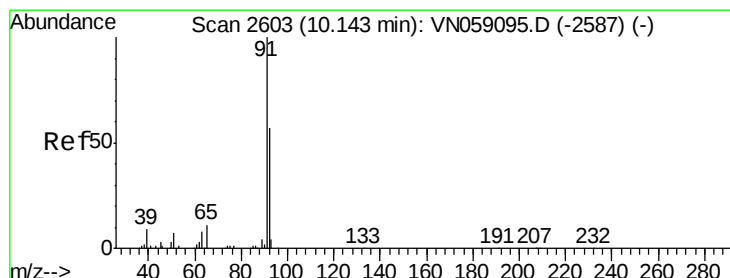
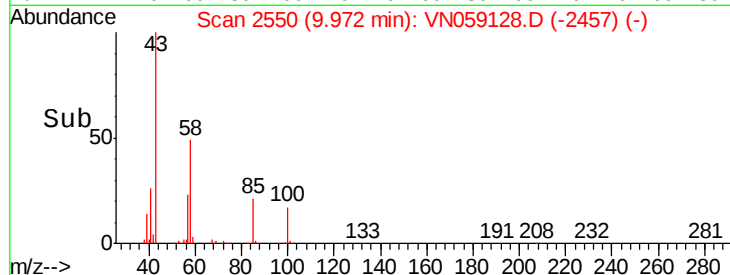
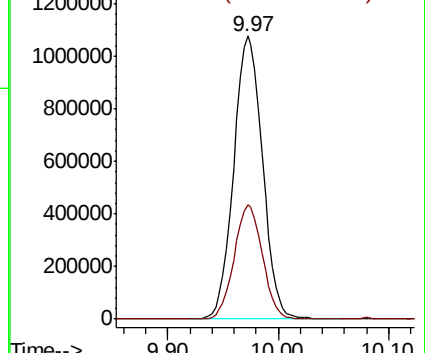
Ion Ratio Lower Upper

43 100

58 39.7 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-2528) (-)



#52

Toluene

Concen: 48.414 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059128.D

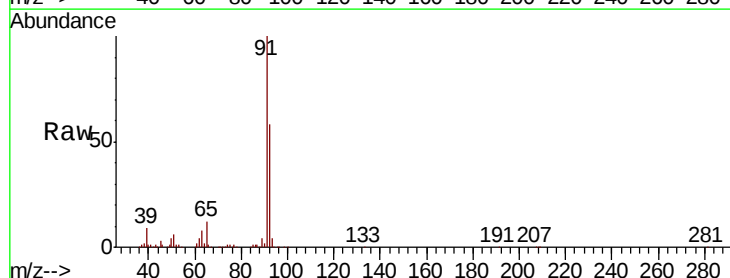
Acq: 7 Nov 2019 17:44

Tgt Ion: 92 Resp: 636845

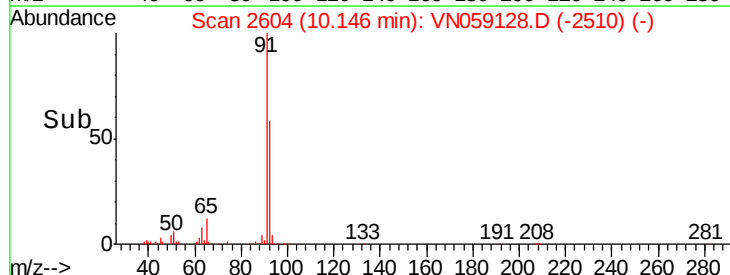
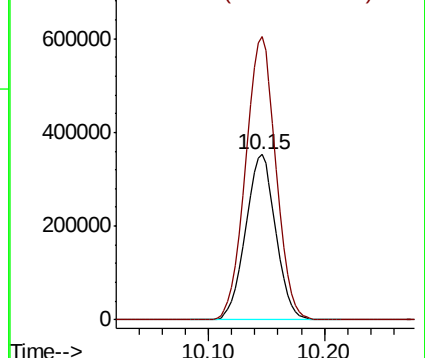
Ion Ratio Lower Upper

92 100

91 172.7 139.5 209.3



Abundance Ion 92.00 (91.70 to 92.70): VN059095.D (-2587) (-)





#53

t-1,3-Dichloropropene

Concen: 47.780 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

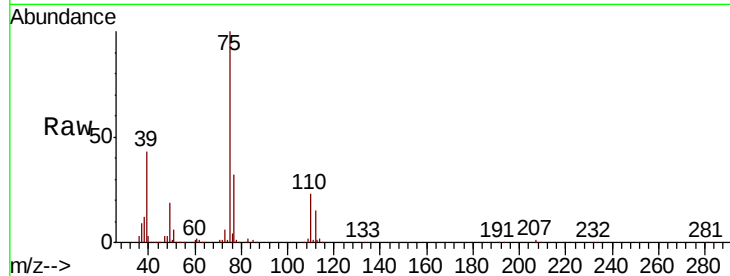
VSTDCCC050EC

Tot Ion: 75 Resp: 409466

Ion Ratio Lower Upper

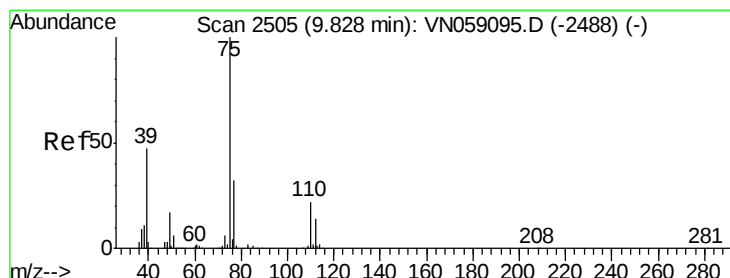
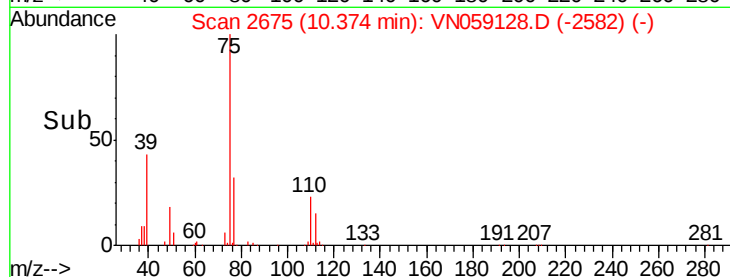
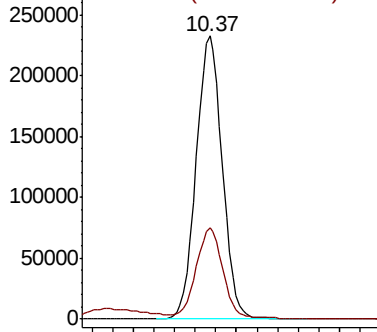
75 100

77 31.9 25.3 37.9



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: 48.401 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

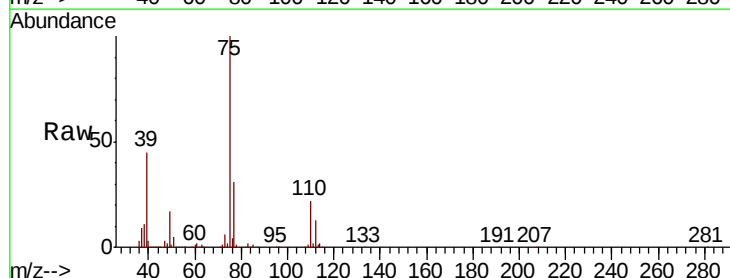
Tgt Ion: 75 Resp: 446175

Ion Ratio Lower Upper

75 100

77 30.9 25.5 38.3

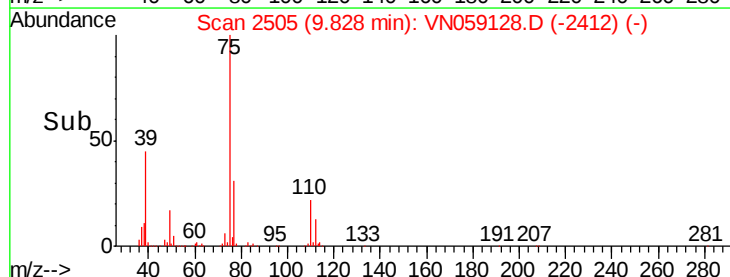
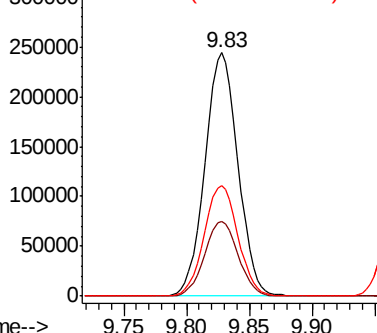
39 45.3 37.3 55.9

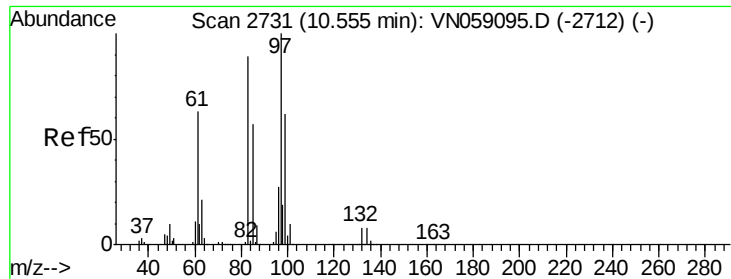


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

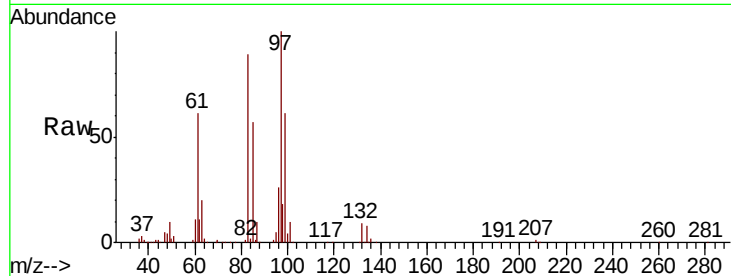




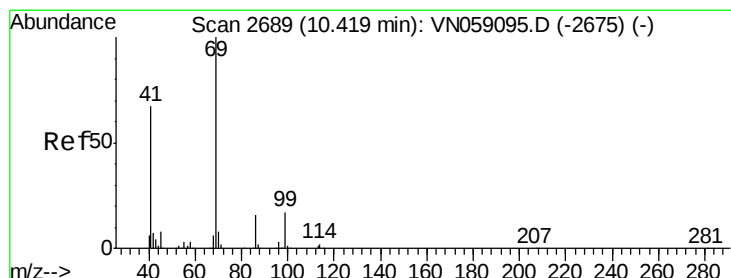
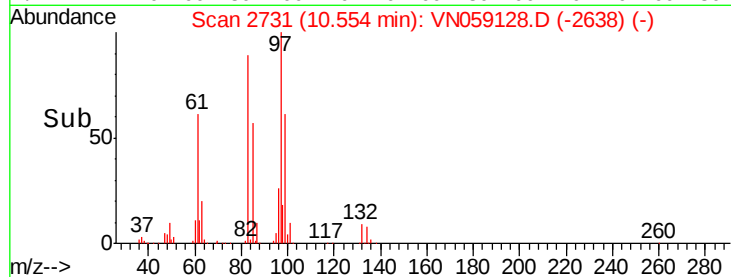
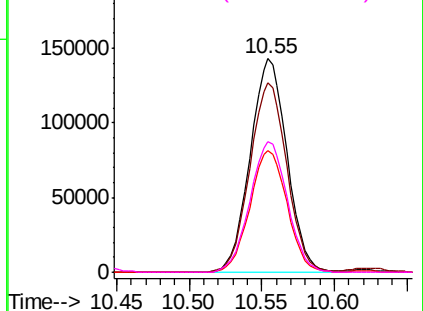
#55
 1,1,2-Trichloroethane
 Concen: 47.512 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059128.D
 Acq: 7 Nov 2019 17:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 252935
 Ion Ratio Lower Upper
 97 100
 83 88.6 71.0 106.4
 85 57.2 45.8 68.8
 99 61.4 49.4 74.0

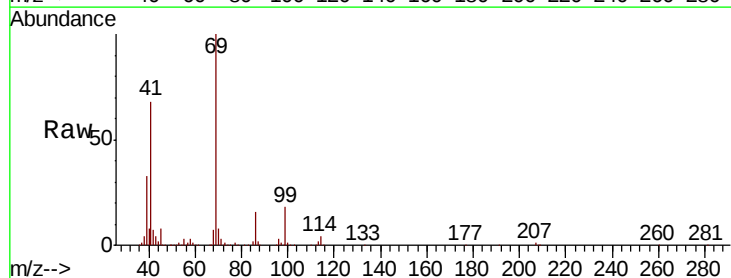


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

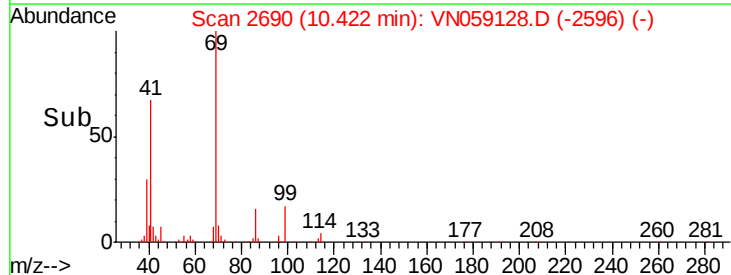
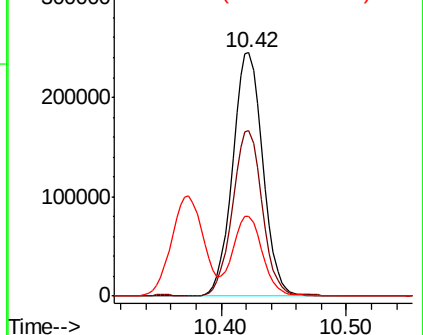


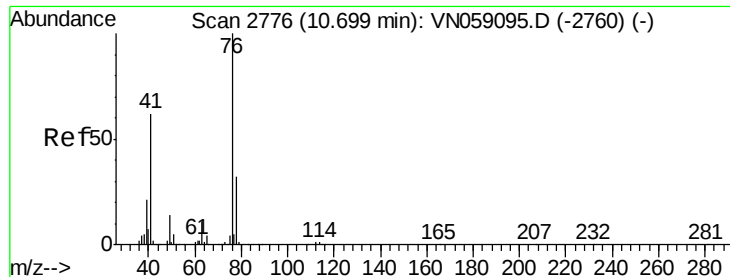
#56
 Ethyl methacrylate
 Concen: 46.335 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059128.D
 Acq: 7 Nov 2019 17:44

Tgt Ion: 69 Resp: 410157
 Ion Ratio Lower Upper
 69 100
 41 66.3 53.6 80.4
 39 31.6 26.2 39.4



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

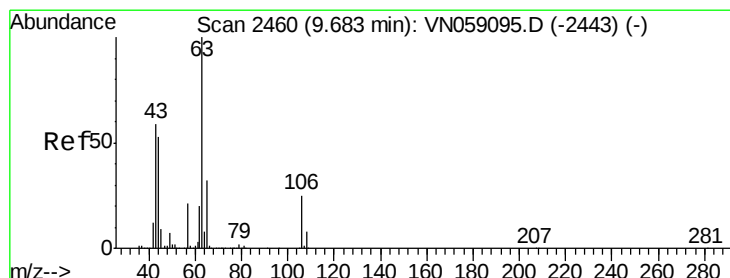
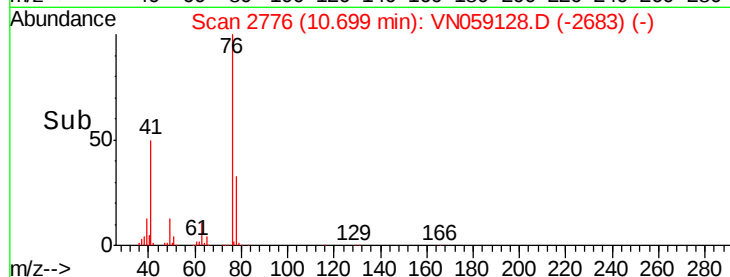
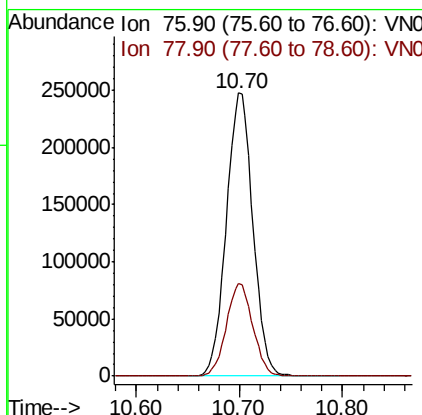
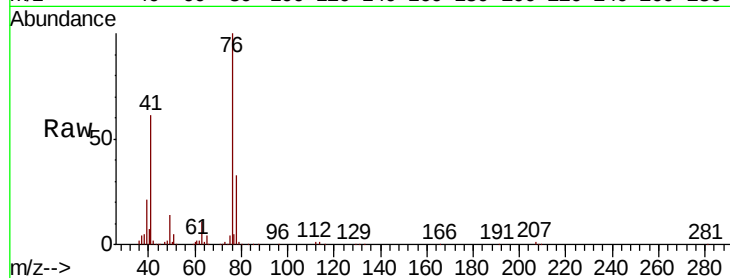




#57
 1,3-Dichloropropane
 Concen: 48.546 ug/l
 RT: 10.70 min Scan# 2776
 Delta R.T. -0.00 min
 Lab File: VN059128.D
 Acq: 7 Nov 2019 17:44

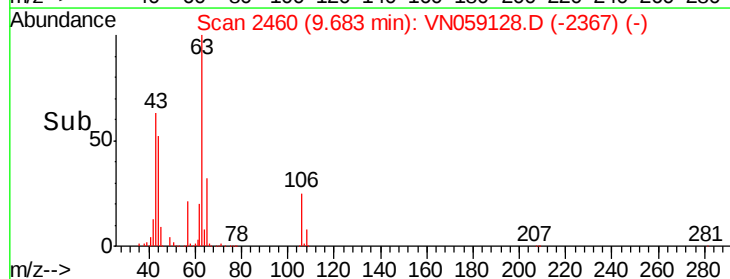
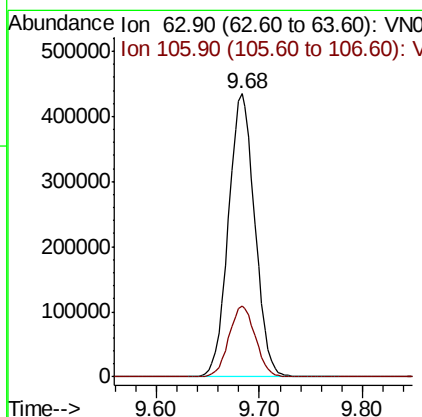
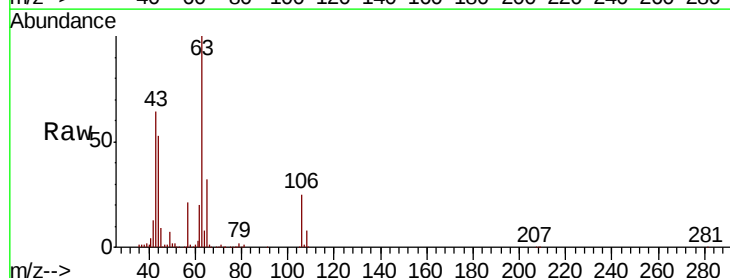
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

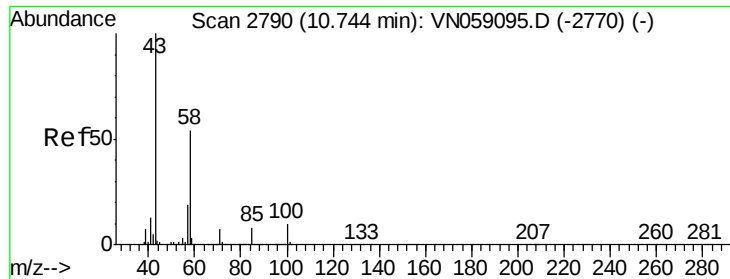
Tot Ion: 76 Resp: 444810
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 261.110 ug/l
 RT: 9.68 min Scan# 2460
 Delta R.T. -0.00 min
 Lab File: VN059128.D
 Acq: 7 Nov 2019 17:44

Tgt Ion: 63 Resp: 773604
 Ion Ratio Lower Upper
 63 100
 106 25.3 20.2 30.2

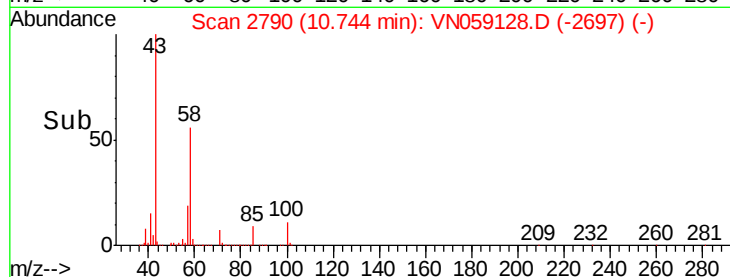
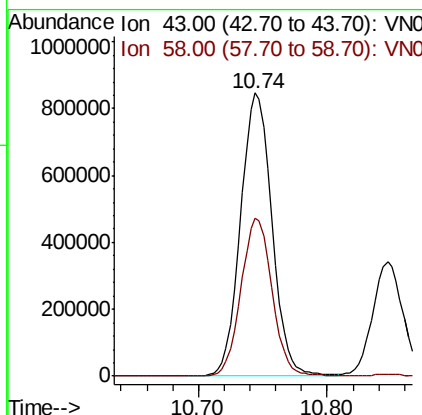
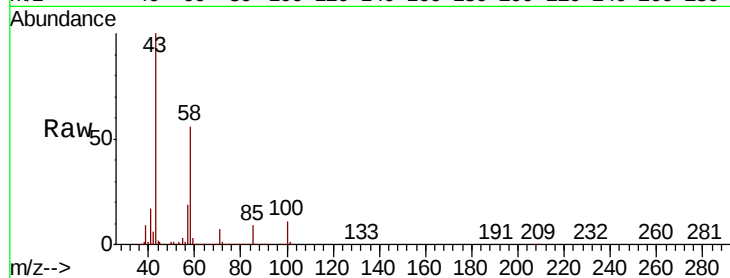




#59
2-Hexanone
Concen: 255.195 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059128.D
Acq: 7 Nov 2019 17:44

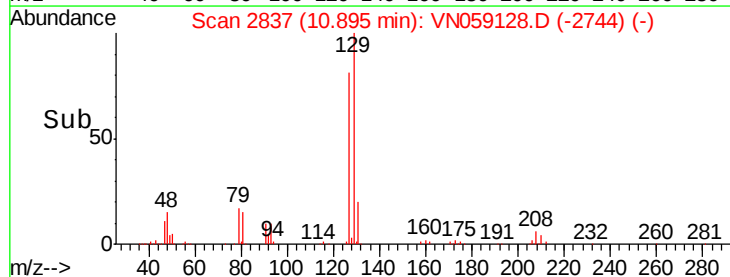
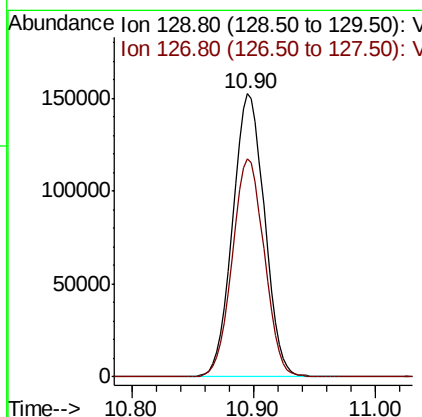
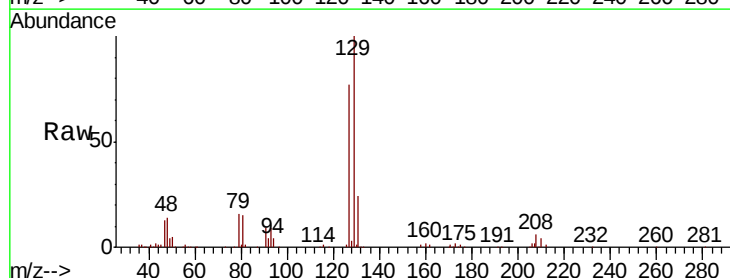
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

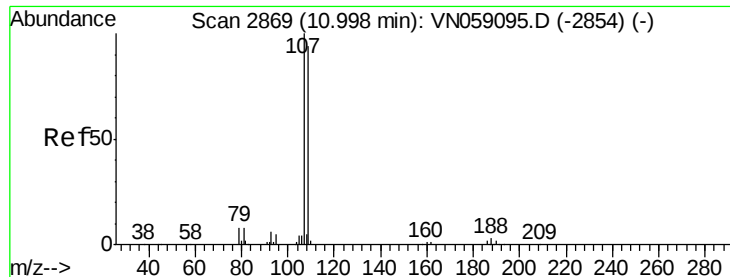
Tot Ion: 43 Resp: 1432567
Ion Ratio Lower Upper
43 100
58 55.4 27.3 81.8



#60
Dibromochloromethane
Concen: 49.111 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059128.D
Acq: 7 Nov 2019 17:44

Tgt Ion: 129 Resp: 276426
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8

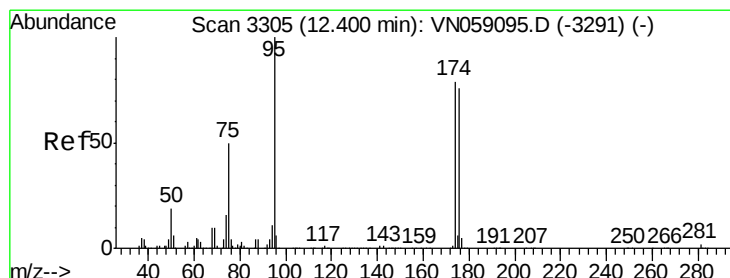
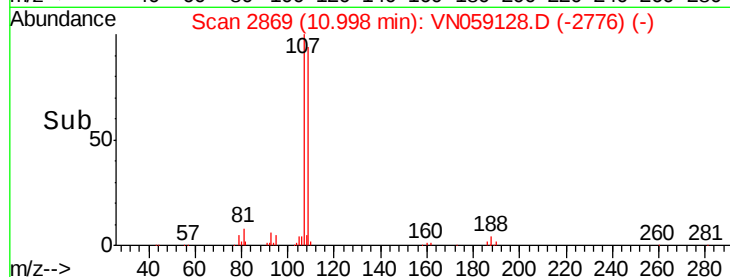
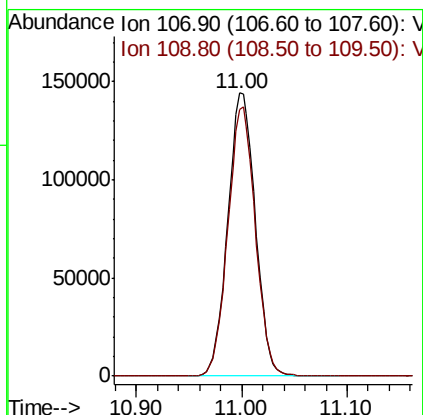
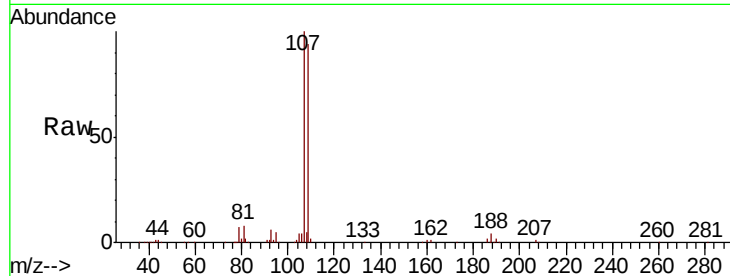




#61
 1,2-Dibromoethane
 Concen: 48.255 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. -0.00 min
 Lab File: VN059128.D
 Acq: 7 Nov 2019 17:44

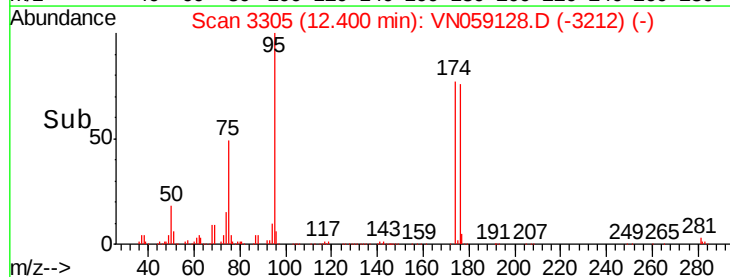
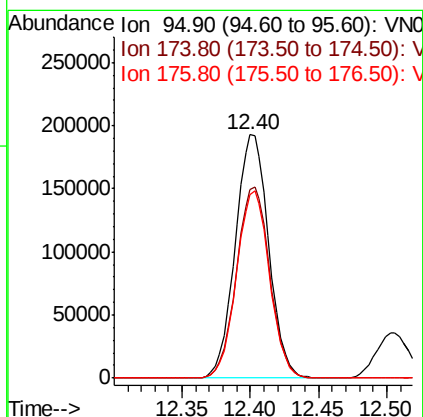
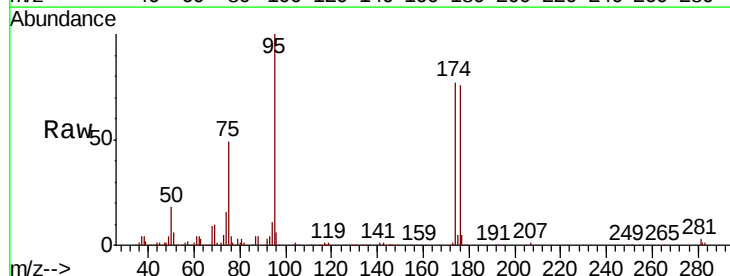
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

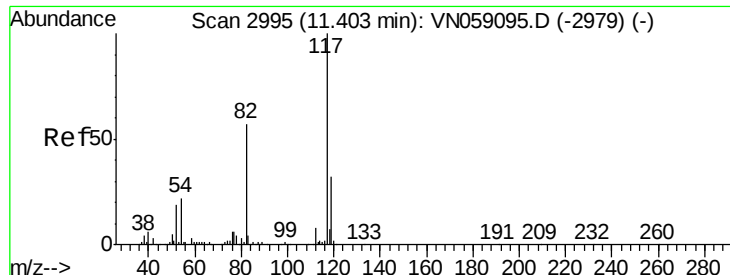
Tot Ion: 107 Resp: 260056
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 49.493 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN059128.D
 Acq: 7 Nov 2019 17:44

Tgt Ion: 95 Resp: 327249
 Ion Ratio Lower Upper
 95 100
 174 78.4 0.0 158.2
 176 76.2 0.0 151.8

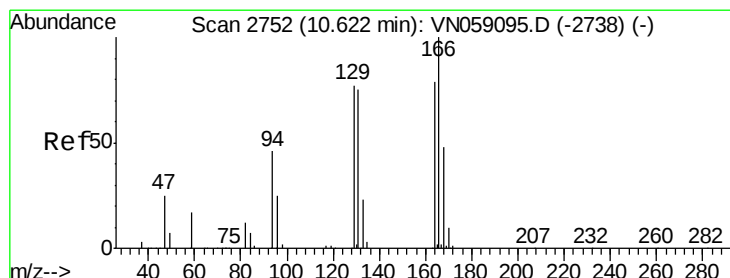
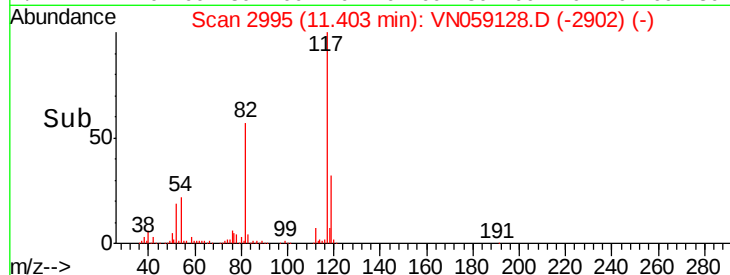
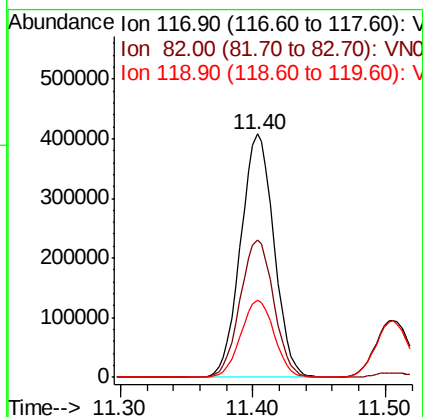
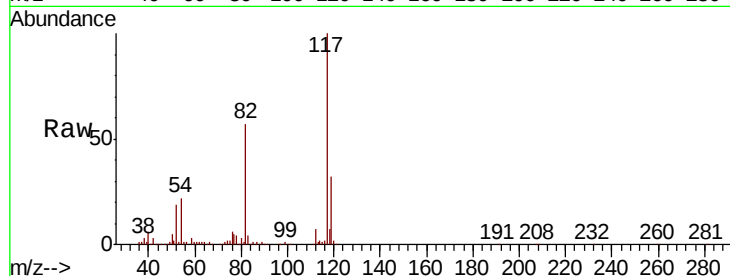




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059128.D
Acq: 7 Nov 2019 17:44

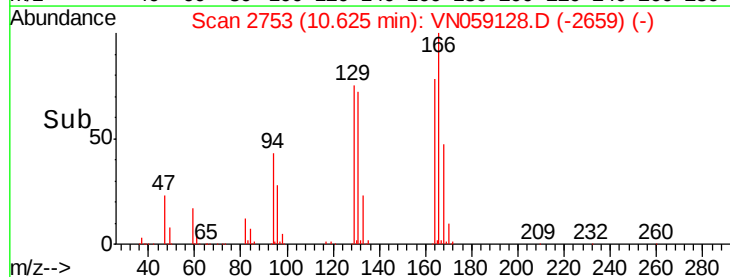
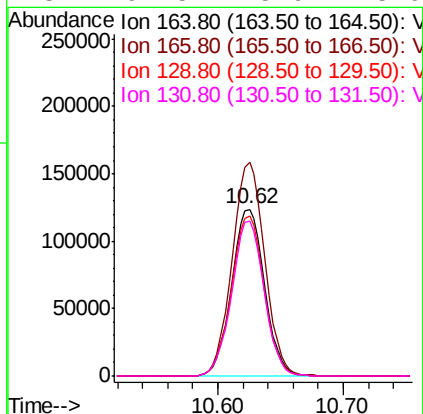
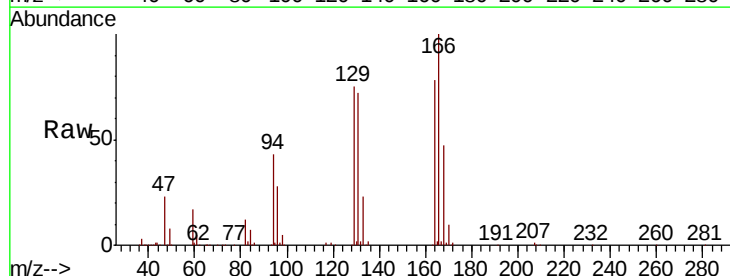
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 711811
Ion Ratio Lower Upper
117 100
82 56.6 45.8 68.8
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 46.530 ug/l
RT: 10.62 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN059128.D
Acq: 7 Nov 2019 17:44

Tgt Ion:164 Resp: 225216
Ion Ratio Lower Upper
164 100
166 128.0 101.5 152.3
129 95.8 78.3 117.5
131 92.5 75.9 113.9

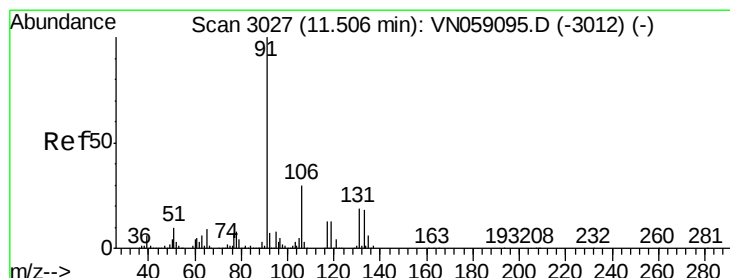
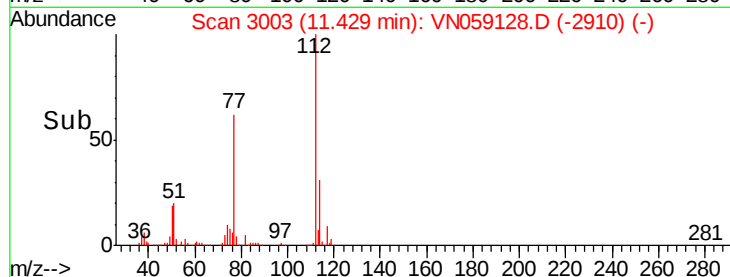
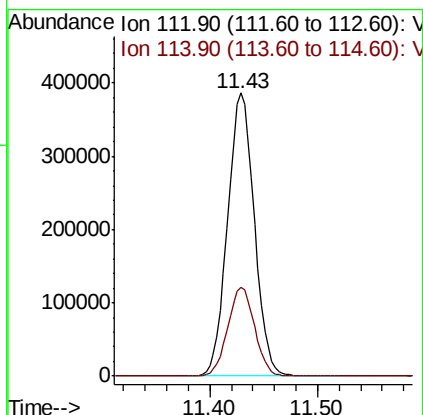
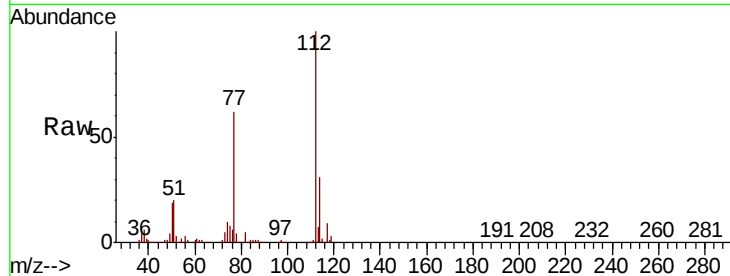




#65
Chlorobenzene
Concen: 48.186 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059128.D
Acq: 7 Nov 2019 17:44

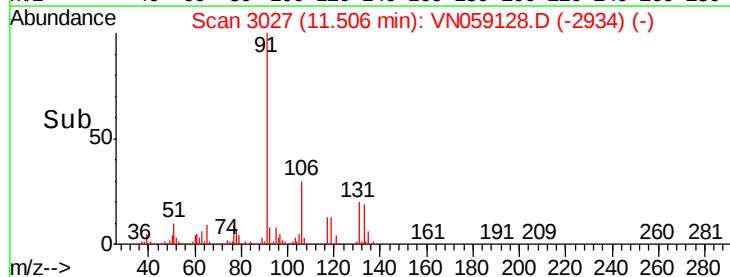
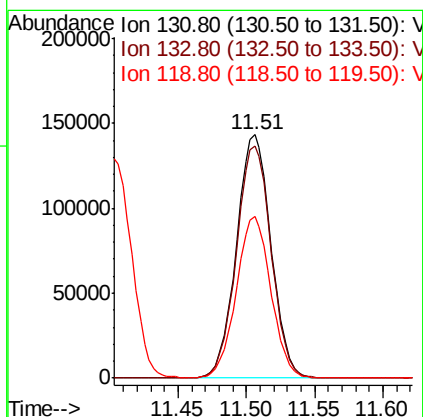
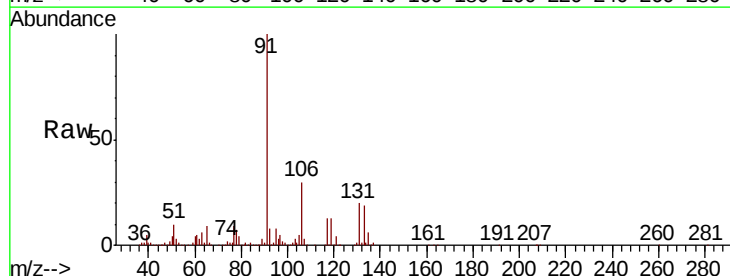
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

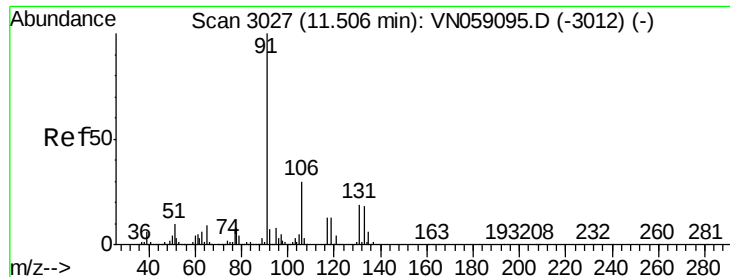
Tot Ion:112 Resp: 668634
Ion Ratio Lower Upper
112 100
114 31.5 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.366 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059128.D
Acq: 7 Nov 2019 17:44

Tgt Ion:131 Resp: 251754
Ion Ratio Lower Upper
131 100
133 96.3 47.4 142.3
119 66.5 33.2 99.6





#67

Ethyl Benzene

Concen: 49.729 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

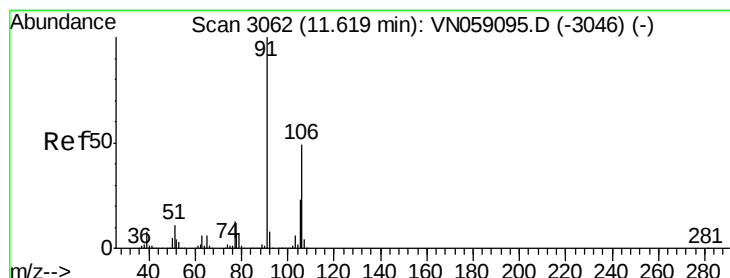
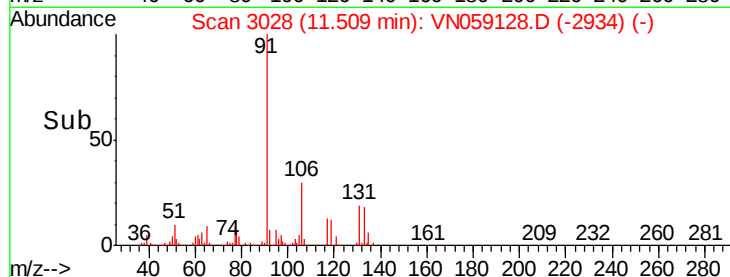
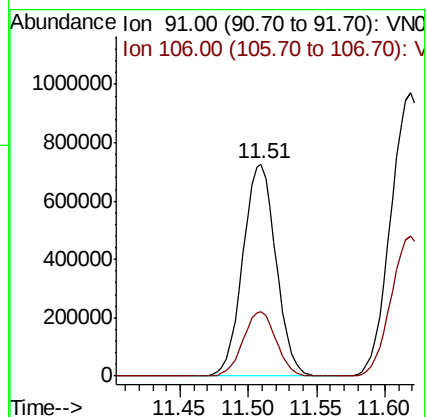
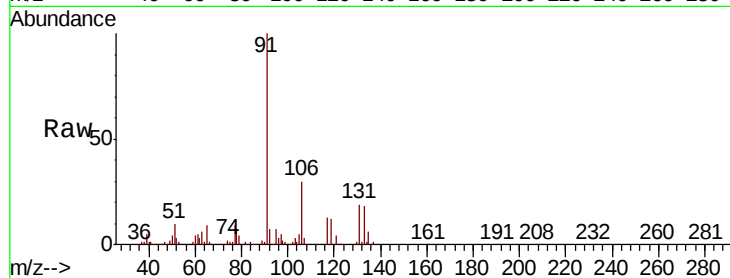
VSTDCCC050EC

Tot Ion: 91 Resp: 1224294

Ion Ratio Lower Upper

91 100

106 30.4 24.1 36.1



#68

m/p-Xylenes

Concen: 99.254 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059128.D

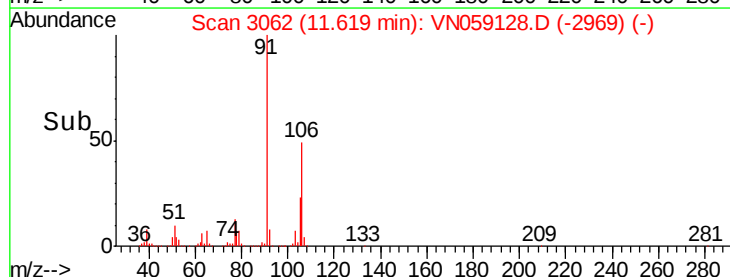
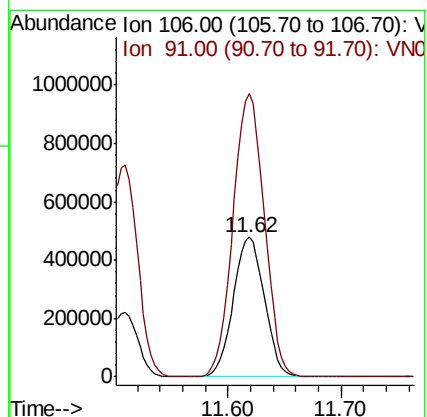
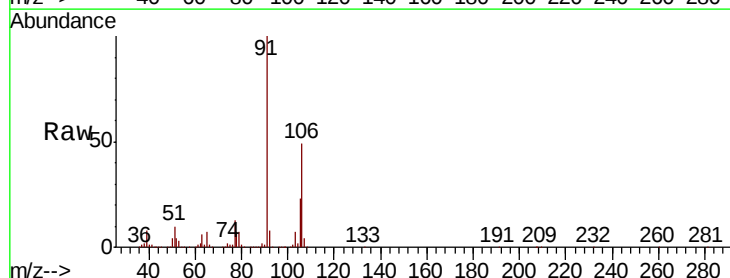
Acq: 7 Nov 2019 17:44

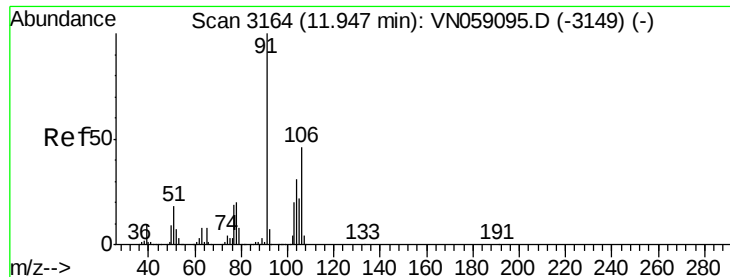
Tgt Ion: 106 Resp: 915324

Ion Ratio Lower Upper

106 100

91 204.4 164.7 247.1

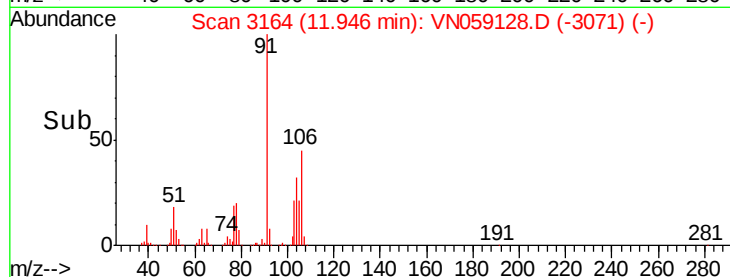
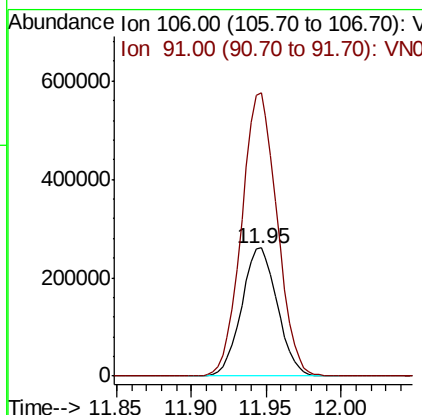
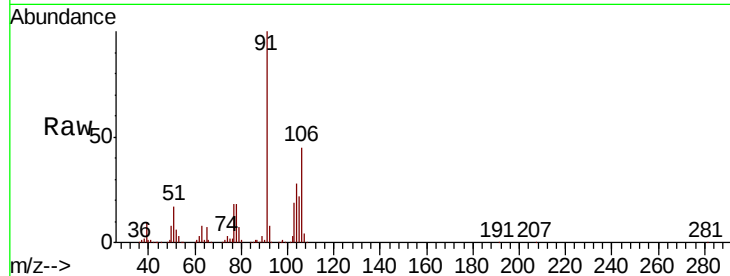




#69
o-Xylene
Concen: 48.721 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN059128.D
Acq: 7 Nov 2019 17:44

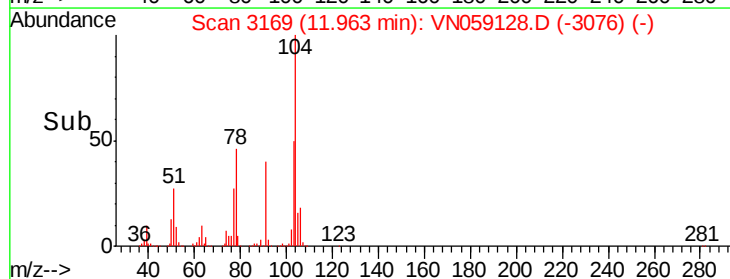
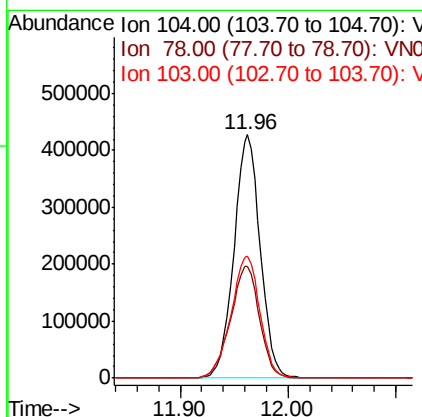
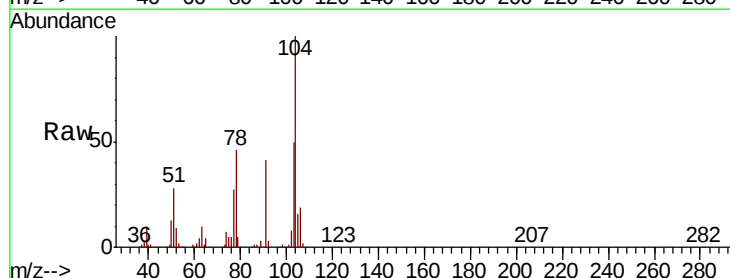
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

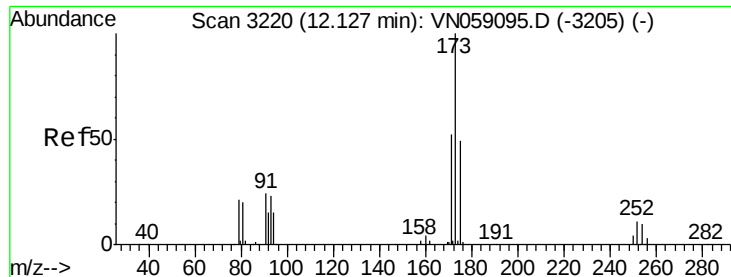
Tot Ion:106 Resp: 434210
Ion Ratio Lower Upper
106 100
91 219.1 110.1 330.3



#70
Styrene
Concen: 51.762 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059128.D
Acq: 7 Nov 2019 17:44

Tgt Ion:104 Resp: 725521
Ion Ratio Lower Upper
104 100
78 50.9 41.2 61.8
103 55.3 43.8 65.6





#71

Bromoform

Concen: 49.763 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

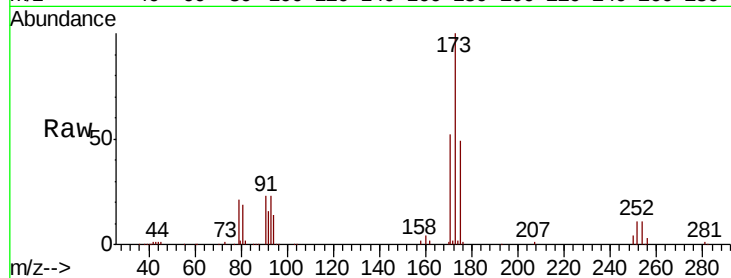
Tot Ion:173 Resp: 201482

Ion Ratio Lower Upper

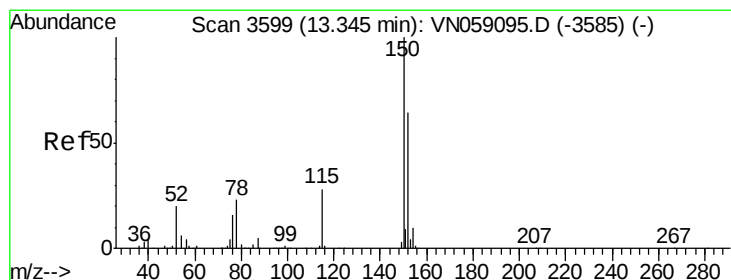
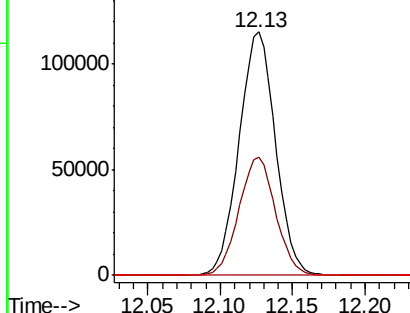
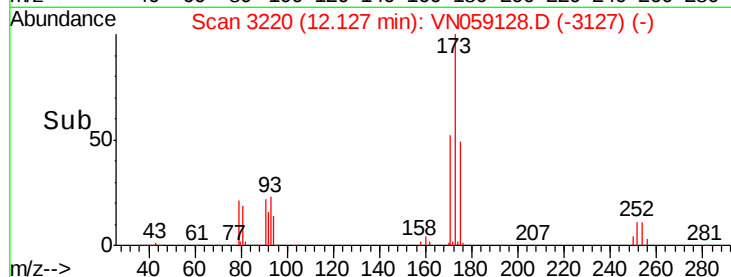
173 100

175 48.6 24.2 72.6

254 0.1 0.1 0.1



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

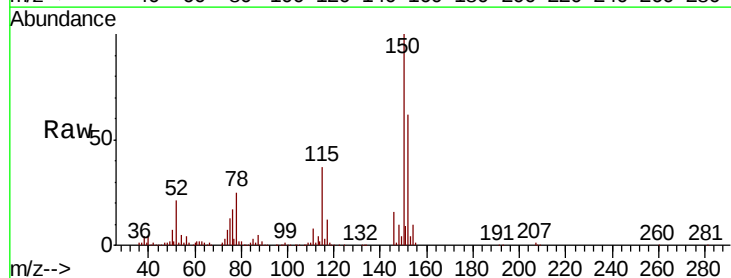
Tgt Ion:152 Resp: 341080

Ion Ratio Lower Upper

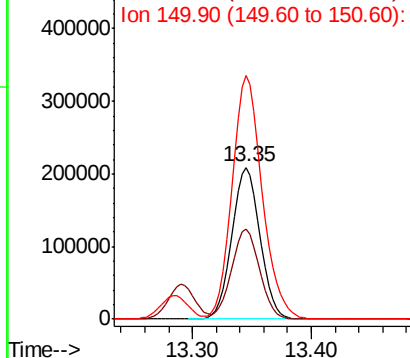
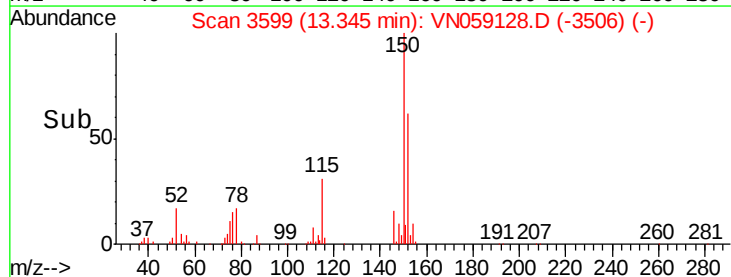
152 100

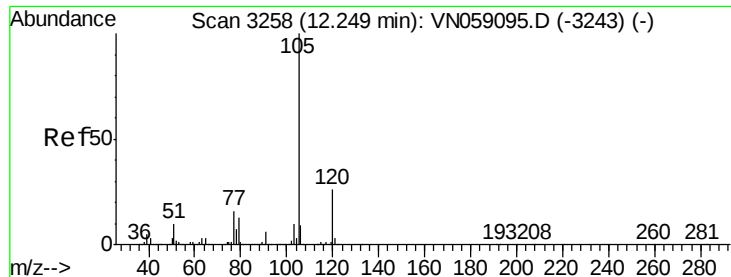
115 59.1 29.4 88.2

150 171.7 0.0 345.8



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: 47.710 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

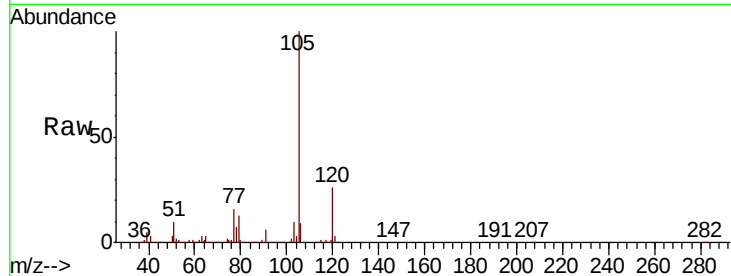
VSTDCCC050EC

Tot Ion: 105 Resp: 1183707

Ion Ratio Lower Upper

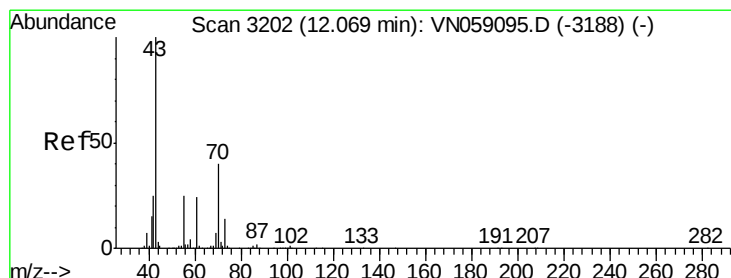
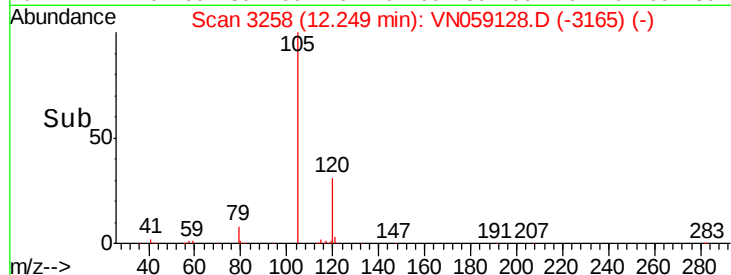
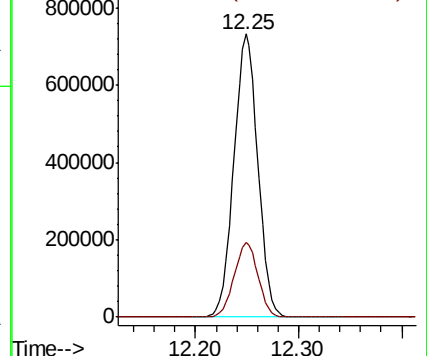
105 100

120 26.2 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.710 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

Tgt Ion: 43 Resp: 522603

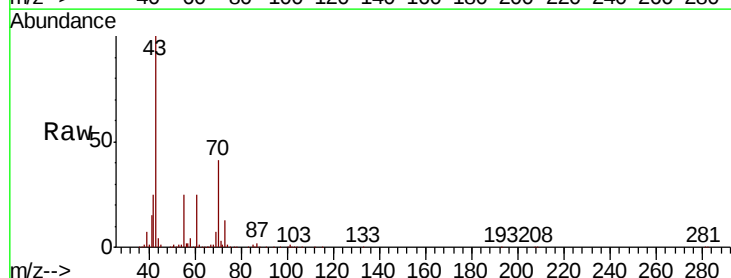
Ion Ratio Lower Upper

43 100

70 41.7 32.2 48.4

55 25.6 20.4 30.6

61 24.5 19.3 28.9

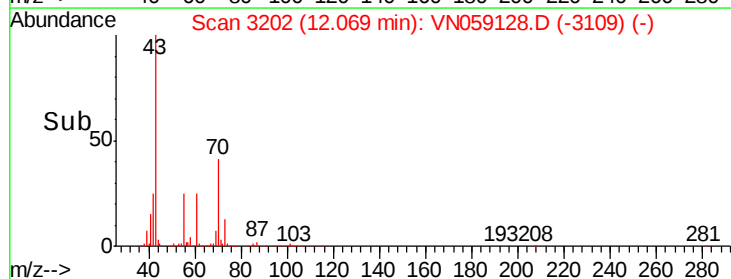
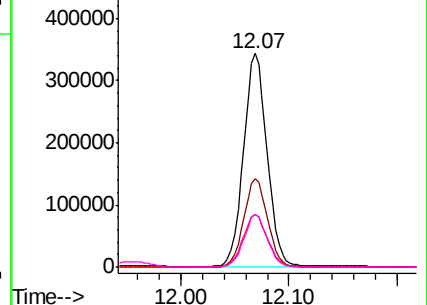


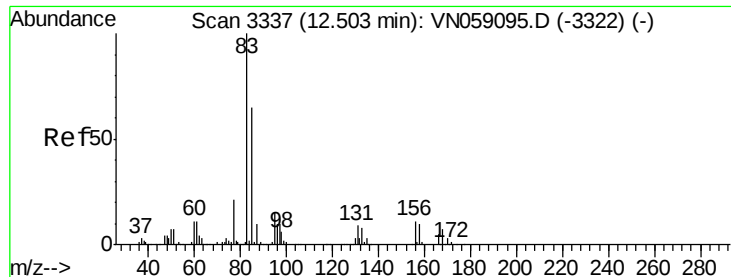
Abundance Ion 43.00 (42.70 to 43.70): V

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: 46.877 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

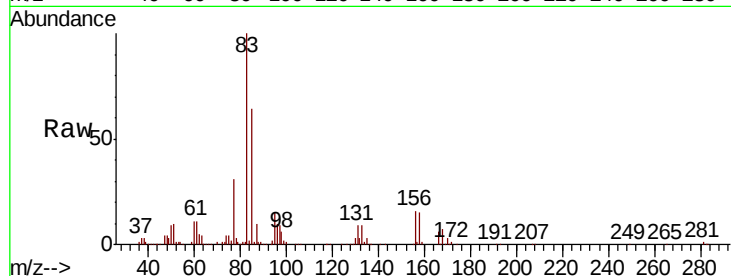
Tot Ion: 83 Resp: 396068

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.6

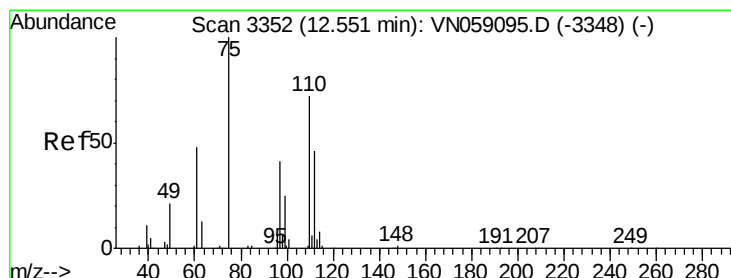
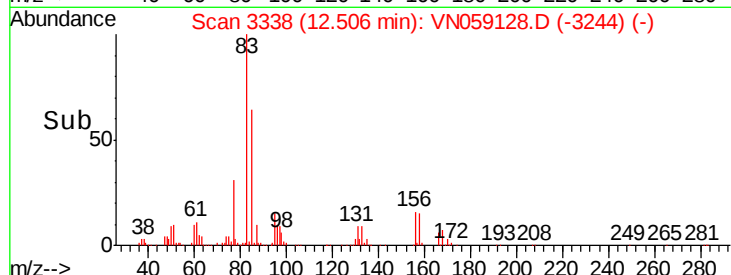
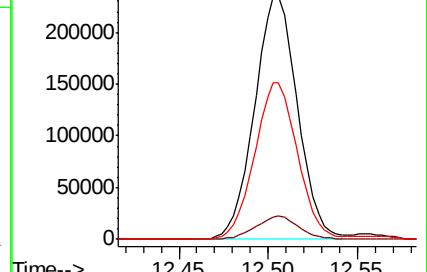
85 64.2 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN059128.D (-3338) (-)

Ion 130.80 (130.50 to 131.50): VN059128.D (-3338) (-)

Ion 84.90 (84.60 to 85.60): VN059128.D (-3338) (-)



#76

1,2,3-Trichloropropane

Concen: 67.593 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059128.D

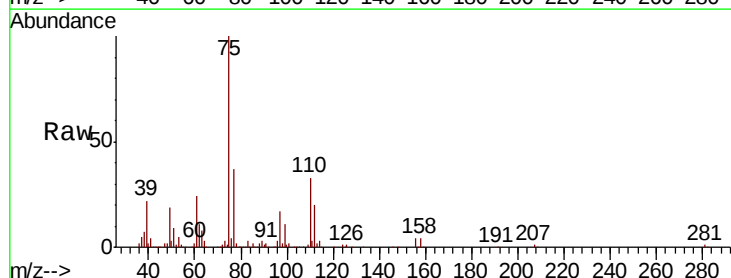
Acq: 7 Nov 2019 17:44

Tgt Ion: 75 Resp: 524880

Ion Ratio Lower Upper

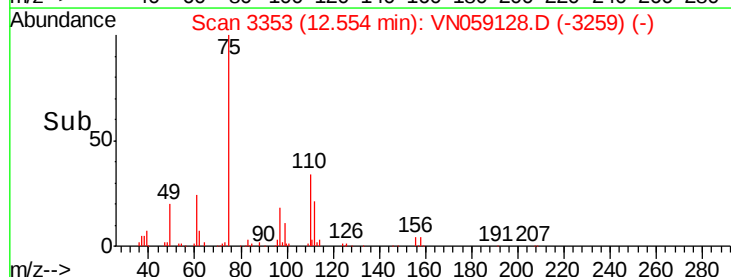
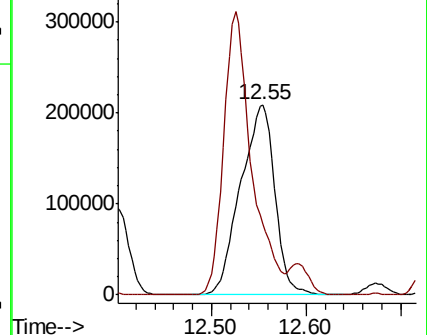
75 100

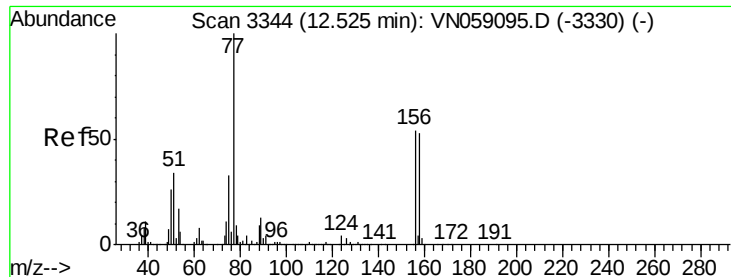
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059128.D (-3353) (-)

Ion 77.00 (76.70 to 77.70): VN059128.D (-3353) (-)





#77

Bromobenzene

Concen: 46.085 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

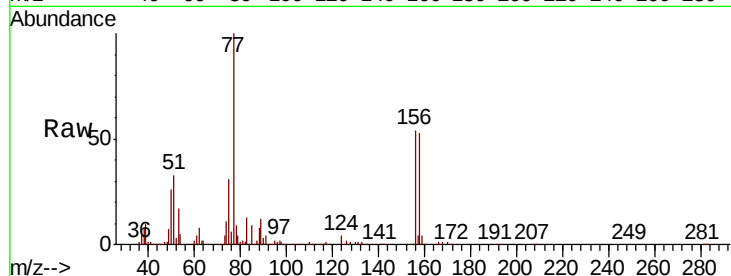
Tot Ion:156 Resp: 287265

Ion Ratio Lower Upper

156 100

77 223.3 112.8 338.3

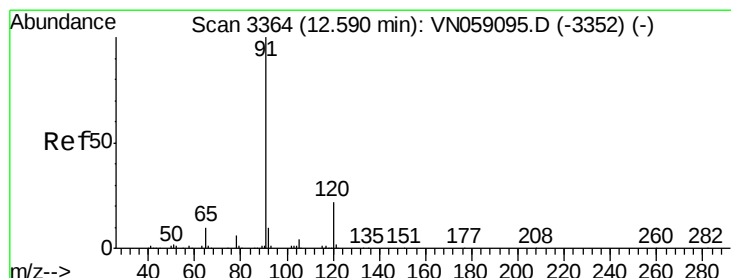
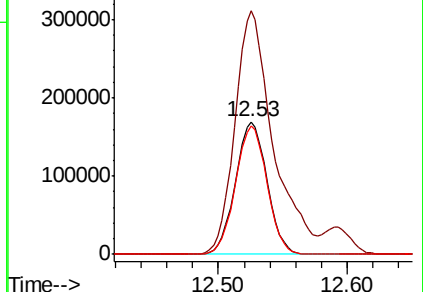
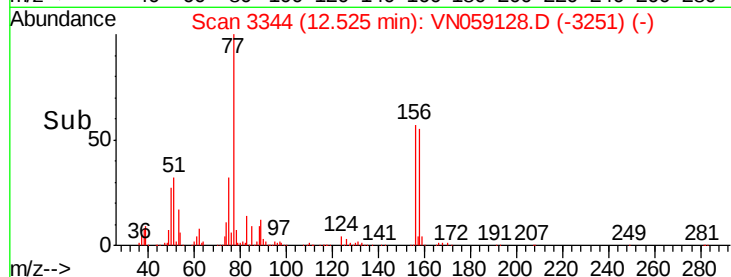
158 97.0 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.545 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059128.D

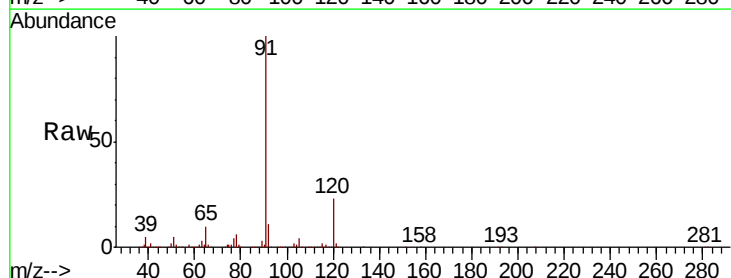
Acq: 7 Nov 2019 17:44

Tgt Ion: 91 Resp: 1379048

Ion Ratio Lower Upper

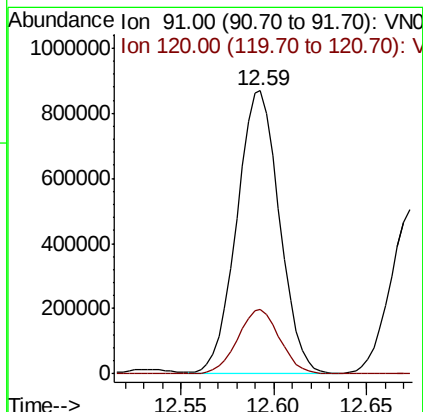
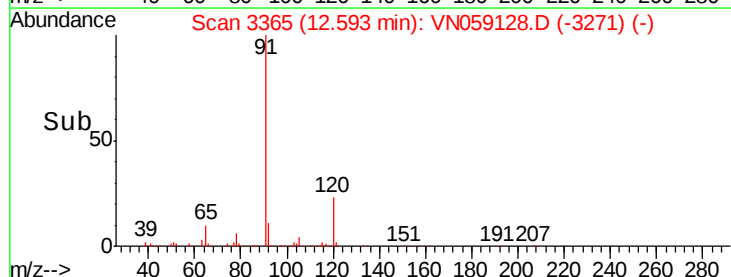
91 100

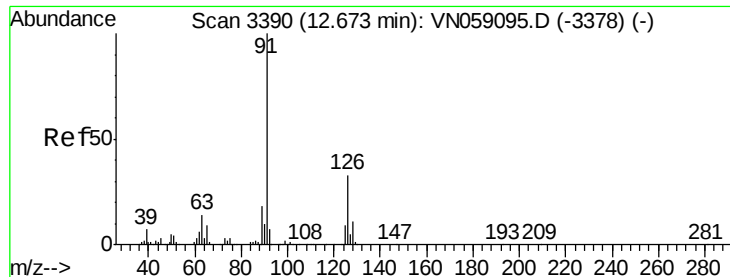
120 22.6 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V

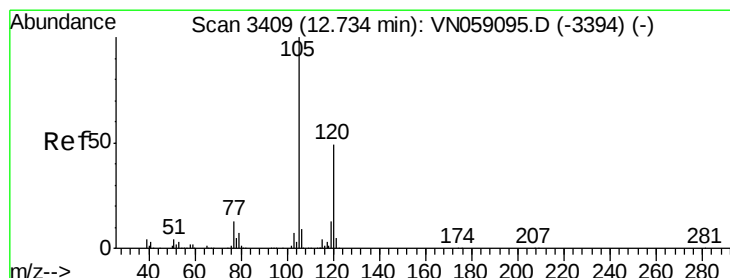
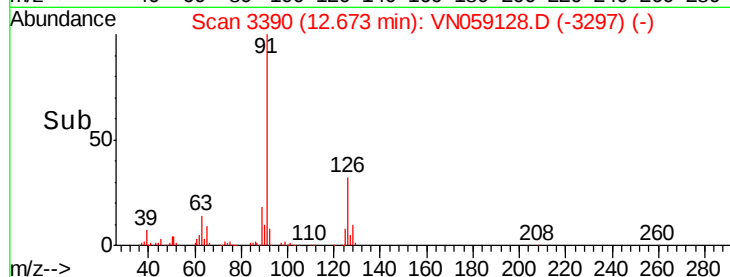
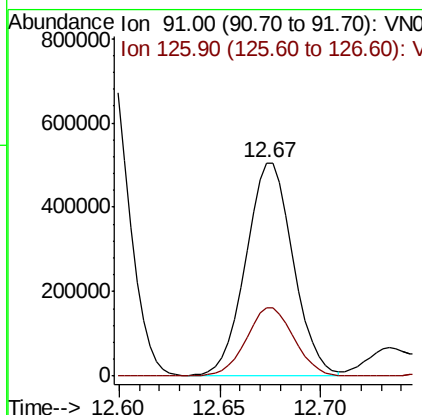
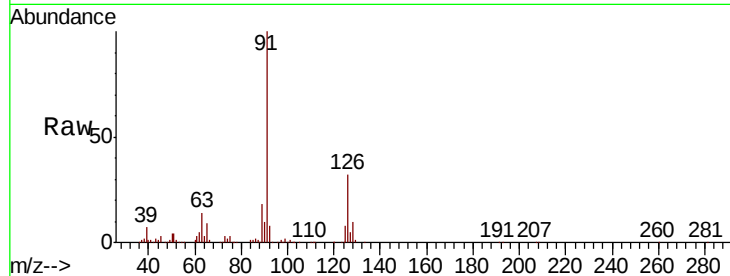




#79
 2-Chlorotoluene
 Concen: 46.779 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN059128.D
 Acq: 7 Nov 2019 17:44

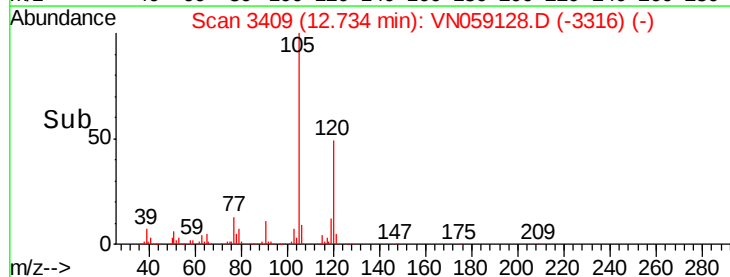
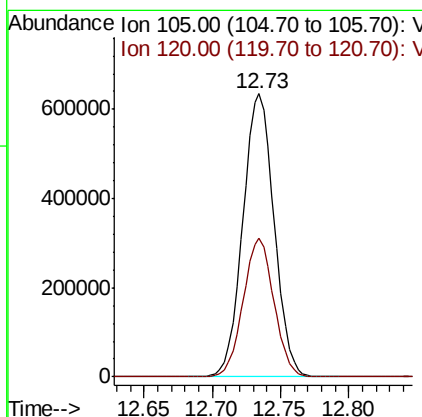
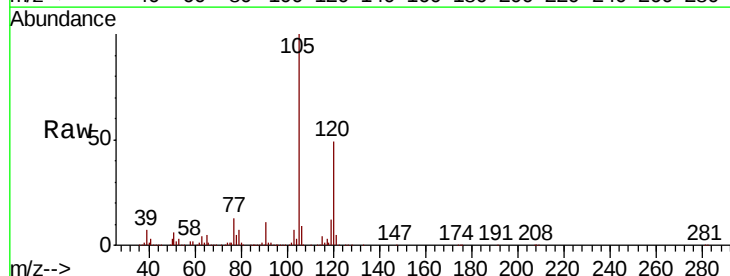
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 824372
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.7 50.1



#80
 1,3,5-Trimethylbenzene
 Concen: 47.754 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. -0.00 min
 Lab File: VN059128.D
 Acq: 7 Nov 2019 17:44

Tgt Ion: 105 Resp: 1003937
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.0 72.0

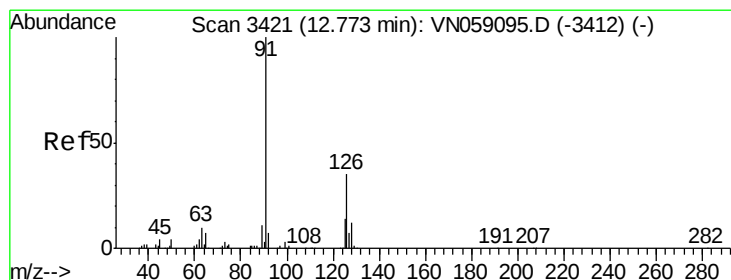
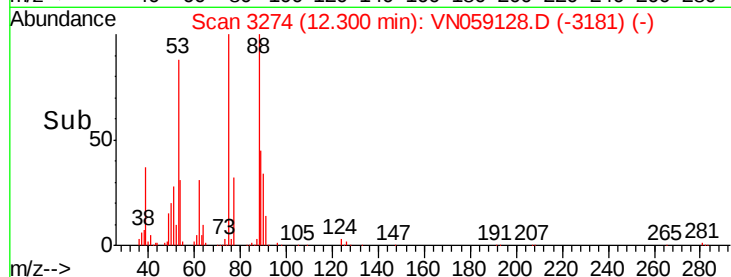
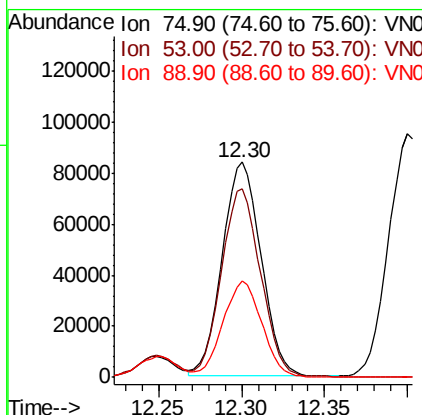
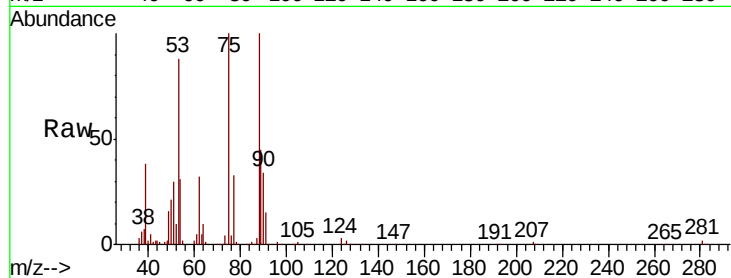




#81
trans-1,4-Dichloro-2-butene
Concen: 46.626 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN059128.D
Acq: 7 Nov 2019 17:44

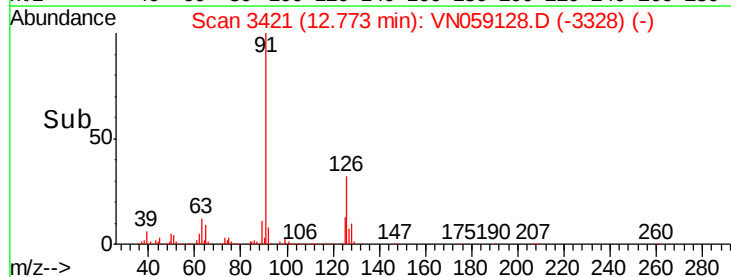
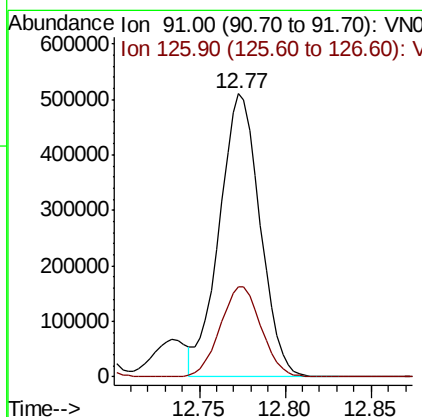
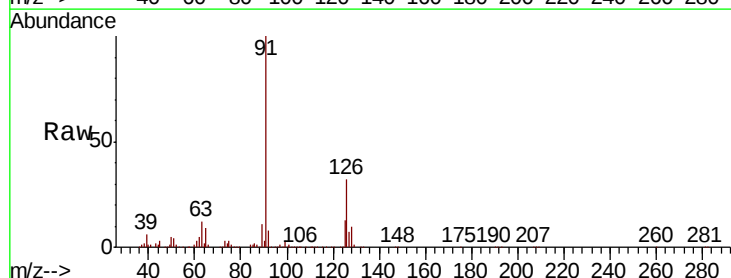
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 137079
Ion Ratio Lower Upper
75 100
53 89.3 72.2 108.2
89 45.0 35.8 53.8



#82
4-Chlorotoluene
Concen: 47.627 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059128.D
Acq: 7 Nov 2019 17:44

Tgt Ion: 91 Resp: 841824
Ion Ratio Lower Upper
91 100
126 32.0 16.1 48.2

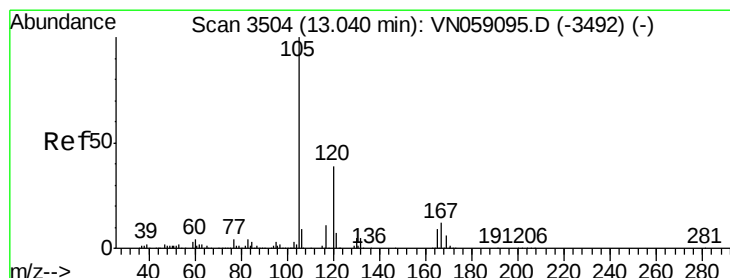
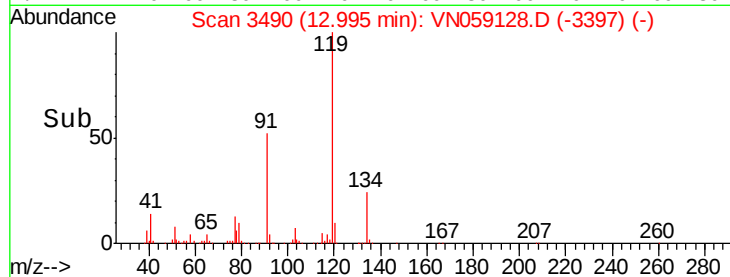
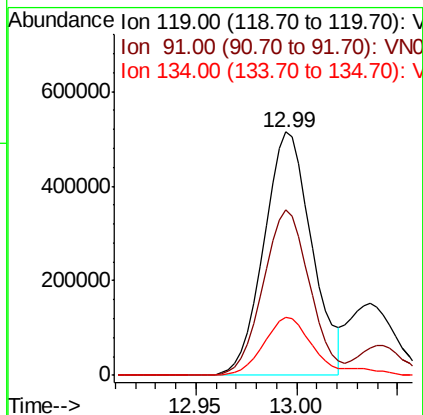
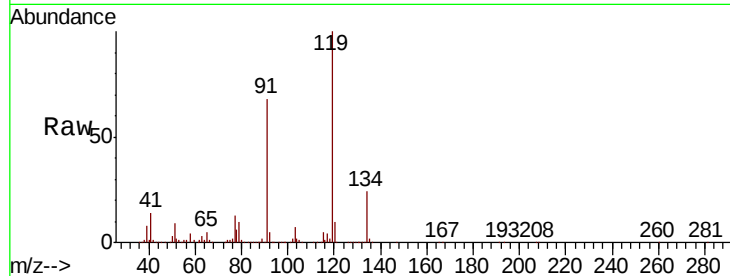




#83
 tert-Butylbenzene
 Concen: 46.761 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN059128.D
 Acq: 7 Nov 2019 17:44

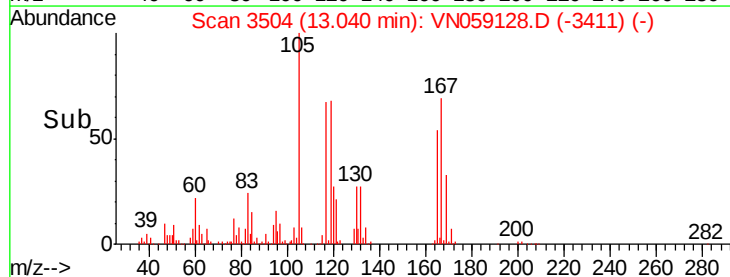
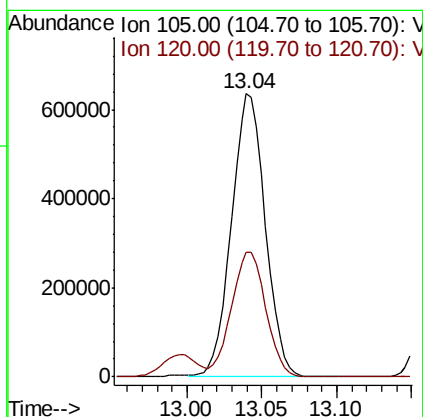
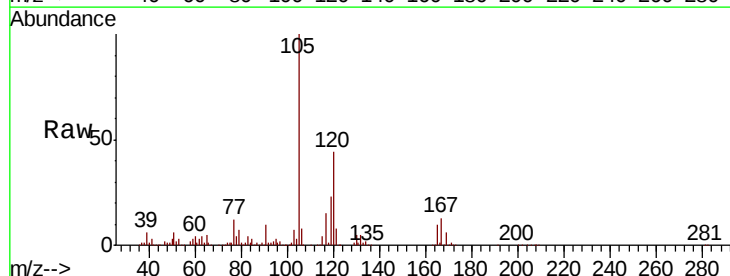
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.2	33.2	99.6
134	25.7	12.7	38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 48.866 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN059128.D
 Acq: 7 Nov 2019 17:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.8	68.4





#85

sec-Butylbenzene

Concen: 48.173 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

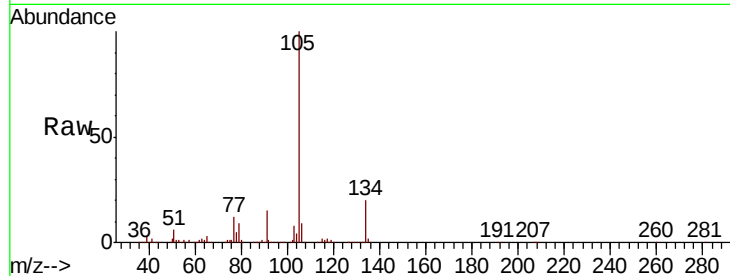
VSTDCCC050EC

Tot Ion:105 Resp: 1137433

Ion Ratio Lower Upper

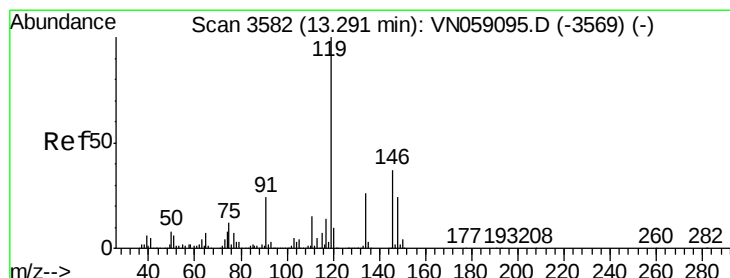
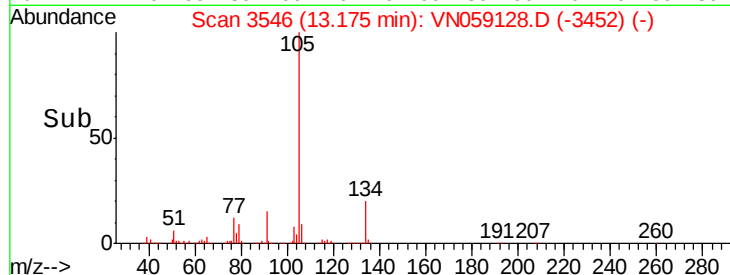
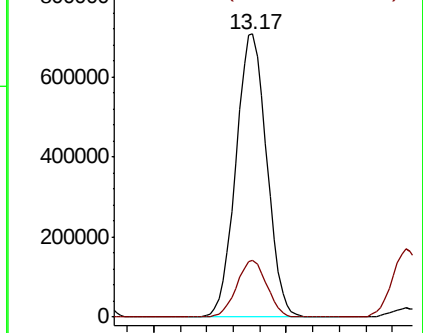
105 100

134 19.6 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.626 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

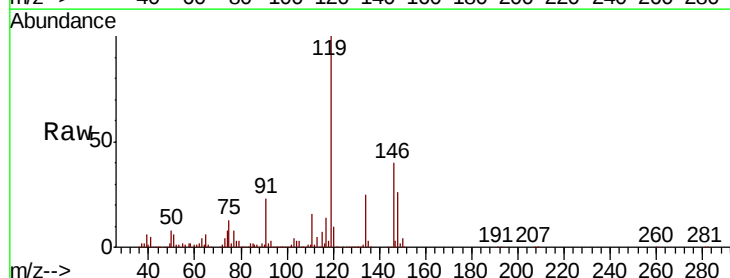
Tgt Ion:119 Resp: 1034613

Ion Ratio Lower Upper

119 100

134 25.7 13.0 38.9

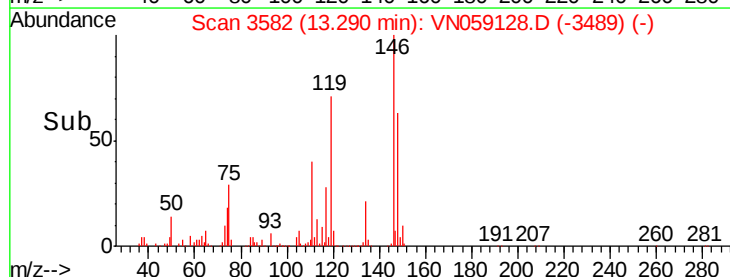
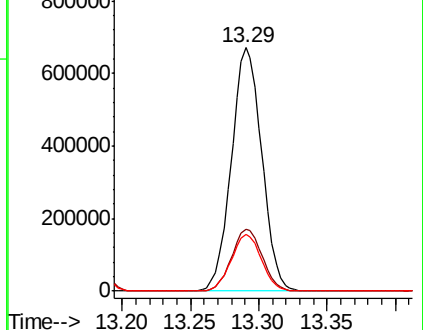
91 23.1 11.7 35.1



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: 47.716 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

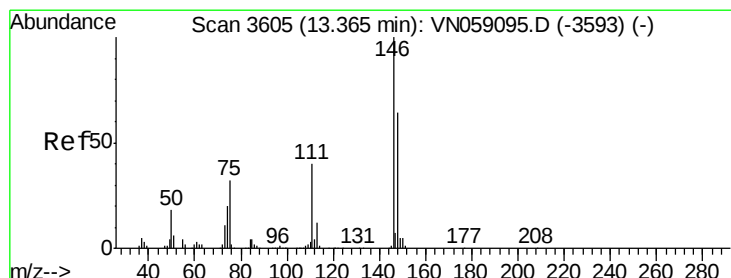
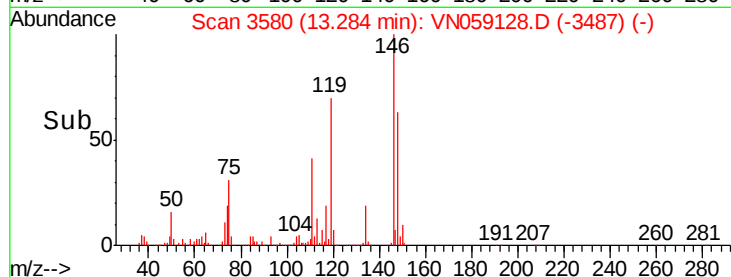
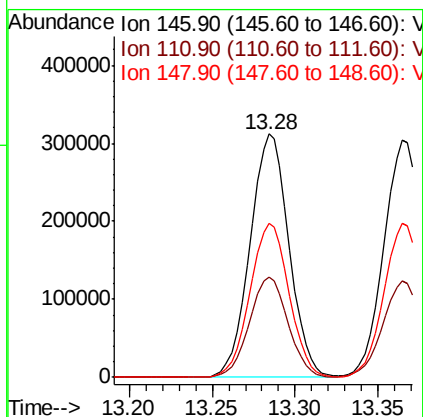
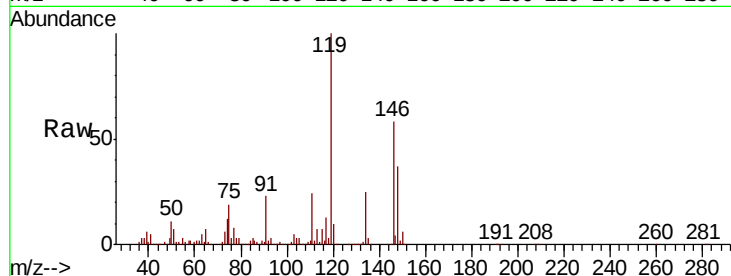
Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	509329
Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.4	61.3
148	63.7	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 46.805 ug/l

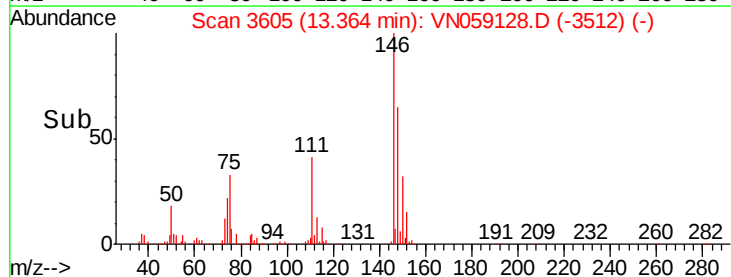
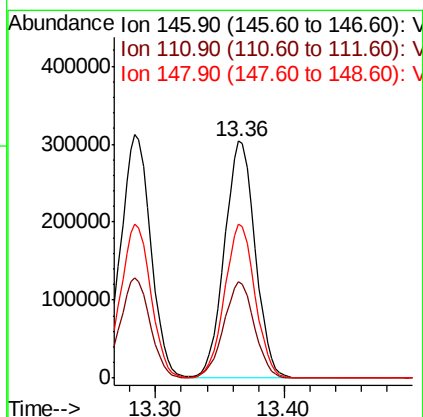
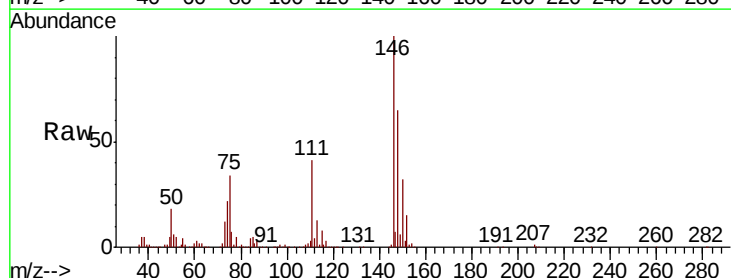
RT: 13.36 min Scan# 3605

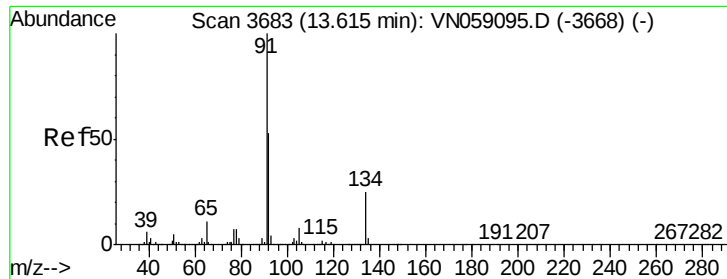
Delta R.T. -0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

Tgt Ion:	146	Resp:	499868
Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	60.9
148	64.6	31.9	95.7





#89

n-Butylbenzene

Concen: 49.236 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

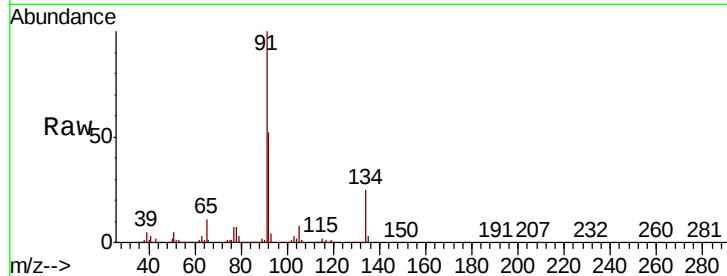
Tot Ion: 91 Resp: 898418

Ion Ratio Lower Upper

91 100

92 52.0 26.1 78.3

134 25.1 12.6 37.8

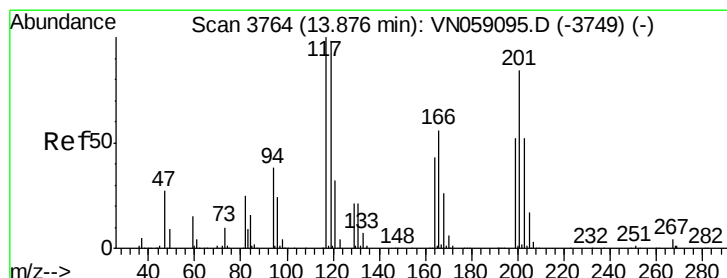
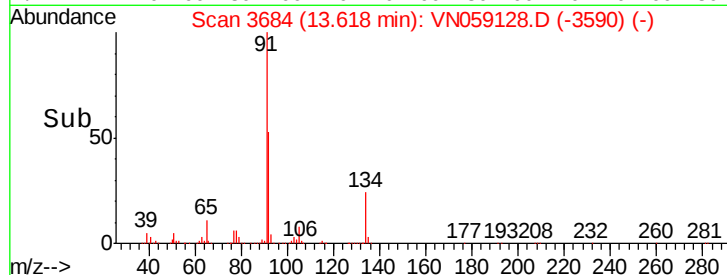


Abundance Ion 91.00 (90.70 to 91.70): VN059128.D (-3683) (-)

Ion 92.00 (91.70 to 92.70): VN059128.D (-3683) (-)

Ion 134.00 (133.70 to 134.70): VN059128.D (-3683) (-)

Time--> 13.50 13.62 13.70



#90

Hexachloroethane

Concen: 45.326 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN059128.D

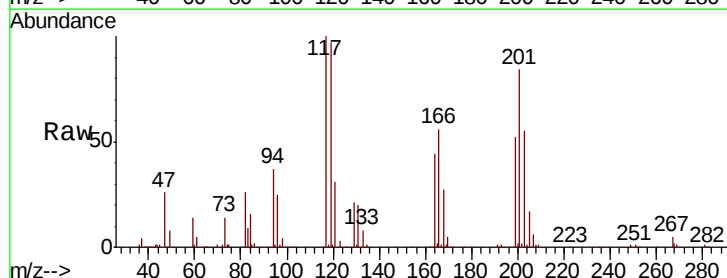
Acq: 7 Nov 2019 17:44

Tgt Ion: 117 Resp: 189753

Ion Ratio Lower Upper

117 100

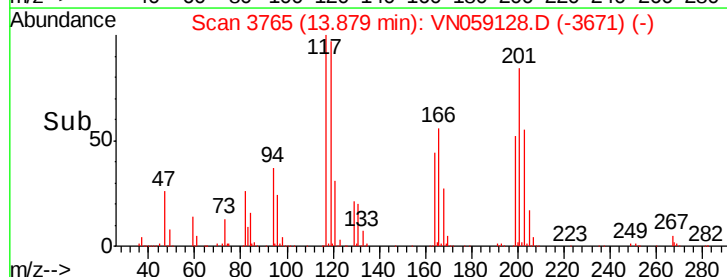
201 81.8 41.8 125.3

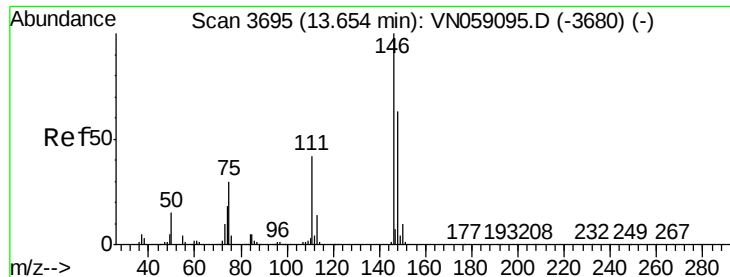


Abundance Ion 116.80 (116.50 to 117.50): VN059128.D (-3764) (-)

Ion 200.70 (200.40 to 201.40): VN059128.D (-3764) (-)

Time--> 13.80 13.88 13.95

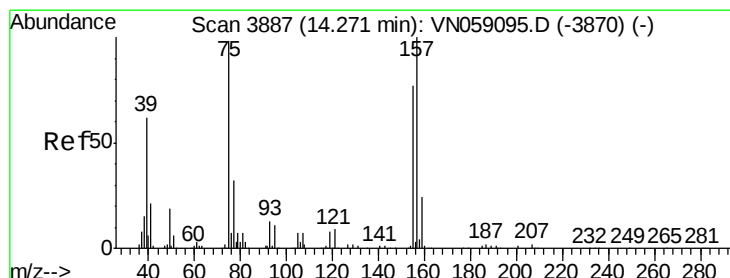
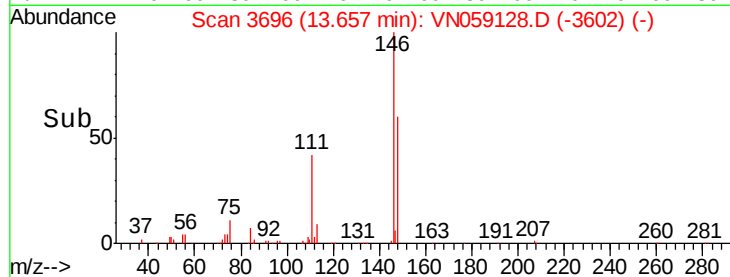
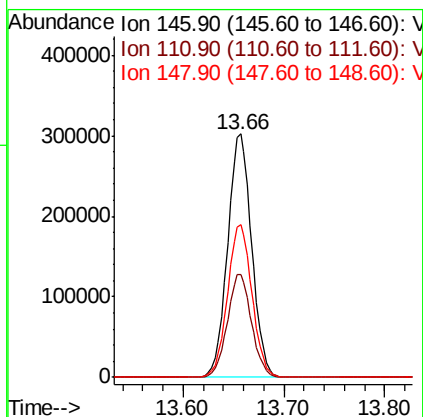
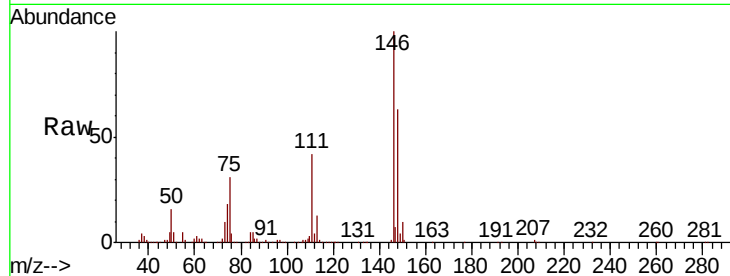




#91
 1,2-Dichlorobenzene
 Concen: 47.897 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN059128.D
 Acq: 7 Nov 2019 17:44

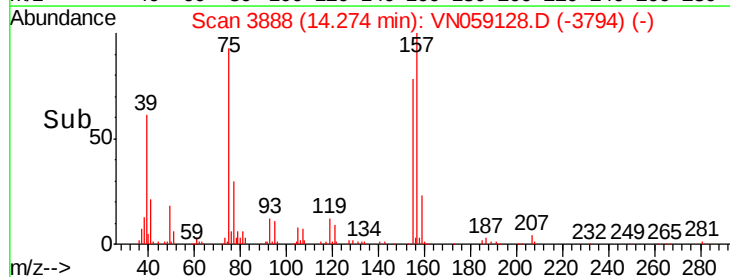
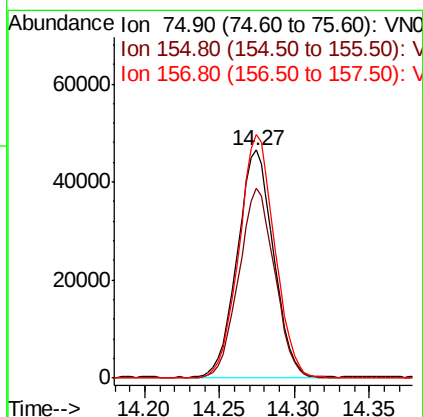
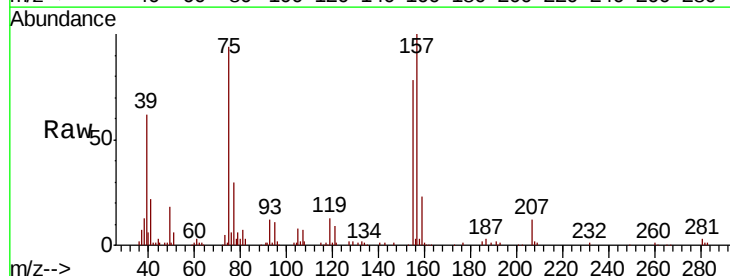
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.2	63.6
148	63.8	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.001 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN059128.D
 Acq: 7 Nov 2019 17:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.3	40.2	120.6
157	106.7	51.8	155.5

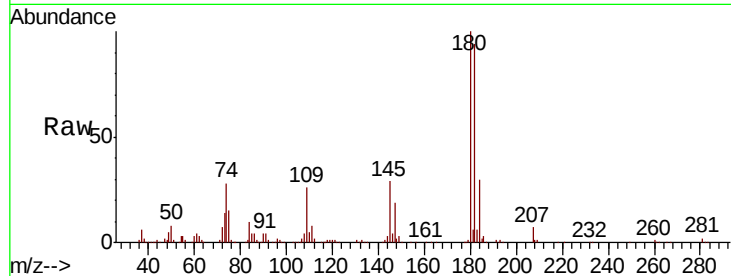




#93
 1,2,4-Trichlorobenzene
 Concen: 46.165 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059128.D
 Acq: 7 Nov 2019 17:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.1	144.3
145	29.3	15.1	45.3

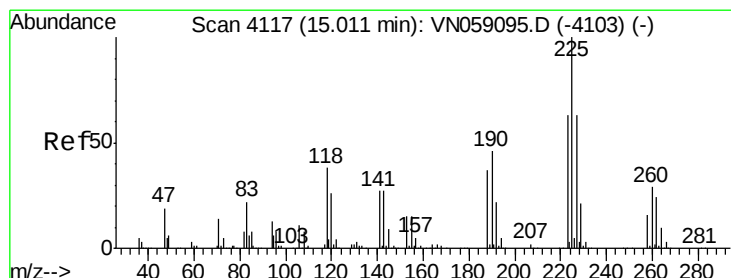
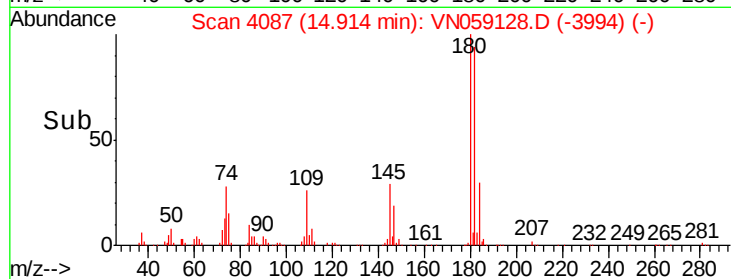
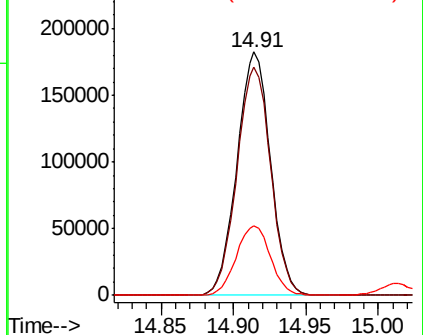


Abundance

Ion 179.80 (179.50 to 180.50): V

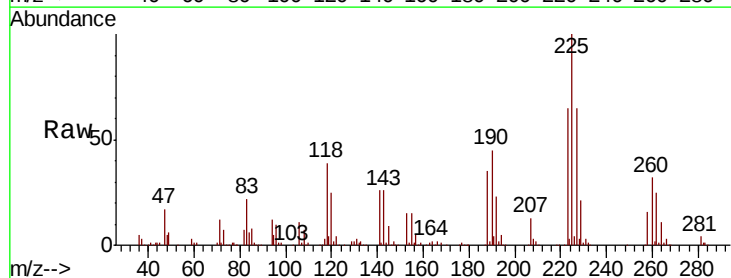
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 43.673 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN059128.D
 Acq: 7 Nov 2019 17:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.3	93.9
227	65.1	31.5	94.5

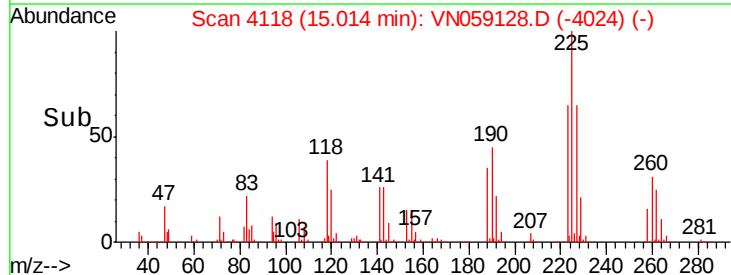
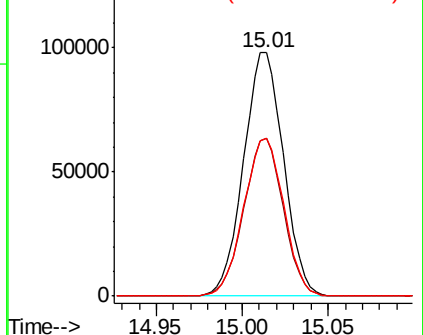


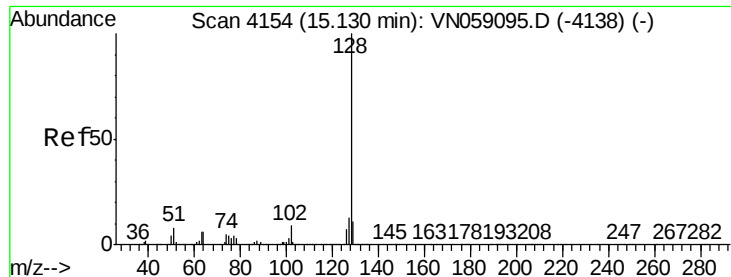
Abundance

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: 46.952 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

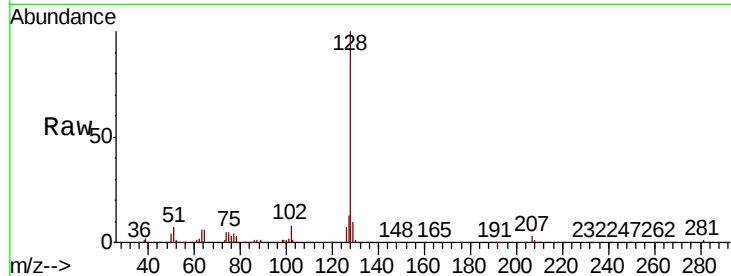
Tot Ion:128 Resp: 826377

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

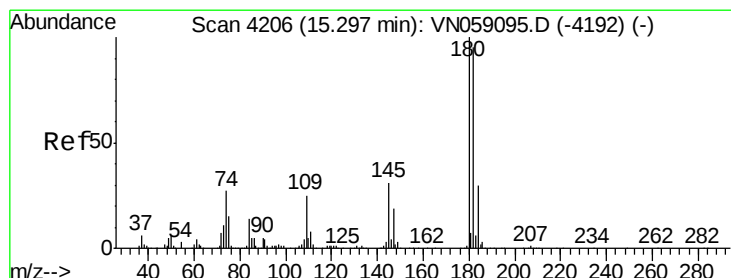
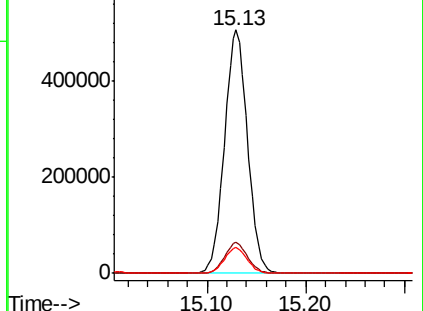
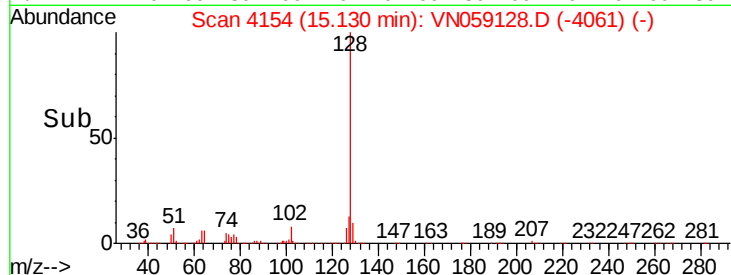
129 10.6 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.050 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. -0.00 min

Lab File: VN059128.D

Acq: 7 Nov 2019 17:44

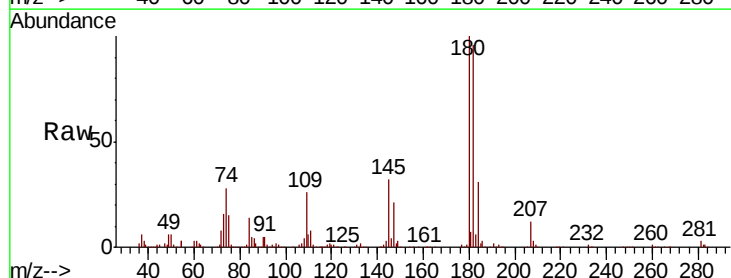
Tgt Ion:180 Resp: 288639

Ion Ratio Lower Upper

180 100

182 95.8 47.3 141.8

145 31.9 15.8 47.3



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

