

Data File : VN059325.D
Acq On : 20 Nov 2019 13:57
Operator : JC/SP
Sample : VSTDIC001
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Quant Time: Nov 20 15:12:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 20 15:04:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	379564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	610961	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	515848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	196576	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	6018	1.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.58%	
35) Dibromofluoromethane	7.57	113	4070	1.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.24%	
50) Toluene-d8	10.08	98	17023	1.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.36%	
62) 4-Bromofluorobenzene	12.40	95	6574	1.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	4650	1.216	ug/l	90
3) Chloromethane	2.04	50	6545	1.259	ug/l	96
4) Vinyl Chloride	2.17	62	5911	1.173	ug/l	89
5) Bromomethane	2.55	94	5012	1.728	ug/l	100
6) Chloroethane	2.69	64	3888	1.304	ug/l	100
7) Trichlorofluoromethane	3.00	101	7190	1.193	ug/l	97
8) Diethyl Ether	3.39	74	2762	1.128	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	4262	1.173	ug/l	99
10) Methyl Iodide	3.93	142	3831	0.852	ug/l #	84
11) Tert butyl alcohol	4.75	59	2063	2.320	ug/l #	72
12) 1,1-Dichloroethene	3.72	96	4391	1.240	ug/l	96
13) Acrolein	3.59	56	4554	9.933	ug/l	92
14) Allyl chloride	4.29	41	7851	1.079	ug/l	94
15) Acrylonitrile	4.97	53	11817	5.340	ug/l	98
16) Acetone	3.80	43	10859	4.476	ug/l	99
17) Carbon Disulfide	4.03	76	19189	1.746	ug/l	99
18) Methyl Acetate	4.30	43	7039	1.222	ug/l #	76
19) Methyl tert-butyl Ether	5.02	73	12727	1.044	ug/l	97
20) Methylene Chloride	4.53	84	5202	1.231	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	4501	1.184	ug/l	94
22) Diisopropyl ether	5.92	45	13828	1.007	ug/l #	62
23) Vinyl Acetate	5.87	43	54762	5.143	ug/l	100
24) 1,1-Dichloroethane	5.82	63	7852	1.023	ug/l #	92
25) 2-Butanone	6.82	43	14976	4.683	ug/l	98
26) 2,2-Dichloropropane	6.80	77	7501	1.118	ug/l	82
27) cis-1,2-Dichloroethene	6.81	96	5196	1.178	ug/l	95
28) Bromochloromethane	7.18	49	1131	0.490	ug/l #	51
29) Tetrahydrofuran	7.20	42	10690	5.261	ug/l	98
30) Chloroform	7.36	83	10928	1.485	ug/l	98
31) Cyclohexane	7.64	56	14376	1.979	ug/l #	15
32) 1,1,1-Trichloroethane	7.55	97	6755	1.092	ug/l #	51
36) 1,1-Dichloropropene	7.77	75	6594	1.155	ug/l	97
37) Ethyl Acetate	6.91	43	7112	1.119	ug/l #	87
38) Carbon Tetrachloride	7.75	117	6114	1.076	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	7303	1.102	ug/l	91
40) Benzene	8.02	78	18675	1.086	ug/l	95
41) Methacrylonitrile	7.15	41	2082	0.754	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	6189	1.049	ug/l	87
43) Isopropyl Acetate	8.15	43	9457	0.934	ug/l	95
44) Trichloroethene	8.82	130	4961	1.174	ug/l	93
45) 1,2-Dichloropropane	9.11	63	4951	1.060	ug/l	97
46) Dibromomethane	9.19	93	2901	0.997	ug/l	84
47) Bromodichloromethane	9.39	83	5791	0.996	ug/l	94
48) Methyl methacrylate	9.19	41	4644	1.025	ug/l	87
49) 1,4-Dioxane	9.19	88	769	9.552	ug/l #	54
51) 4-Methyl-2-Pentanone	9.98	43	27400	4.781	ug/l	99
52) Toluene	10.15	92	10714	1.039	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	6994	1.042	ug/l #	78
54) cis-1,3-Dichloropropene	9.83	75	7165	0.992	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	4094	0.981	ug/l #	85
56) Ethyl methacrylate	10.43	69	4922	0.795	ug/l #	84
57) 1,3-Dichloropropane	10.70	76	7344	1.023	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	7128	3.070	ug/l	99
59) 2-Hexanone	10.75	43	19083	4.338	ug/l	95
60) Dibromochloromethane	10.90	129	4084	0.926	ug/l	98
61) 1,2-Dibromoethane	11.00	107	4375	1.036	ug/l	96
64) Tetrachloroethene	10.63	164	4724	1.347	ug/l	92
65) Chlorobenzene	11.43	112	11677	1.161	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.51	131	3832	1.016	ug/l #	50
67) Ethyl Benzene	11.51	91	20384	1.143	ug/l	99
68) m/p-Xylenes	11.62	106	14548	2.177	ug/l	99
69) o-Xylene	11.95	106	6757	1.046	ug/l	99
70) Styrene	11.97	104	10061	0.990	ug/l	99
71) Bromoform	12.13	173	2712	0.924	ug/l #	94
73) Isopropylbenzene	12.25	105	18218	1.274	ug/l	97
74) N-amyl acetate	12.07	43	6633	1.095	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.50	83	6043	1.241	ug/l #	97
76) 1,2,3-Trichloropropane	12.56	75	8079	1.805	ug/l #	100
77) Bromobenzene	12.53	156	4508	1.255	ug/l	94
78) n-propylbenzene	12.59	91	19875	1.214	ug/l	96
79) 2-Chlorotoluene	12.68	91	13121	1.292	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	15232	1.257	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	1712	1.010	ug/l #	83
82) 4-Chlorotoluene	12.78	91	14987	1.471	ug/l	94
83) tert-Butylbenzene	12.99	119	12156	1.162	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	14301	1.220	ug/l	94
85) sec-Butylbenzene	13.17	105	16803	1.235	ug/l	98
86) p-Isopropyltoluene	13.29	119	14305	1.191	ug/l	95
87) 1,3-Dichlorobenzene	13.29	146	8474	1.377	ug/l	95
88) 1,4-Dichlorobenzene	13.29	146	8474	1.377	ug/l	95
89) n-Butylbenzene	13.62	91	12699	1.208	ug/l	98
90) Hexachloroethane	13.88	117	2985	1.237	ug/l	86
91) 1,2-Dichlorobenzene	13.66	146	7921	1.309	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.28	75	1343	1.222	ug/l	84

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112019\
Quantitation Report (Not Reviewed)

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Operator : JC/SP
Sample : VSTDICC001
Misc : 5.00mL/MSVOA_N/WATER
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Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

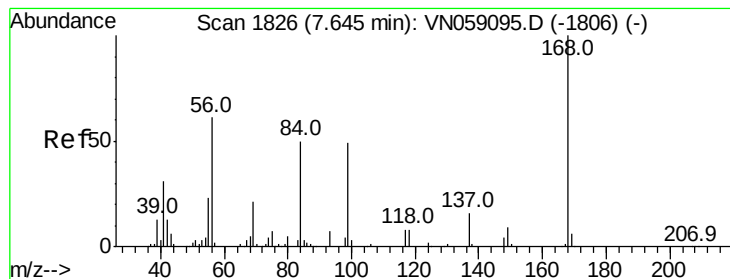
Quant Time: Nov 20 15:12:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 20 15:04:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	6422	1.981	ug/l	91
94) Hexachlorobutadiene	15.01	225	3061	1.467	ug/l	87
95) Naphthalene	15.13	128	21762	2.444	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	8139	2.400	ug/l	94

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

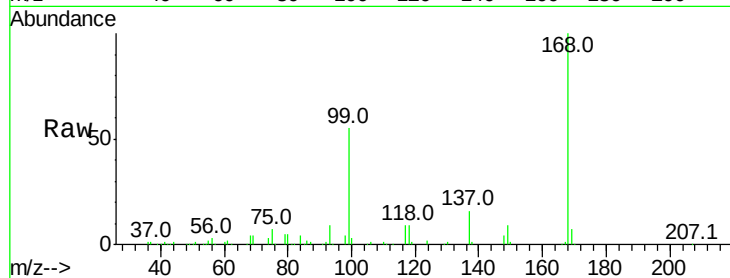
VSTDIC001

Tgt Ion:168 Resp: 379564

Ion Ratio Lower Upper

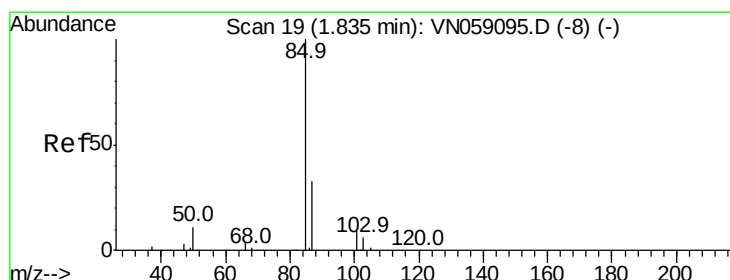
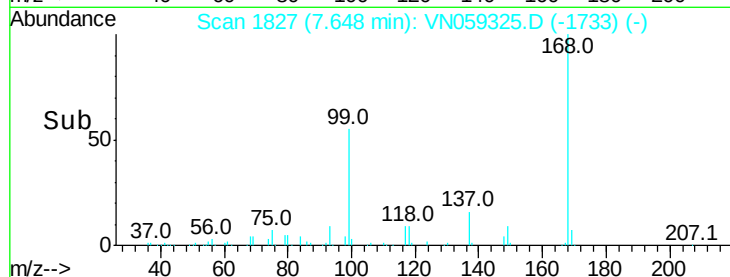
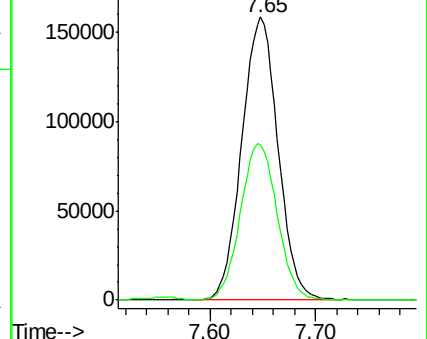
168 100

99 54.8 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 1.216 ug/l

RT: 1.84 min Scan# 20

Delta R.T. 0.00 min

Lab File: VN059325.D

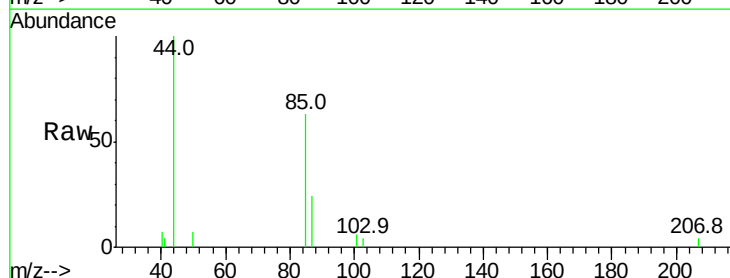
Acq: 20 Nov 2019 13:57

Tgt Ion: 85 Resp: 4650

Ion Ratio Lower Upper

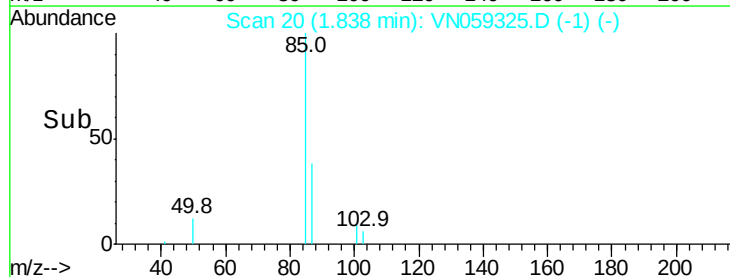
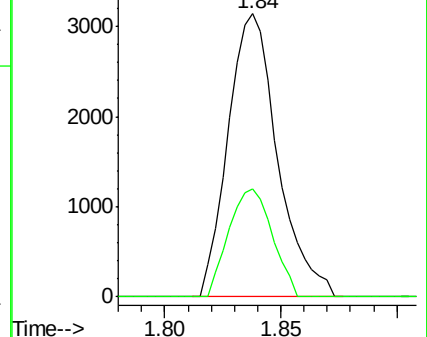
85 100

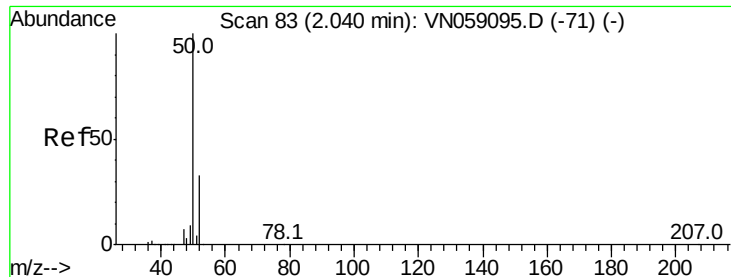
87 38.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 1.259 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

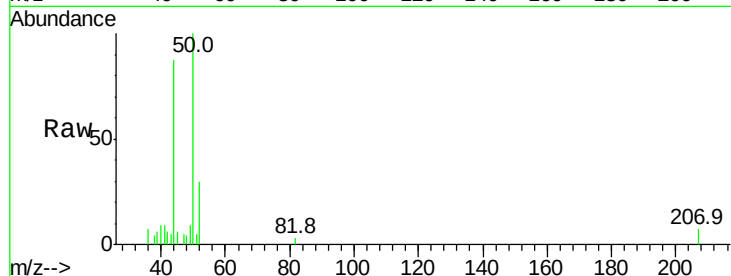
VSTDIC001

Tgt Ion: 50 Resp: 6545

Ion Ratio Lower Upper

50 100

52 30.4 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

5000

4000

3000

2000

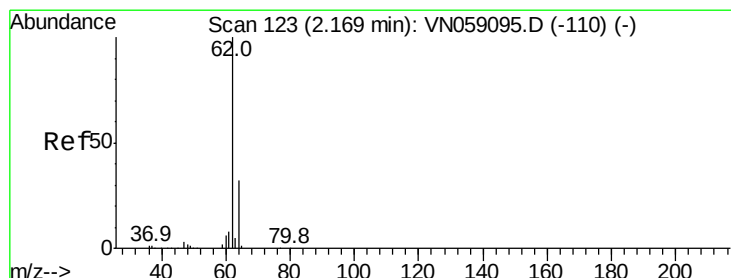
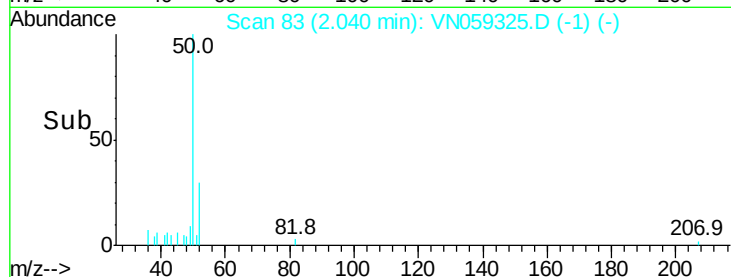
1000

0

Time-->

2.00

2.05



#4

Vinyl Chloride

Concen: 1.173 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059325.D

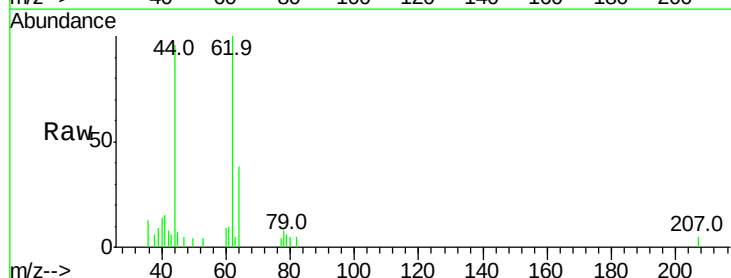
Acq: 20 Nov 2019 13:57

Tgt Ion: 62 Resp: 5911

Ion Ratio Lower Upper

62 100

64 37.9 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.17

4000

3000

2000

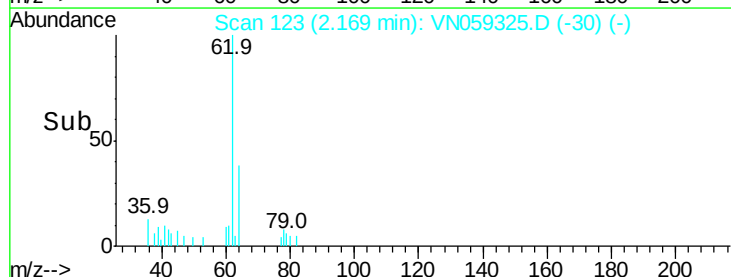
1000

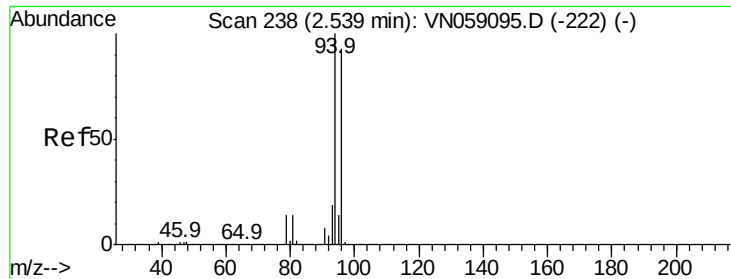
0

Time-->

2.15

2.20





#5

Bromomethane

Concen: 1.728 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

Instrument :

MSVOA_N

ClientSampled :

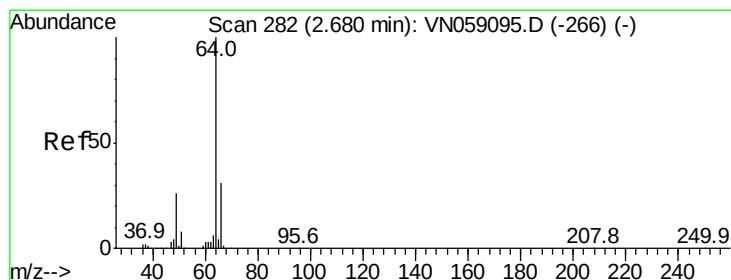
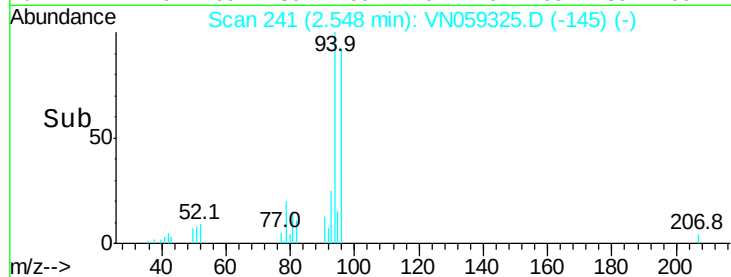
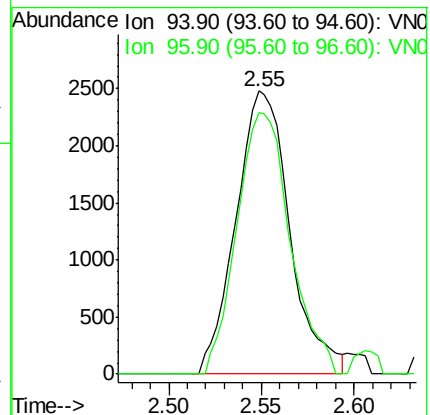
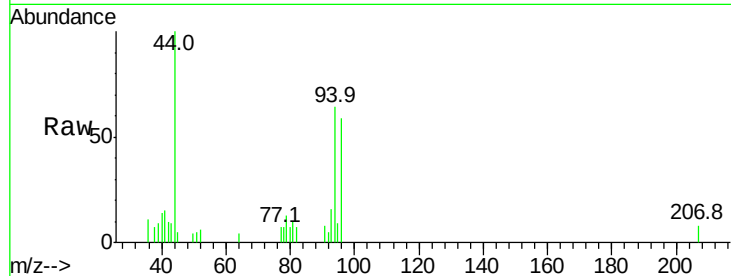
VSTDIC001

Tgt Ion: 94 Resp: 5012

Ion Ratio Lower Upper

94 100

96 92.3 74.2 111.2



#6

Chloroethane

Concen: 1.304 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.01 min

Lab File: VN059325.D

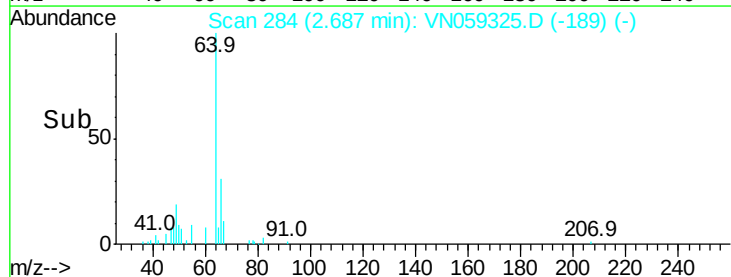
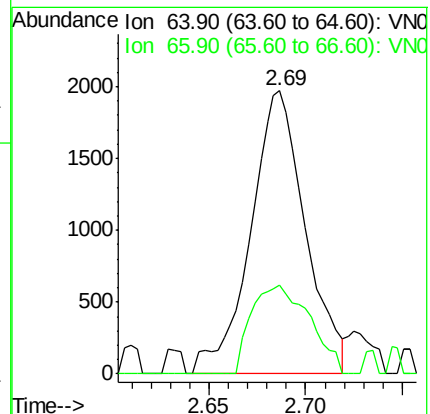
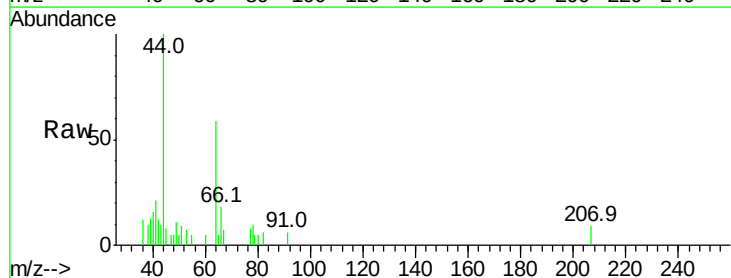
Acq: 20 Nov 2019 13:57

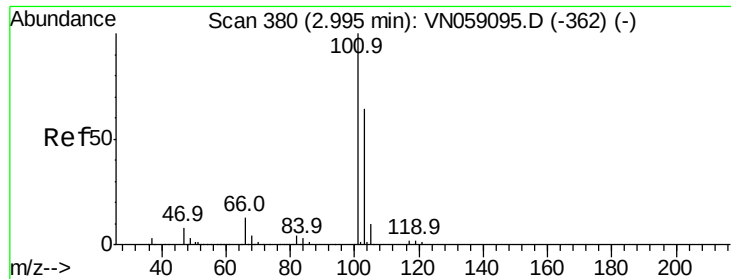
Tgt Ion: 64 Resp: 3888

Ion Ratio Lower Upper

64 100

66 31.4 25.2 37.8



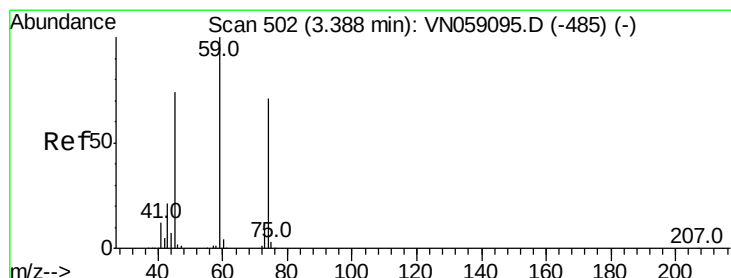
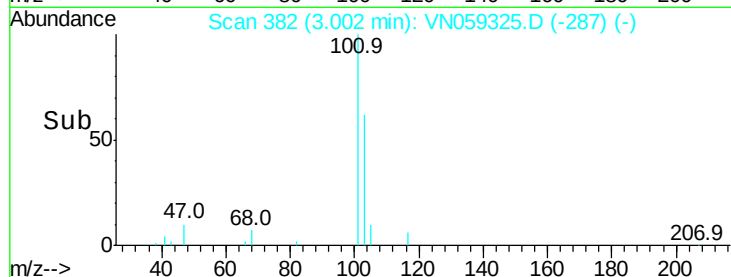
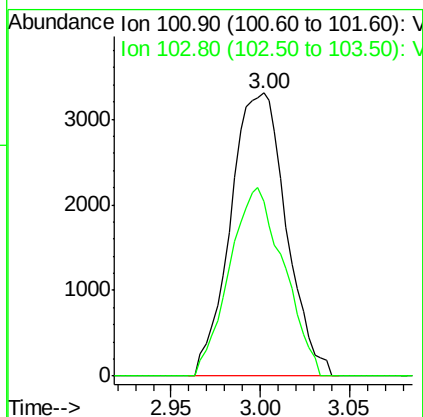
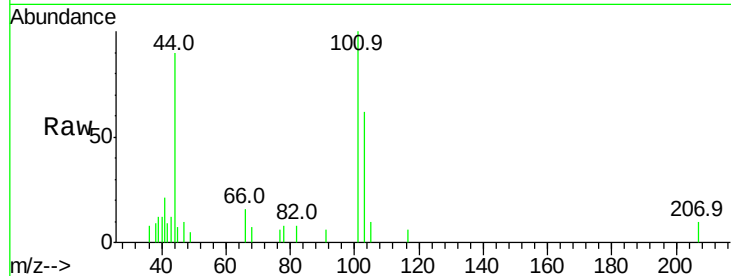


#7

Trichlorofluoromethane
 Concen: 1.193 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.01 min
 Lab File: VN059325.D
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 ClientSampleId :
 VSTDIC001

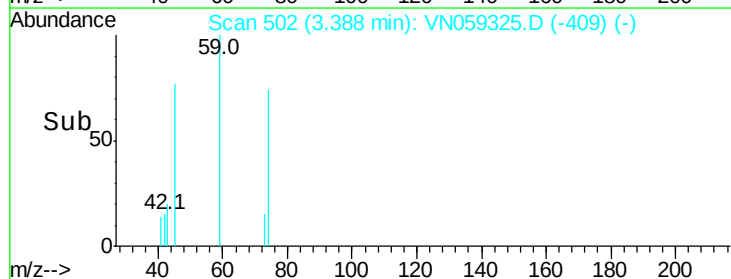
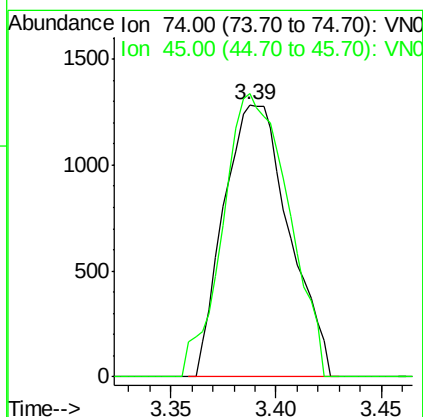
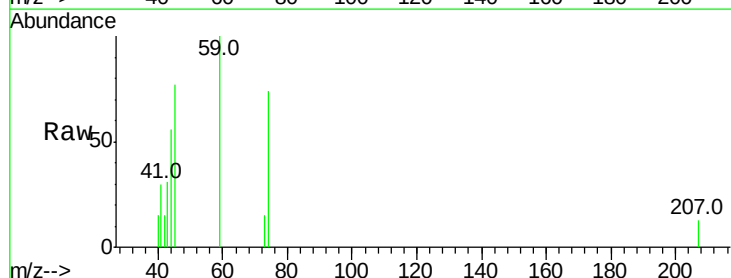
Tgt Ion:101 Resp: 7190
 Ion Ratio Lower Upper
 101 100
 103 61.8 51.2 76.8

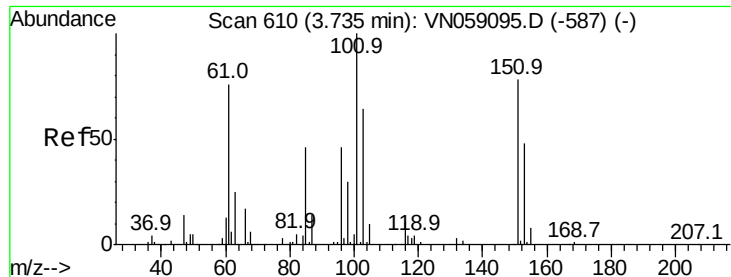


#8

Diethyl Ether
 Concen: 1.128 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN059325.D
 Acq: 20 Nov 2019 13:57

Tgt Ion: 74 Resp: 2762
 Ion Ratio Lower Upper
 74 100
 45 104.2 51.6 154.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.173 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.01 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

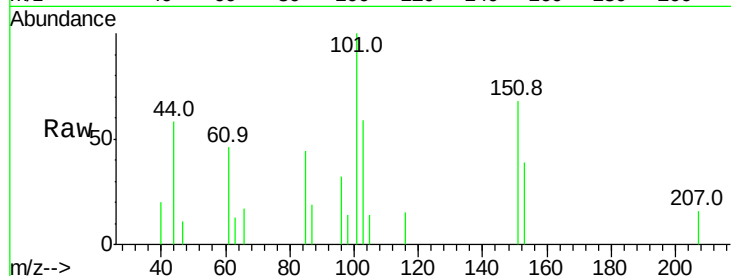
Tgt Ion:101 Resp: 4262

Ion Ratio Lower Upper

101 100

85 42.4 35.5 53.3

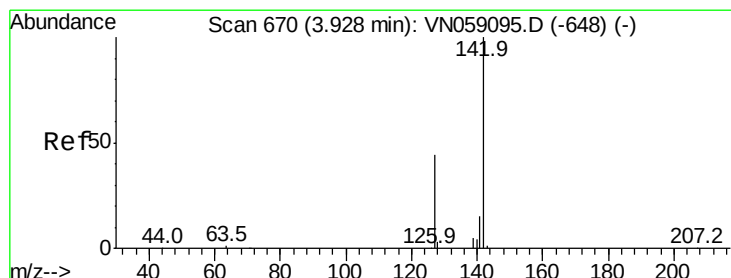
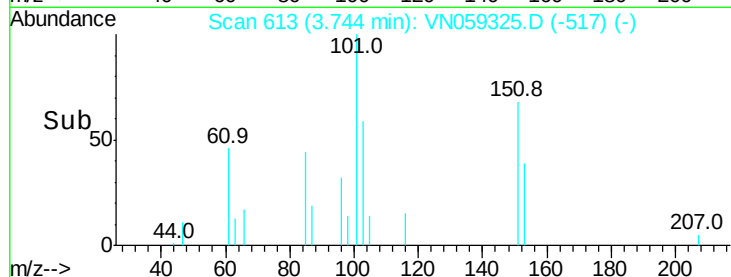
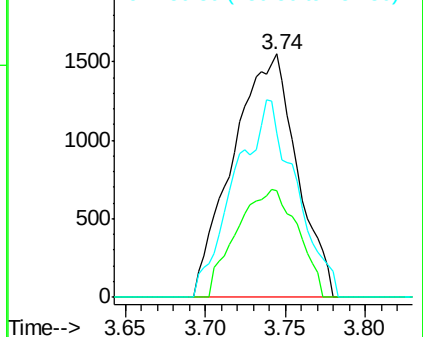
151 77.7 62.2 93.2



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: 0.852 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

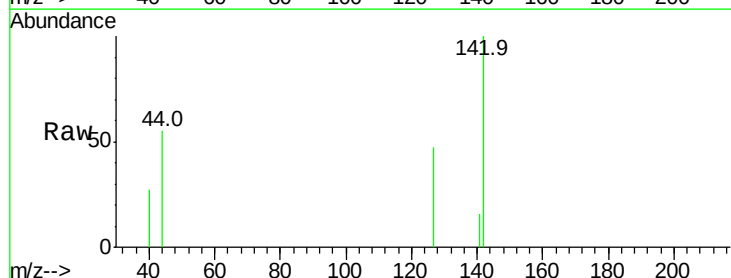
Tgt Ion:142 Resp: 3831

Ion Ratio Lower Upper

142 100

127 33.1 34.2 51.2#

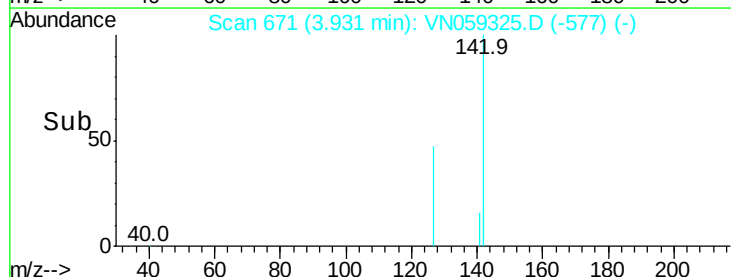
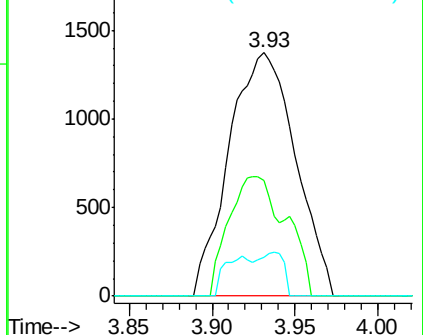
141 6.8 11.4 17.0#

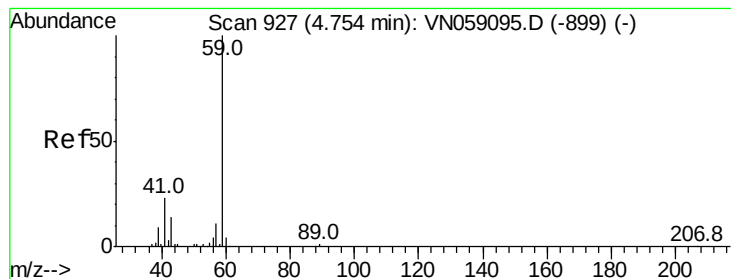


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



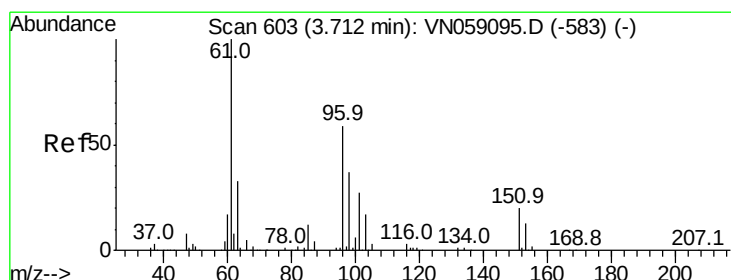
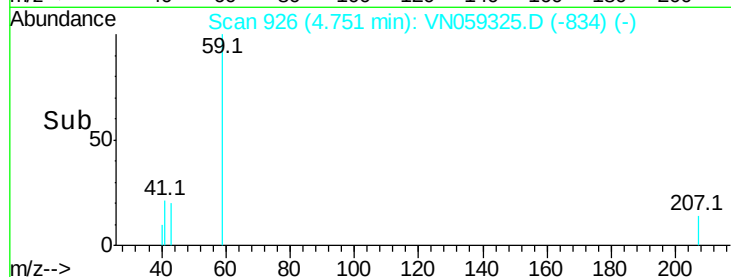
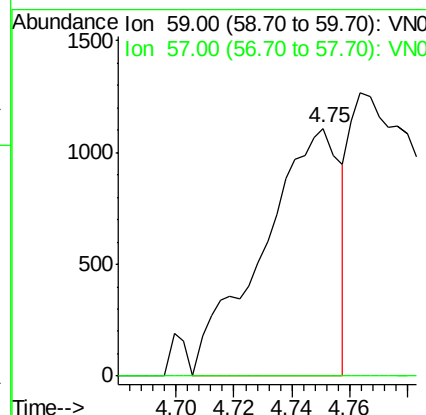
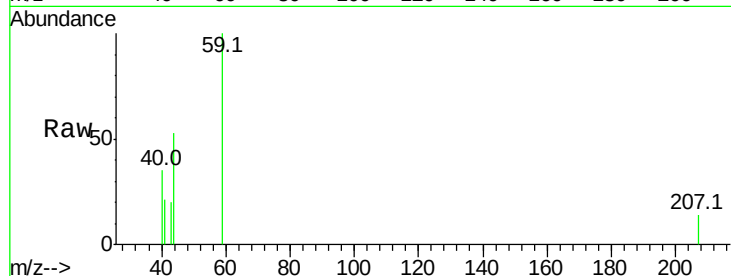


#11

Tert butyl alcohol
Concen: 2.320 ug/l
RT: 4.75 min Scan# 926
Delta R.T. -0.00 min
Lab File: VN059325.D
Acq: 20 Nov 2019 13:57

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

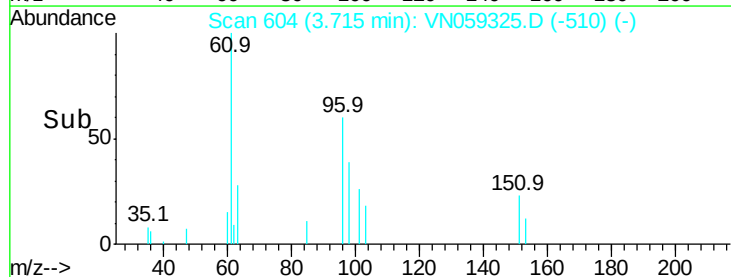
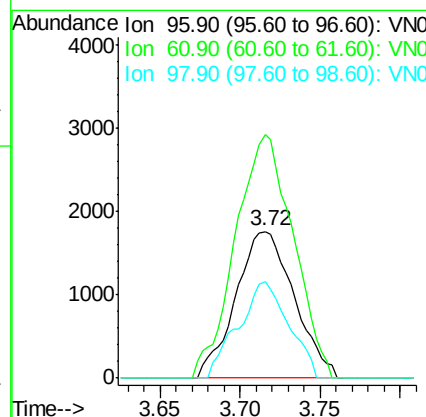
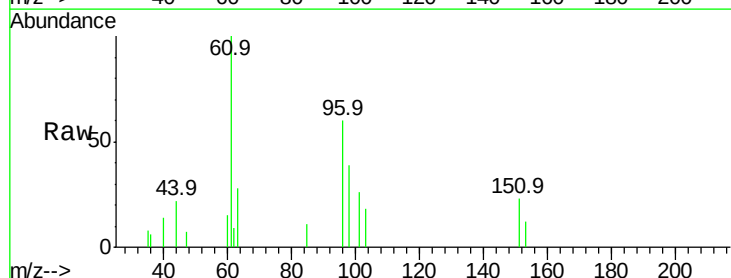
Tgt Ion: 59 Resp: 2063
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

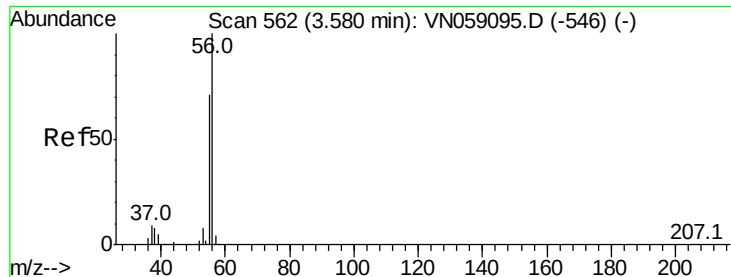


#12

1,1-Dichloroethene
Concen: 1.240 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059325.D
Acq: 20 Nov 2019 13:57

Tgt Ion: 96 Resp: 4391
Ion Ratio Lower Upper
96 100
61 165.7 136.5 204.7
98 65.4 50.2 75.4





#13

Acrolein

Concen: 9.933 ug/l

RT: 3.59 min Scan# 566

Delta R.T. 0.01 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

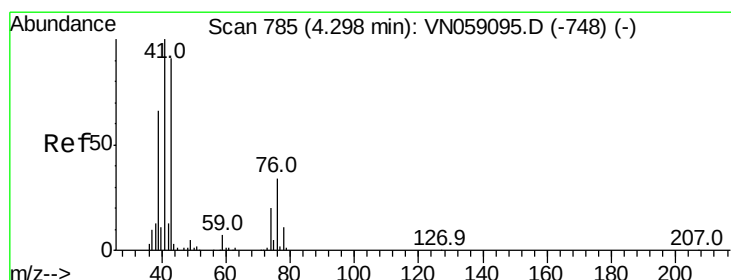
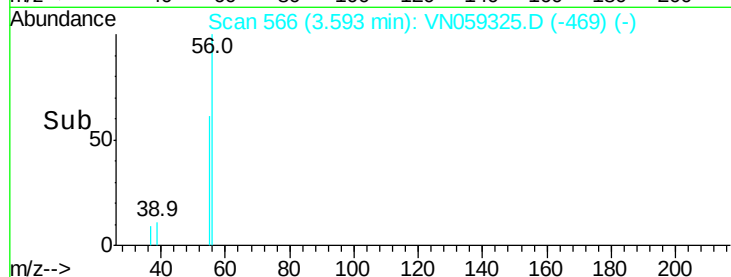
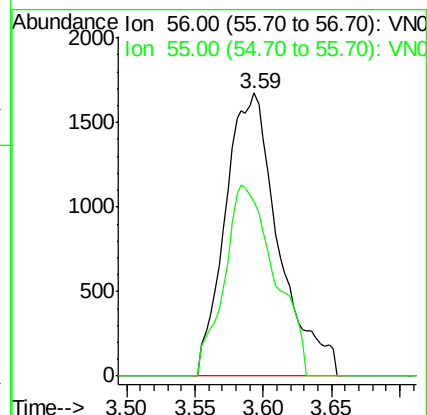
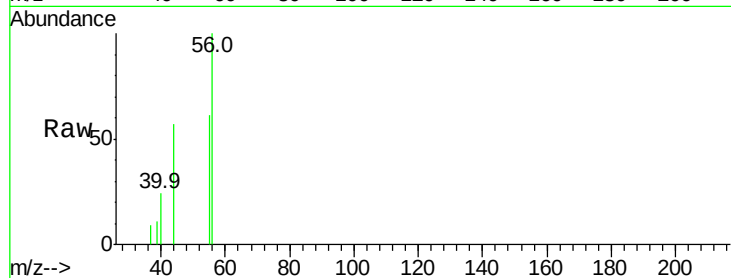
VSTDIC001

Tgt Ion: 56 Resp: 4554

Ion Ratio Lower Upper

56 100

55 63.8 56.4 84.6



#14

Allyl chloride

Concen: 1.079 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

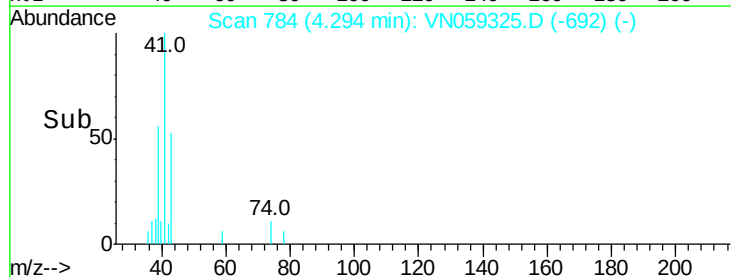
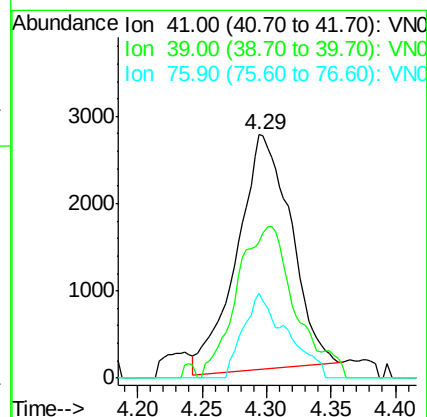
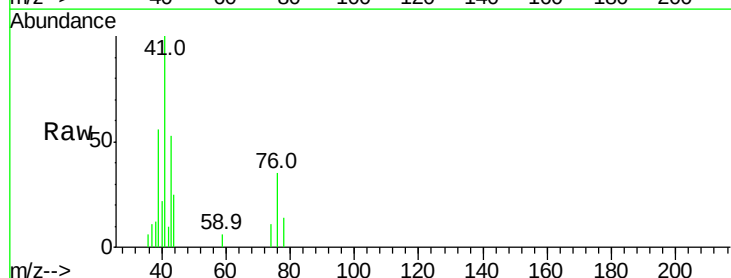
Tgt Ion: 41 Resp: 7851

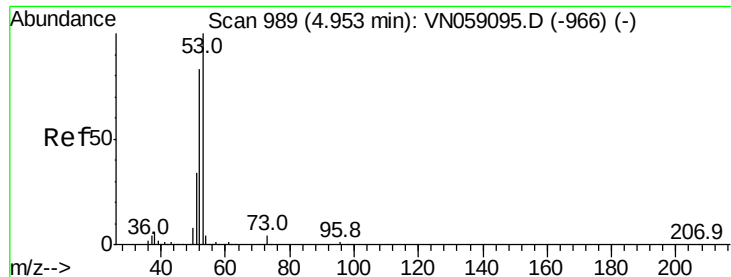
Ion Ratio Lower Upper

41 100

39 66.6 49.1 73.7

76 29.0 24.9 37.3





#15

Acrylonitrile

Concen: 5.340 ug/l

RT: 4.97 min Scan# 995

Delta R.T. 0.02 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

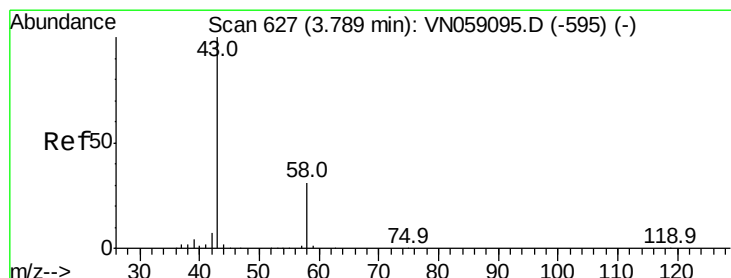
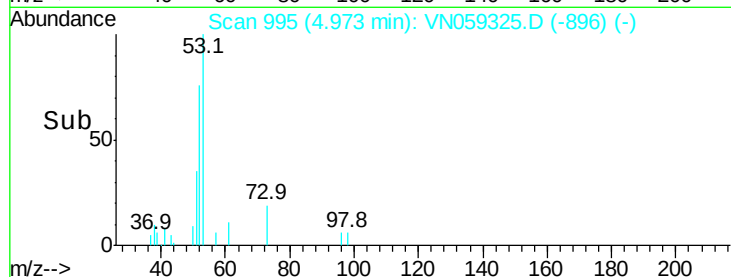
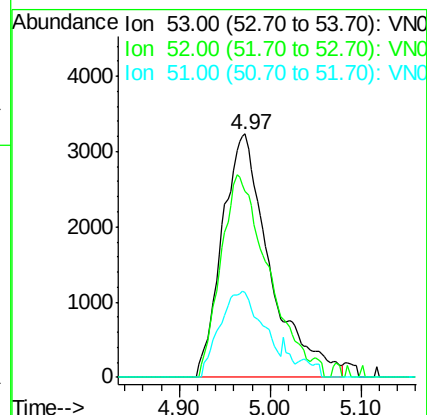
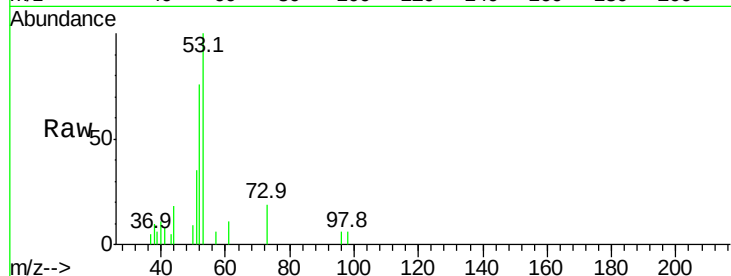
Tgt Ion: 53 Resp: 11817

Ion Ratio Lower Upper

53 100

52 81.8 65.0 97.6

51 31.8 28.0 42.0



#16

Acetone

Concen: 4.476 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN059325.D

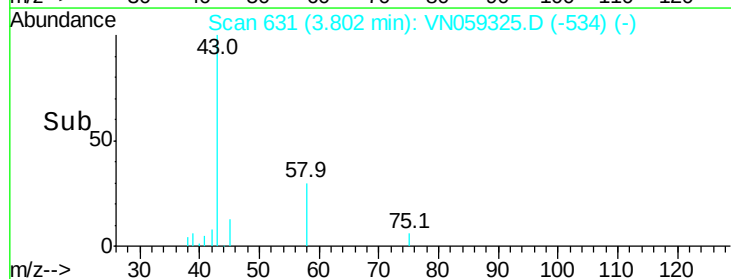
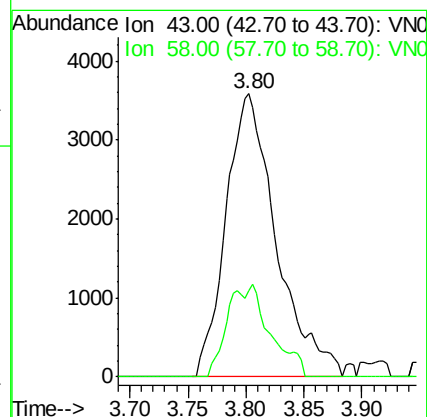
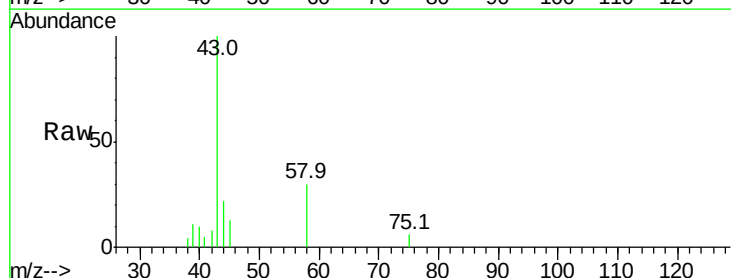
Acq: 20 Nov 2019 13:57

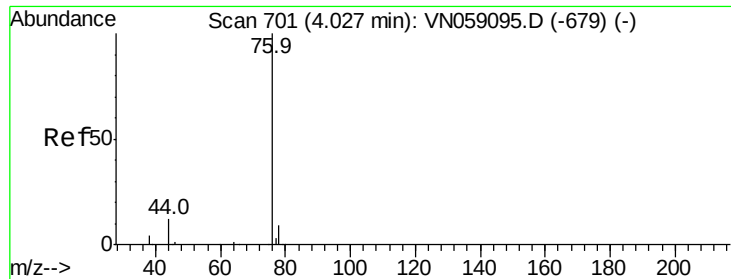
Tgt Ion: 43 Resp: 10859

Ion Ratio Lower Upper

43 100

58 30.4 24.9 37.3

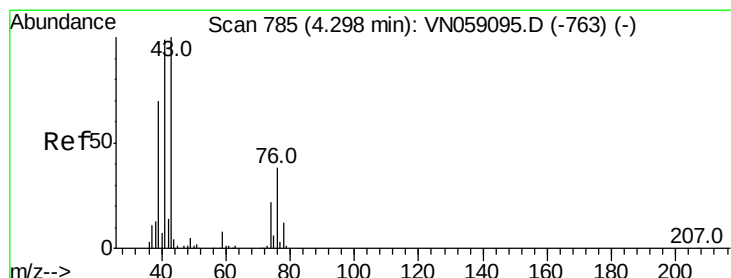
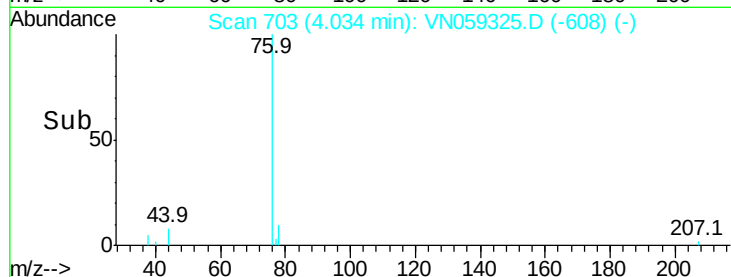
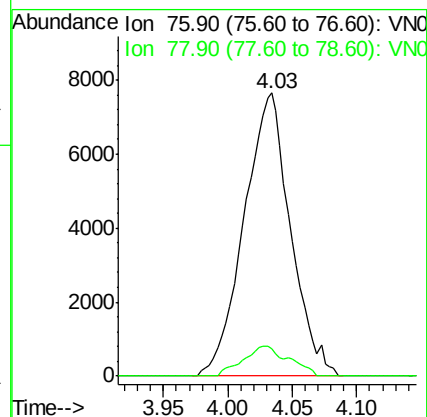
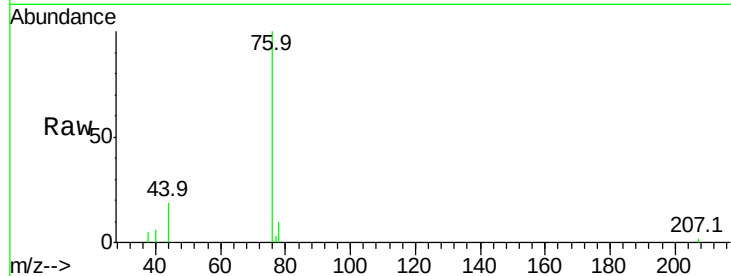




#17
Carbon Disulfide
Concen: 1.746 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.01 min
Lab File: VN059325.D
Acq: 20 Nov 2019 13:57

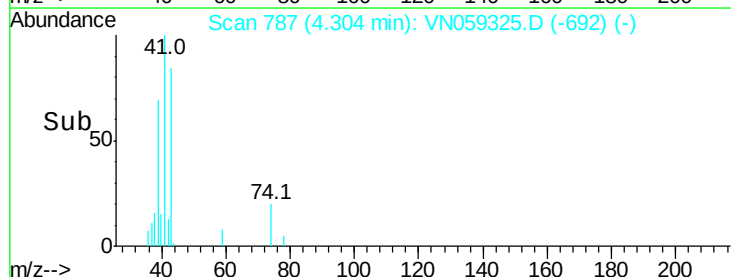
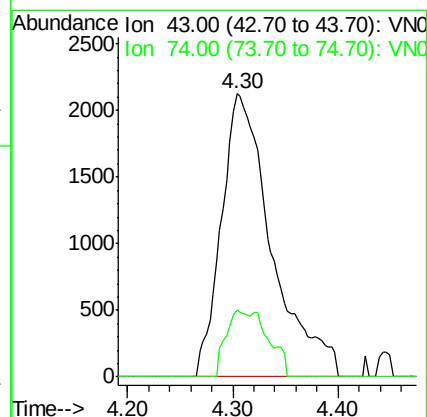
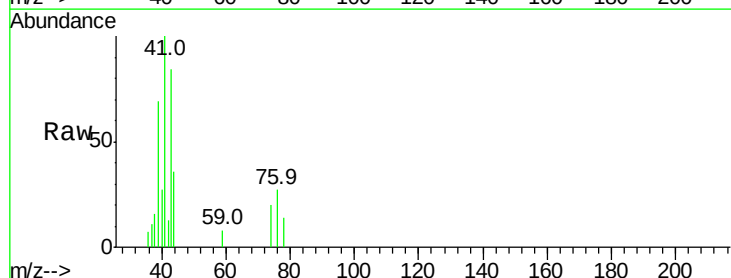
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

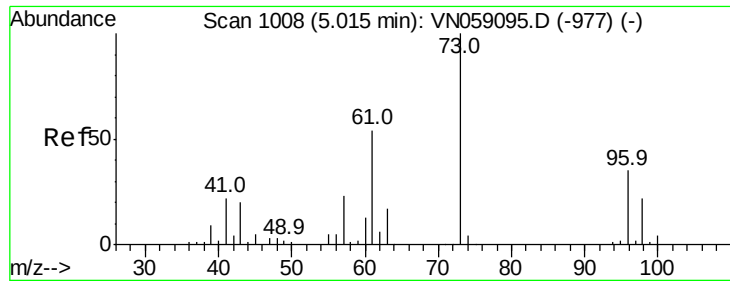
Tgt Ion: 76 Resp: 19189
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 1.222 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.01 min
Lab File: VN059325.D
Acq: 20 Nov 2019 13:57

Tgt Ion: 43 Resp: 7039
Ion Ratio Lower Upper
43 100
74 11.0 17.8 26.8#



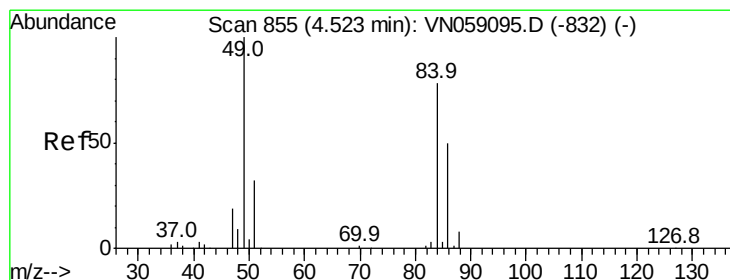
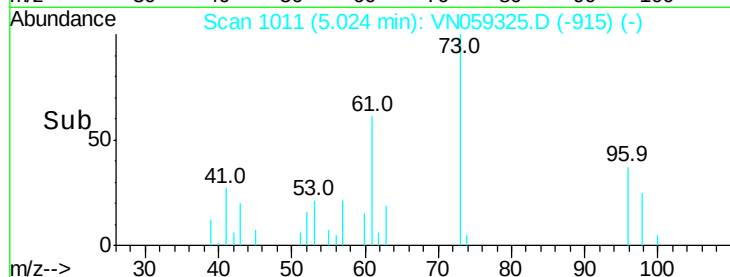
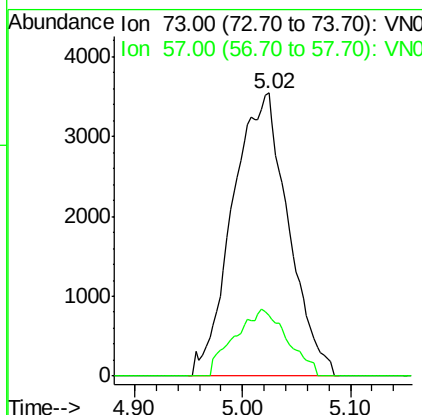
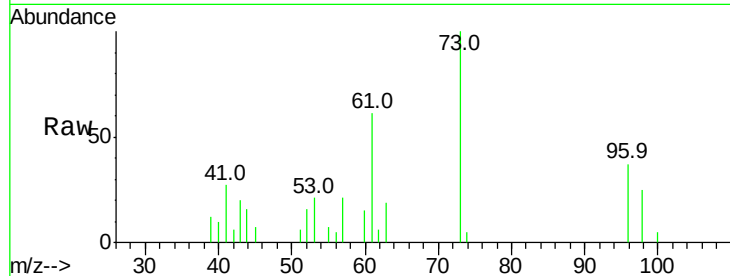


#19

Methyl tert-butyl Ether
 Concen: 1.044 ug/l
 RT: 5.02 min Scan# 1011
 Delta R.T. 0.01 min
 Lab File: VN059325.D
 Acq: 20 Nov 2019 13:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

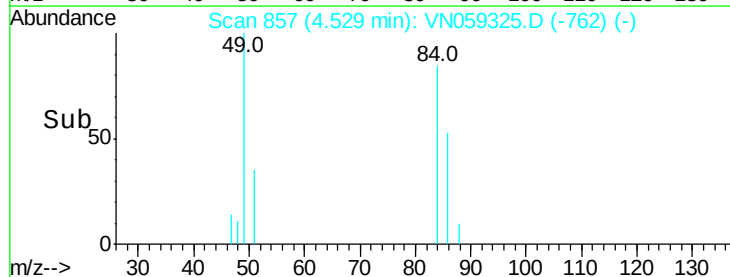
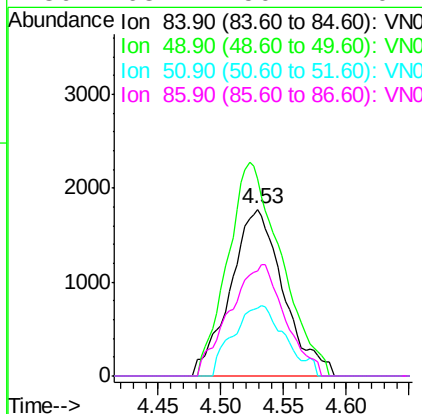
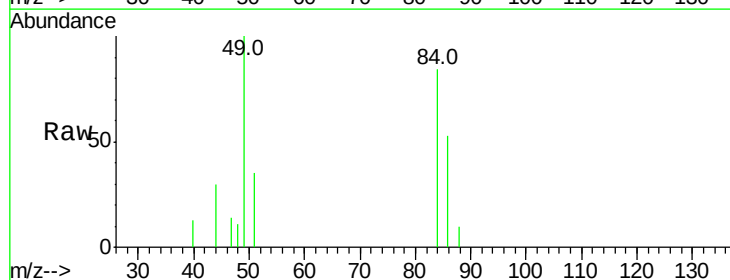
Tgt Ion: 73 Resp: 12727
 Ion Ratio Lower Upper
 73 100
 57 21.5 18.4 27.6

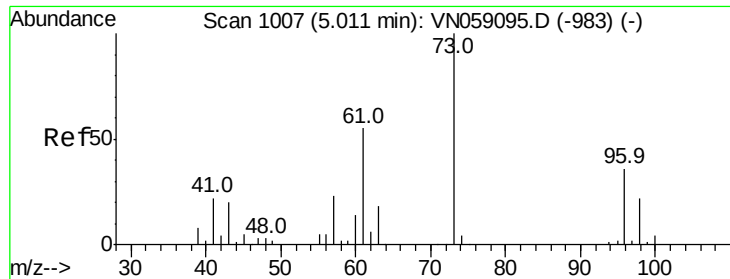


#20

Methylene Chloride
 Concen: 1.231 ug/l
 RT: 4.53 min Scan# 857
 Delta R.T. 0.01 min
 Lab File: VN059325.D
 Acq: 20 Nov 2019 13:57

Tgt Ion: 84 Resp: 5202
 Ion Ratio Lower Upper
 84 100
 49 118.5 102.0 153.0
 51 40.9 32.2 48.2
 86 63.4 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 1.184 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

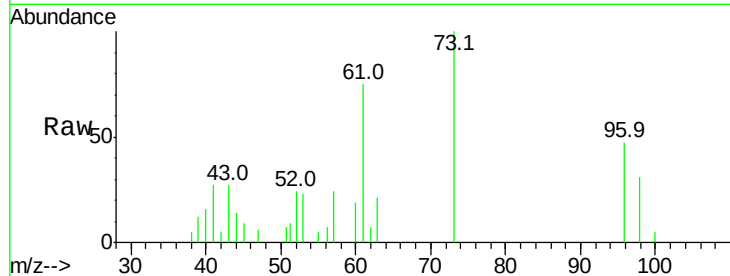
Tgt Ion: 96 Resp: 4501

Ion Ratio Lower Upper

96 100

61 161.5 122.6 183.8

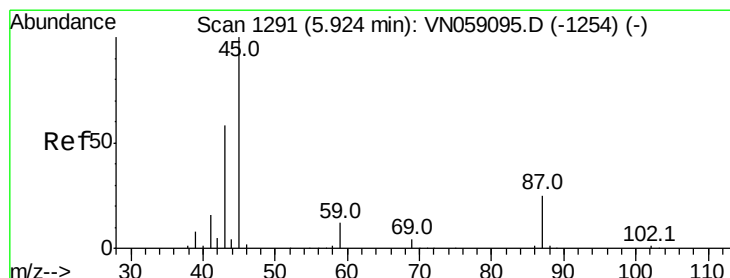
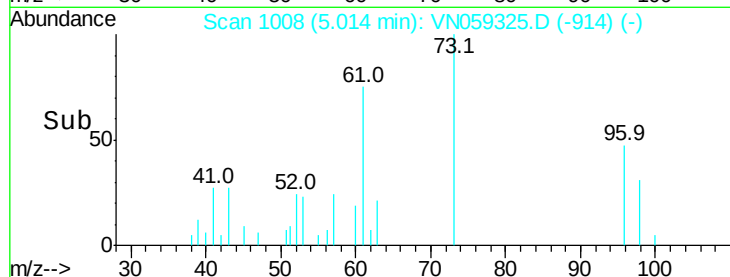
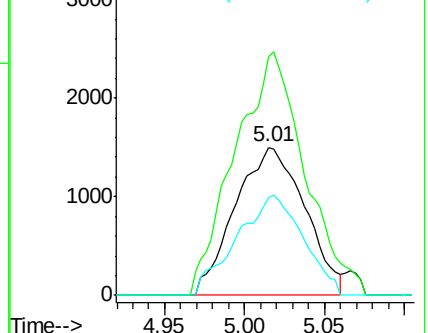
98 66.2 50.3 75.5



Abundance Ion 95.90 (95.60 to 96.60): VN059095.D (-983) (-)

Ion 60.90 (60.60 to 61.60): VN059095.D (-983) (-)

Ion 97.90 (97.60 to 98.60): VN059095.D (-983) (-)



#22

Diisopropyl ether

Concen: 1.007 ug/l

RT: 5.92 min Scan# 1290

Delta R.T. -0.00 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

Tgt Ion: 45 Resp: 13828

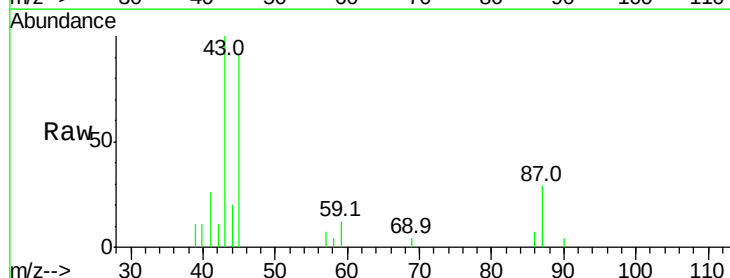
Ion Ratio Lower Upper

45 100

43 101.2 46.7 70.1#

87 31.5 20.5 30.7#

59 13.3 9.6 14.4

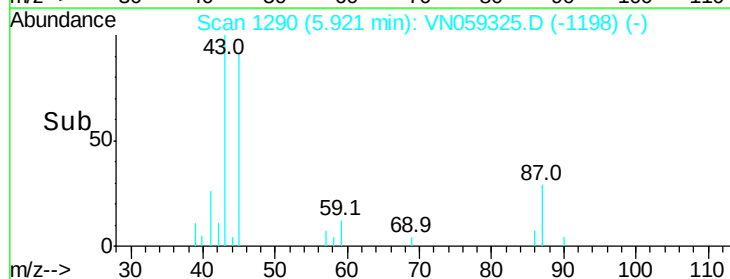
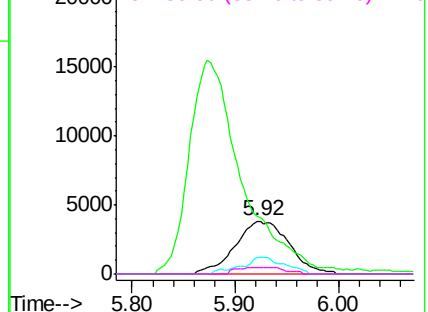


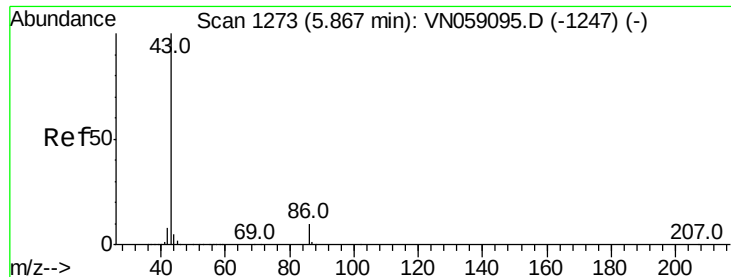
Abundance Ion 45.00 (44.70 to 45.70): VN059095.D (-1254) (-)

Ion 43.00 (42.70 to 43.70): VN059095.D (-1254) (-)

Ion 87.00 (86.70 to 87.70): VN059095.D (-1254) (-)

Ion 59.00 (58.70 to 59.70): VN059095.D (-1254) (-)





#23

Vinyl Acetate

Concen: 5.143 ug/l

RT: 5.87 min Scan# 1275

Delta R.T. 0.01 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

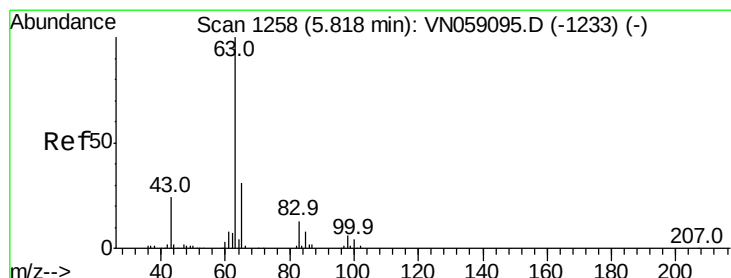
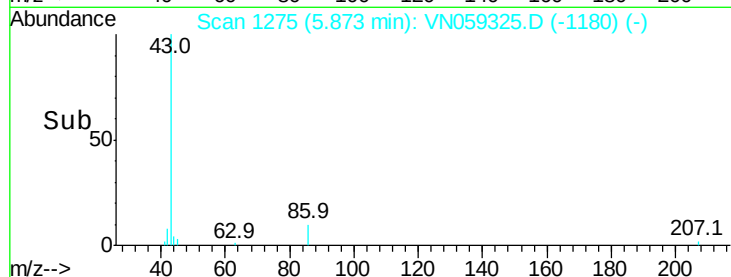
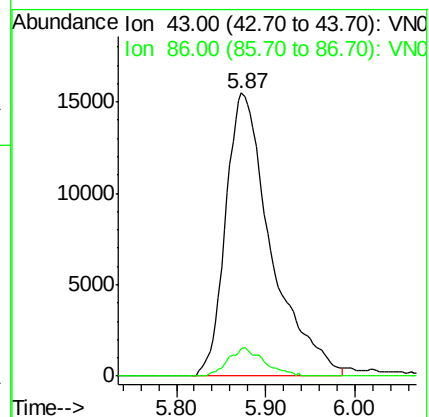
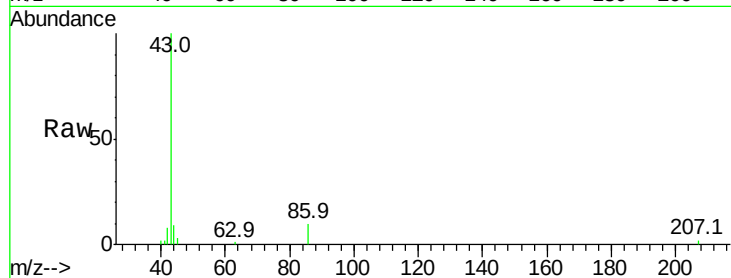
VSTDIC001

Tgt Ion: 43 Resp: 54762

Ion Ratio Lower Upper

43 100

86 9.7 7.7 11.5



#24

1,1-Dichloroethane

Concen: 1.023 ug/l

RT: 5.82 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

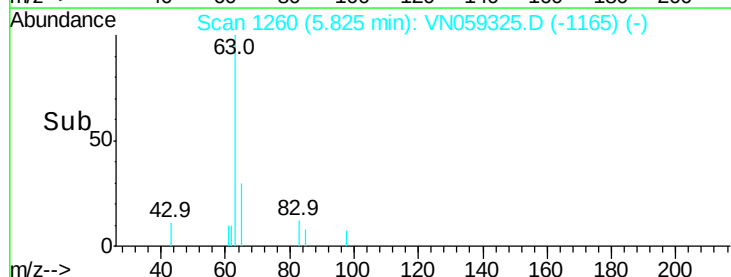
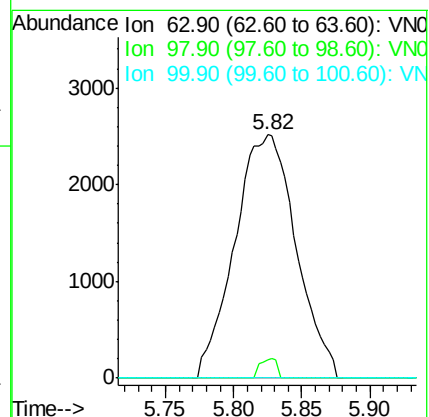
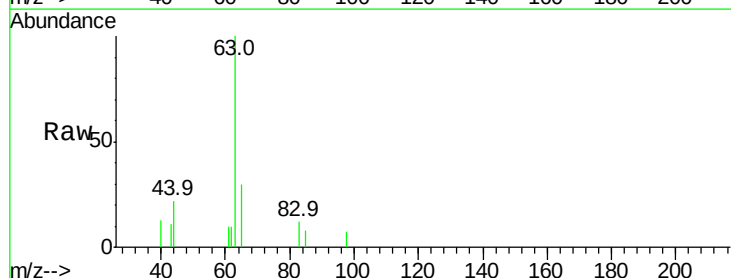
Tgt Ion: 63 Resp: 7852

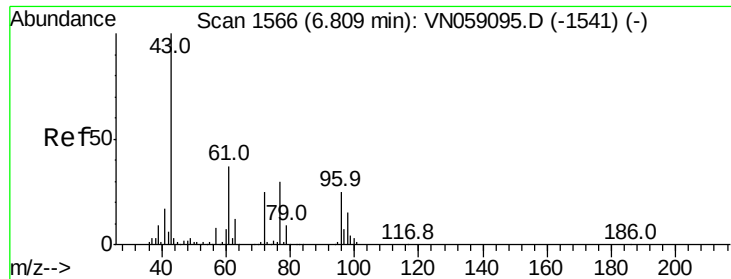
Ion Ratio Lower Upper

63 100

98 7.4 2.8 8.4

100 0.0 1.9 5.7#

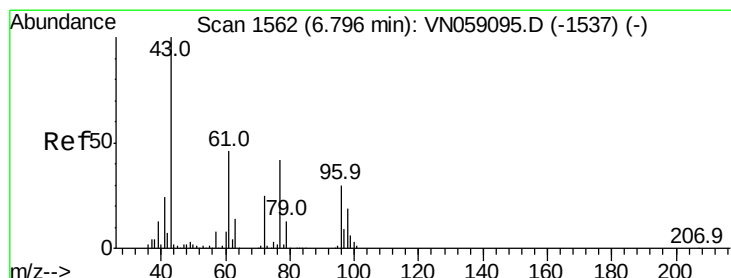
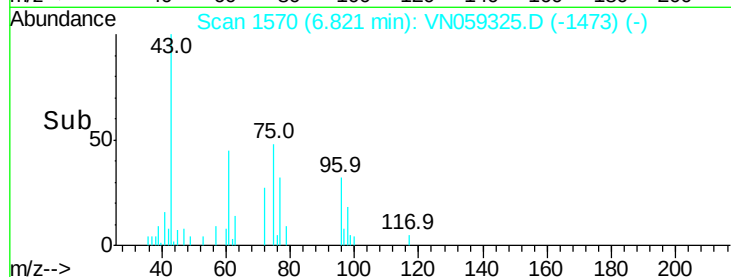
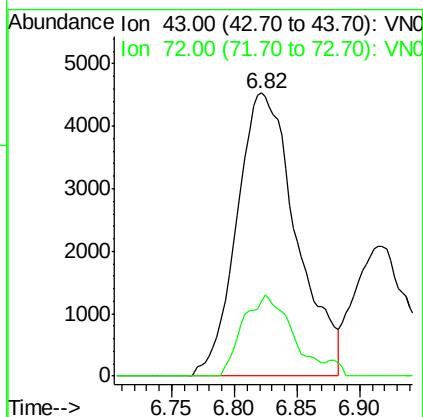
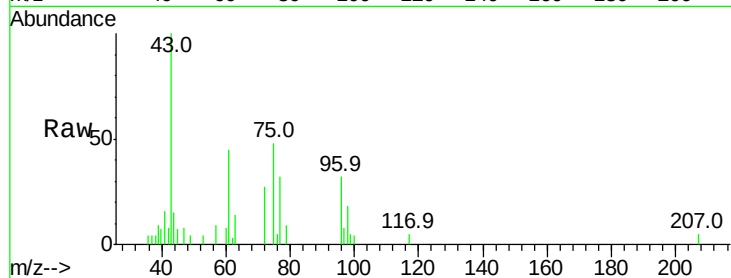




#25
 2-Butanone
 Concen: 4.683 ug/l
 RT: 6.82 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: VN059325.D
 Acq: 20 Nov 2019 13:57

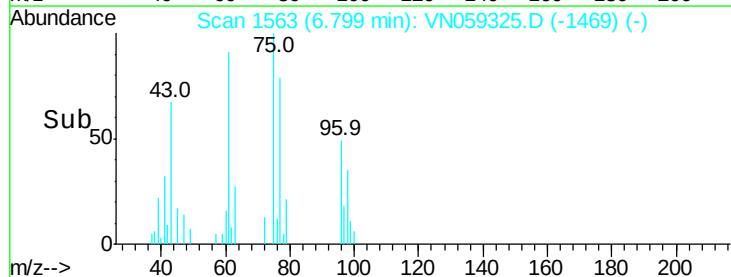
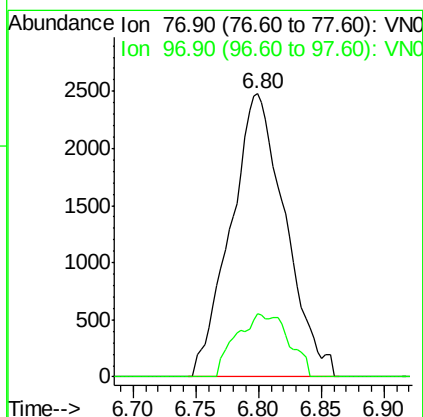
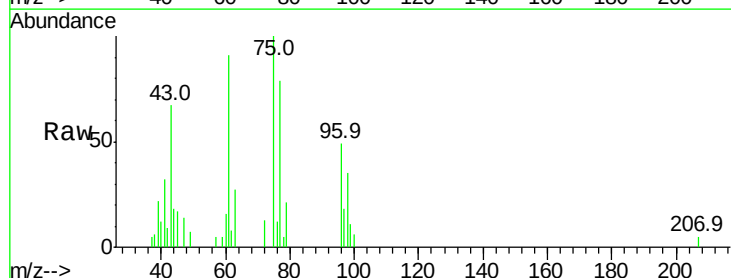
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

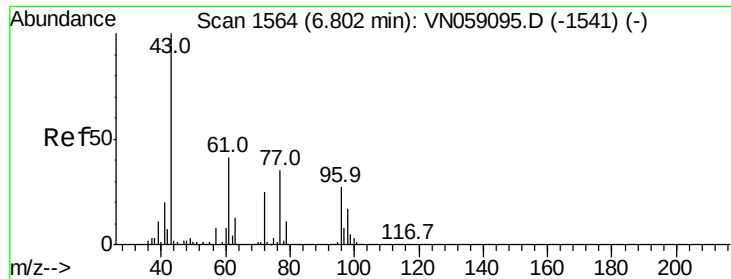
Tgt Ion: 43 Resp: 14976
 Ion Ratio Lower Upper
 43 100
 72 26.6 20.3 30.5



#26
 2,2-Dichloropropane
 Concen: 1.118 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VN059325.D
 Acq: 20 Nov 2019 13:57

Tgt Ion: 77 Resp: 7501
 Ion Ratio Lower Upper
 77 100
 97 13.5 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 1.178 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.01 min

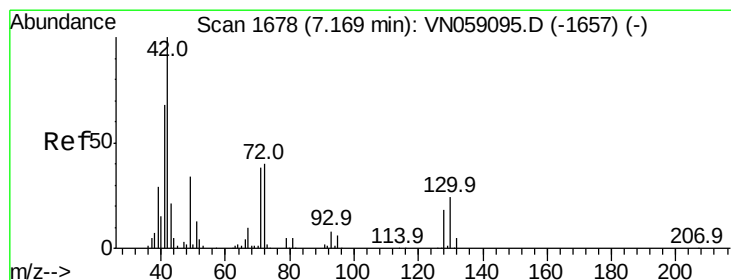
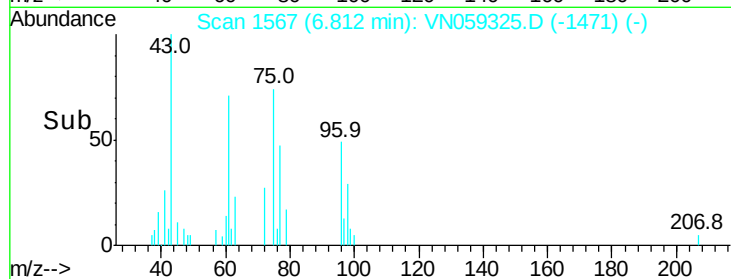
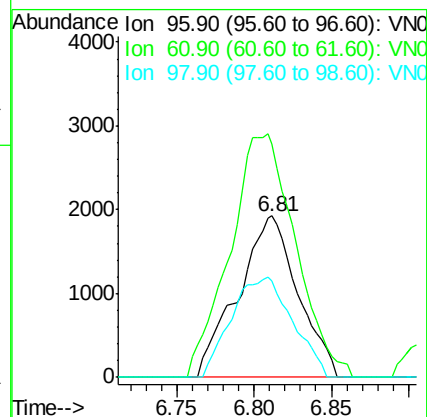
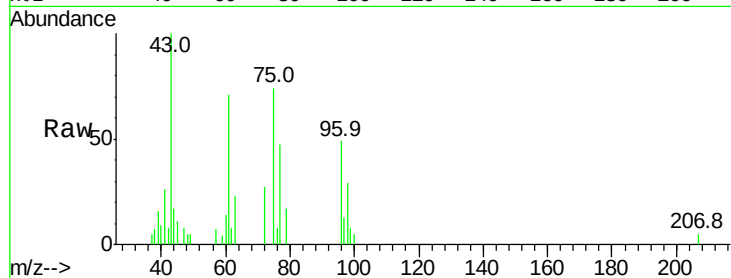
Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 5196

Ion	Ratio	Lower	Upper
96	100		
61	164.6	0.0	311.6
98	63.1	0.0	129.8



#28

Bromochloromethane

Concen: 0.490 ug/l

RT: 7.18 min Scan# 1680

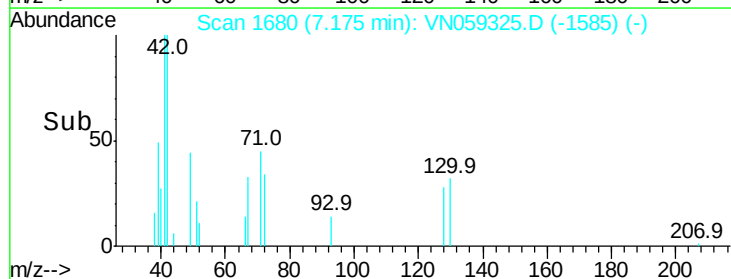
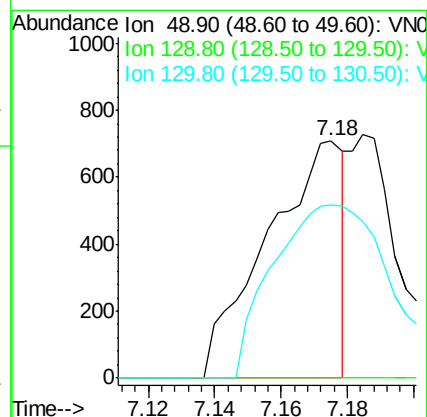
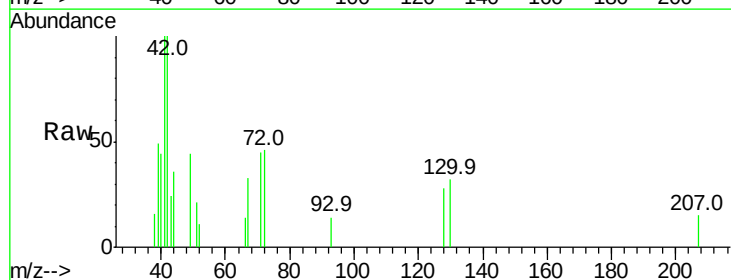
Delta R.T. 0.01 min

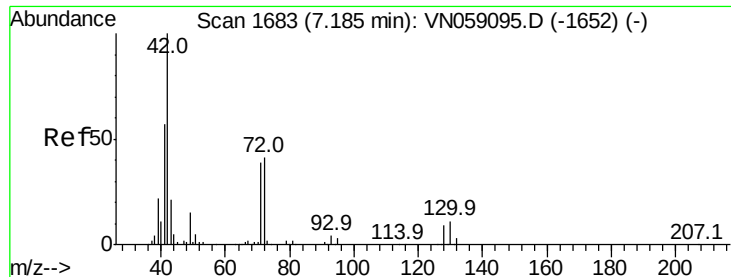
Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

Tgt Ion: 49 Resp: 1131

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	110.4	55.6	83.4#

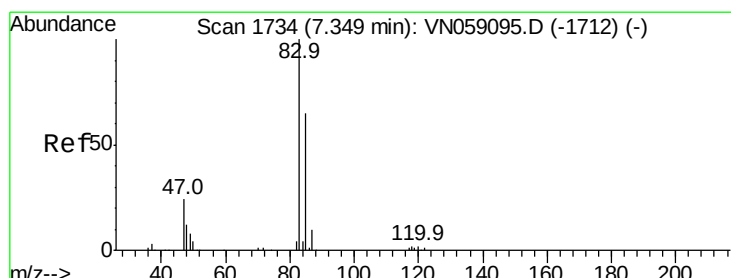
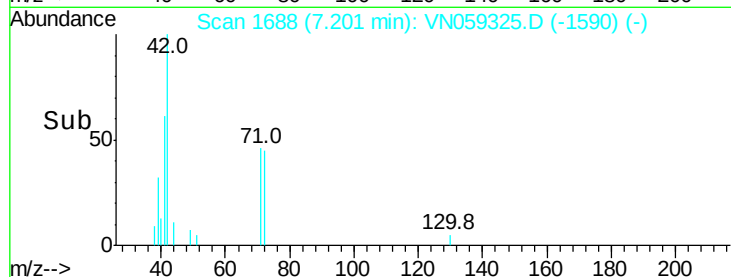
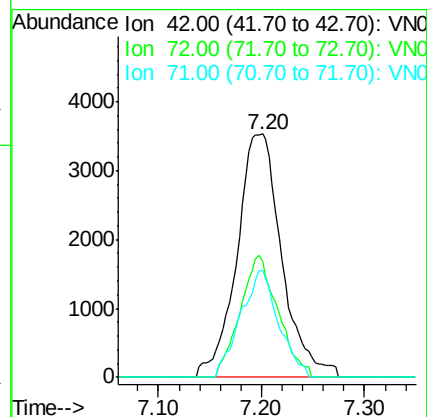
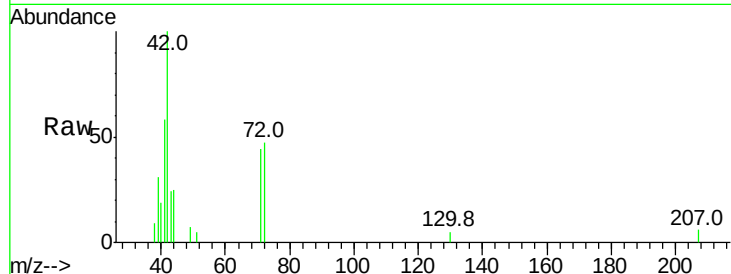




#29
Tetrahydrofuran
Concen: 5.261 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.02 min
Lab File: VN059325.D
Acq: 20 Nov 2019 13:57

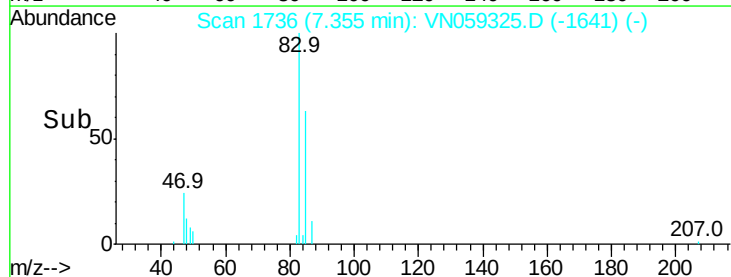
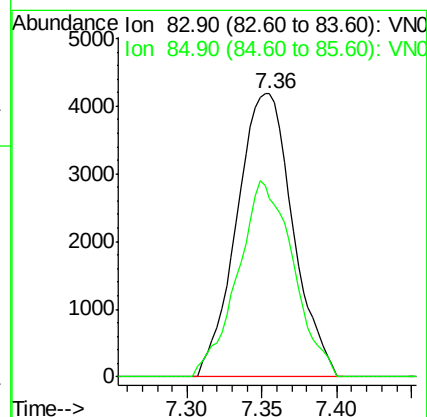
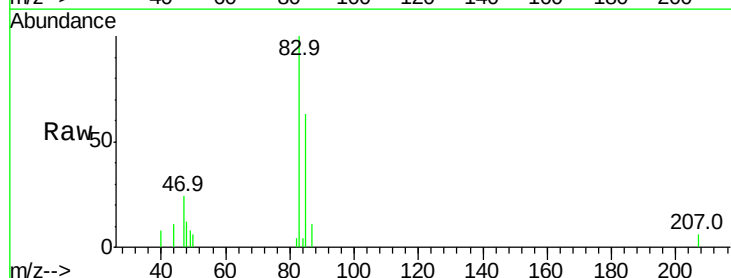
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

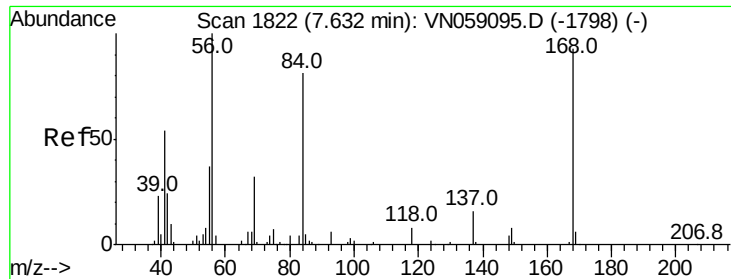
Tgt Ion: 42 Resp: 10690
Ion Ratio Lower Upper
42 100
72 42.1 33.1 49.7
71 37.1 30.9 46.3



#30
Chloroform
Concen: 1.485 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. 0.01 min
Lab File: VN059325.D
Acq: 20 Nov 2019 13:57

Tgt Ion: 83 Resp: 10928
Ion Ratio Lower Upper
83 100
85 63.0 51.8 77.8

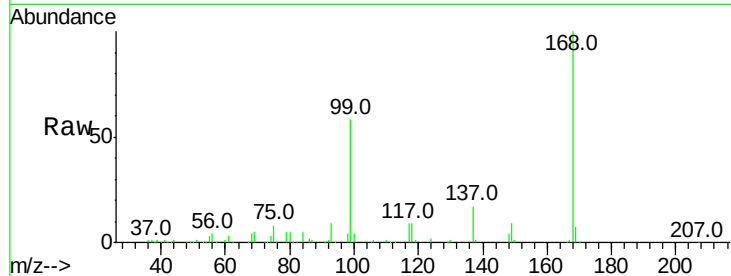




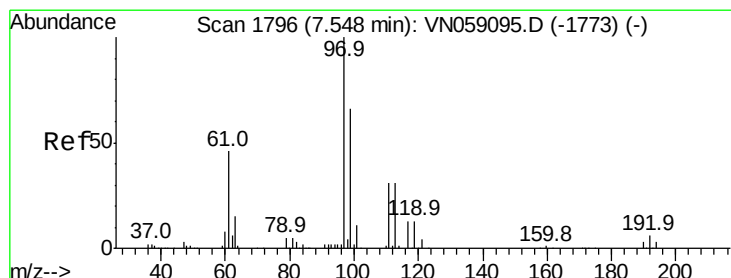
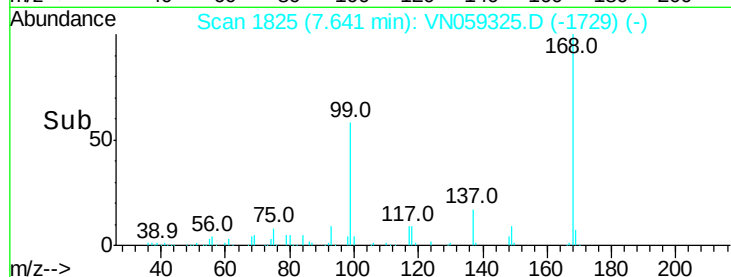
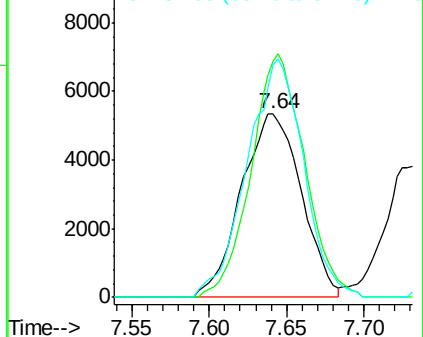
#31
Cyclohexane
Concen: 1.979 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN059325.D
Acq: 20 Nov 2019 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 56 Resp: 14376
Ion Ratio Lower Upper
56 100
69 128.4 25.8 38.8#
84 126.3 65.0 97.4#

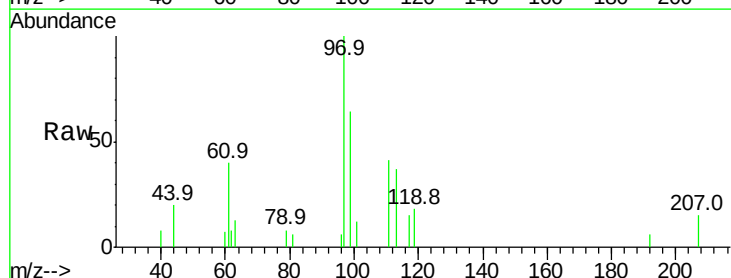


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

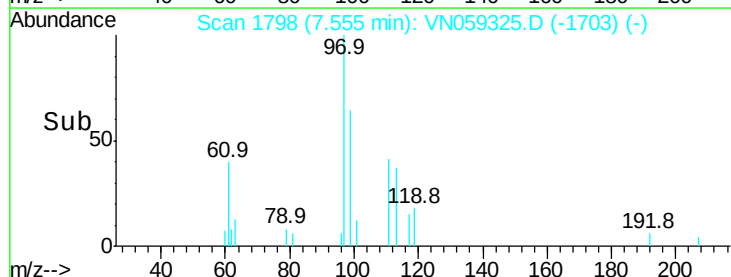
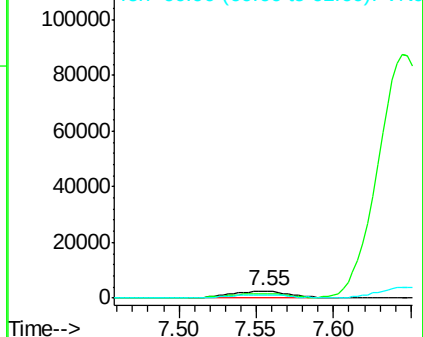


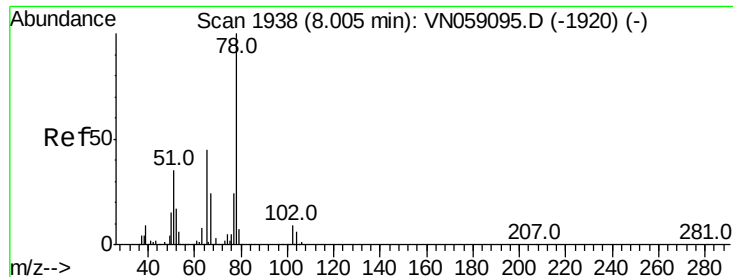
#32
1,1,1-Trichloroethane
Concen: 1.092 ug/l
RT: 7.55 min Scan# 1798
Delta R.T. 0.01 min
Lab File: VN059325.D
Acq: 20 Nov 2019 13:57

Tgt Ion: 97 Resp: 6755
Ion Ratio Lower Upper
97 100
99 0.0 51.0 76.6#
61 45.8 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

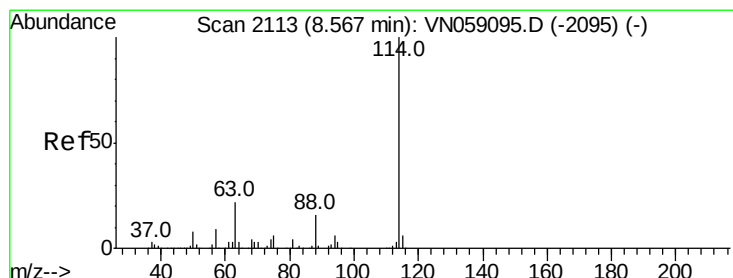
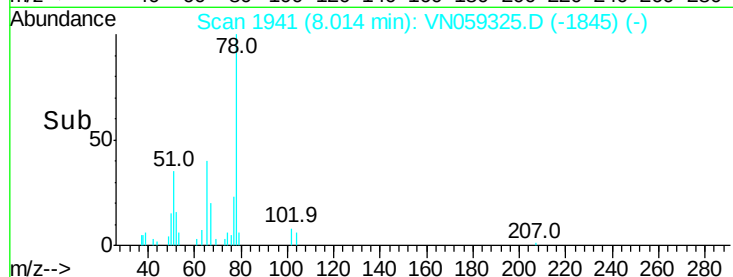
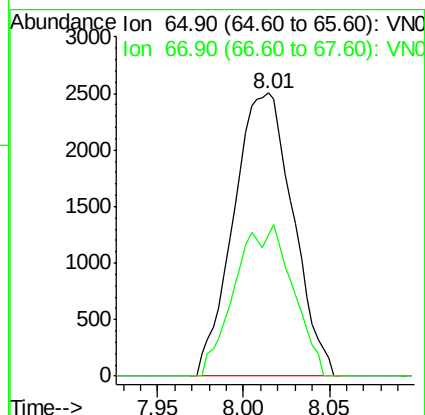
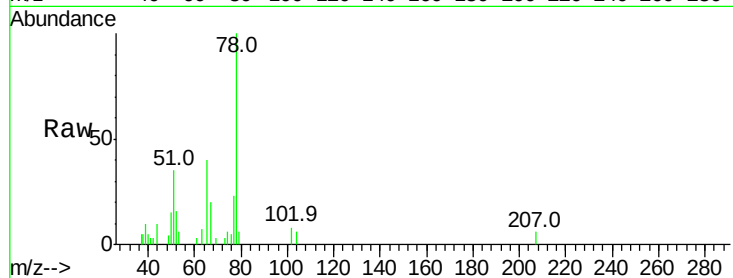




#33
 1,2-Dichloroethane-d4
 Concen: 1.290 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.01 min
 Lab File: VN059325.D
 Acq: 20 Nov 2019 13:57

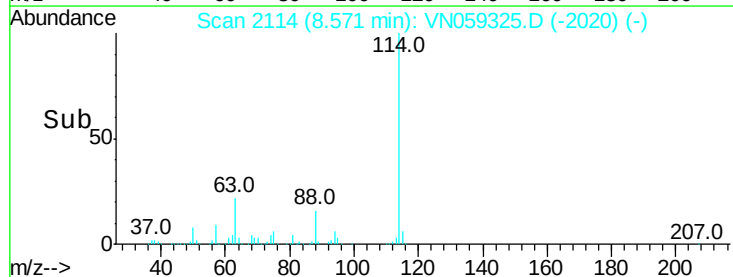
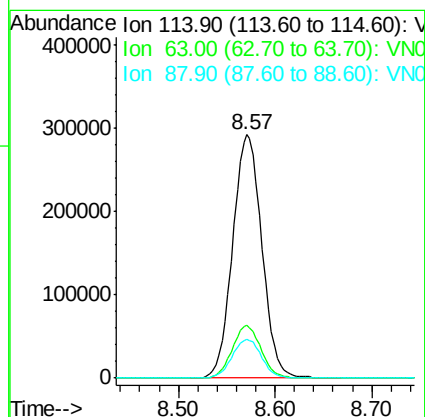
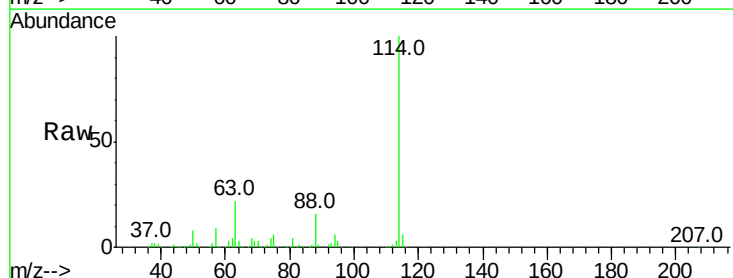
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

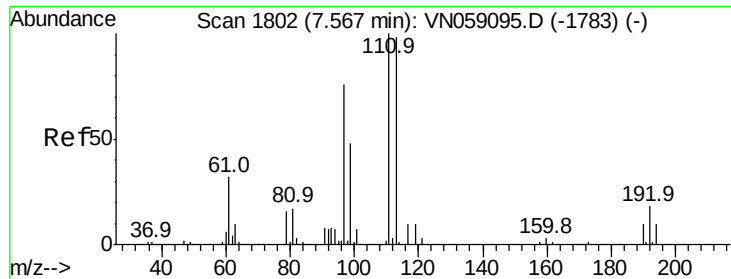
Tgt Ion: 65 Resp: 6018
 Ion Ratio Lower Upper
 65 100
 67 27.1 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059325.D
 Acq: 20 Nov 2019 13:57

Tgt Ion: 114 Resp: 610961
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.4
 88 15.7 0.0 32.2





#35

Dibromofluoromethane

Concen: 1.116 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

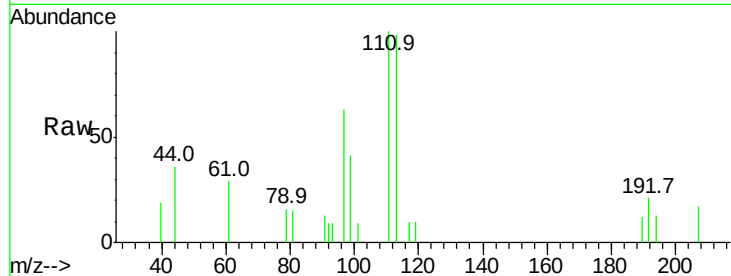
Tgt Ion:113 Resp: 4070

Ion Ratio Lower Upper

113 100

111 110.2 82.8 124.2

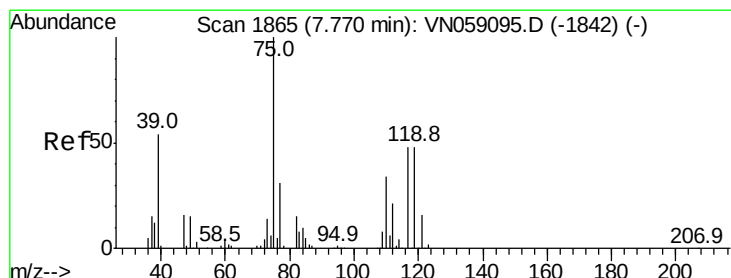
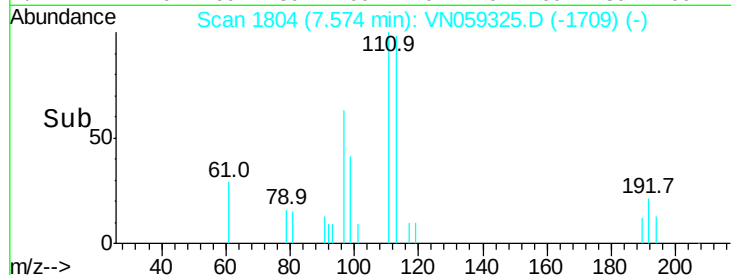
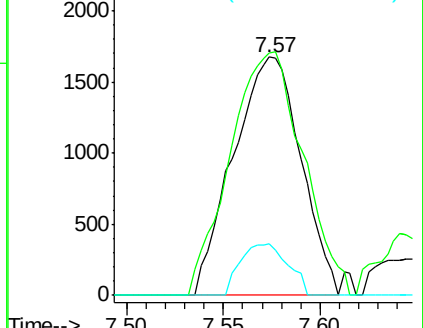
192 15.0 16.1 24.1#



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: 1.155 ug/l

RT: 7.77 min Scan# 1866

Delta R.T. 0.00 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

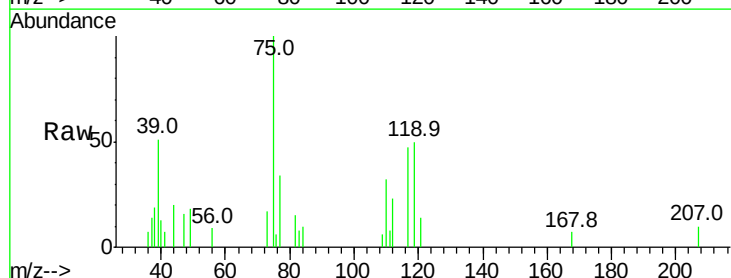
Tgt Ion: 75 Resp: 6594

Ion Ratio Lower Upper

75 100

110 31.5 17.1 51.2

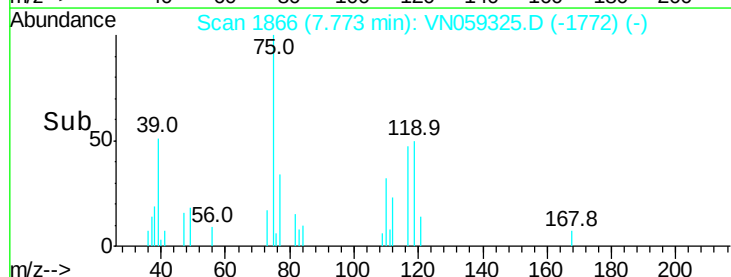
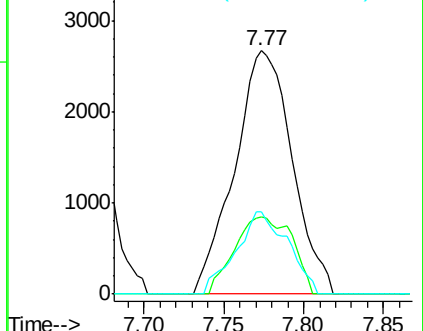
77 30.3 24.8 37.2

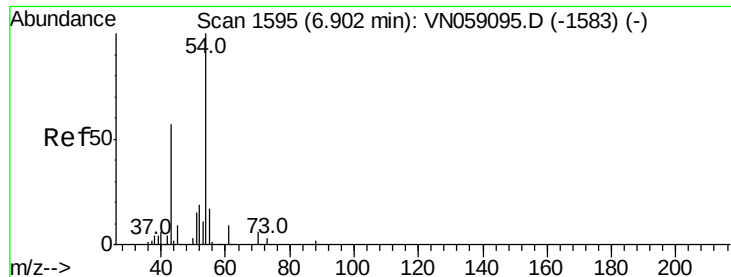


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 1.119 ug/l

RT: 6.91 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

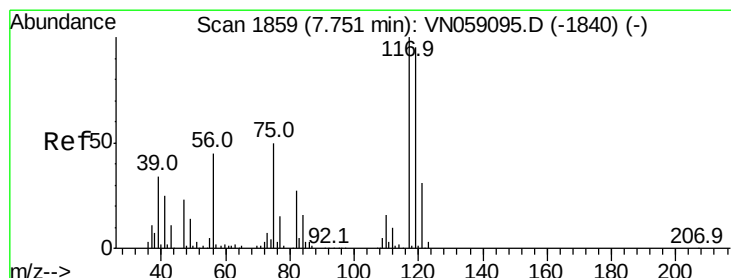
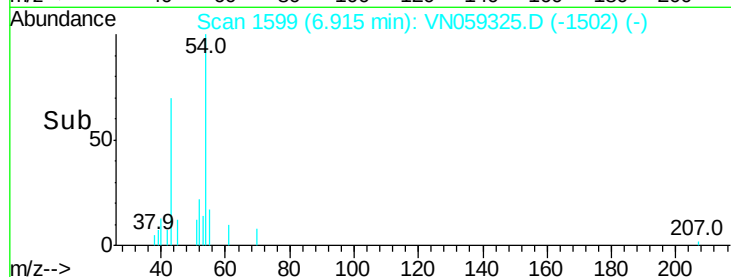
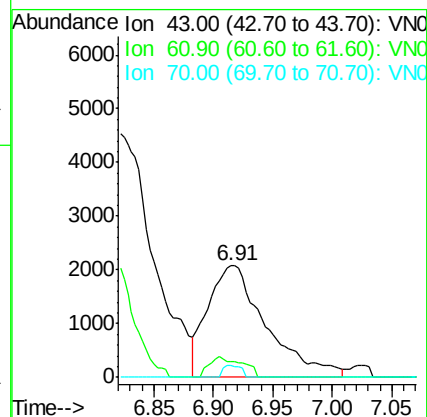
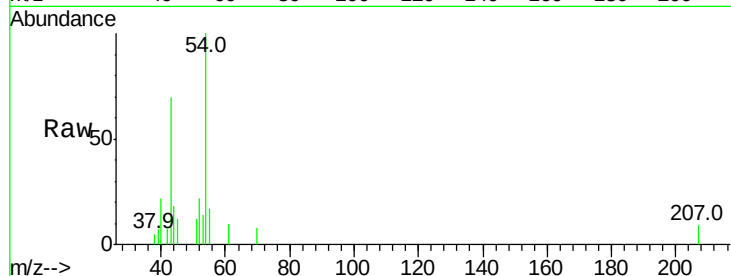
Tgt Ion: 43 Resp: 7112

Ion Ratio Lower Upper

43 100

61 10.4 11.2 16.8#

70 3.3 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 1.076 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

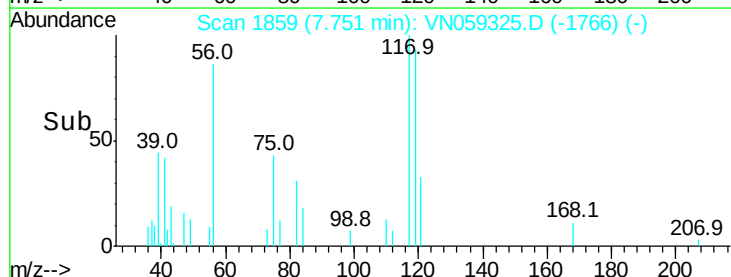
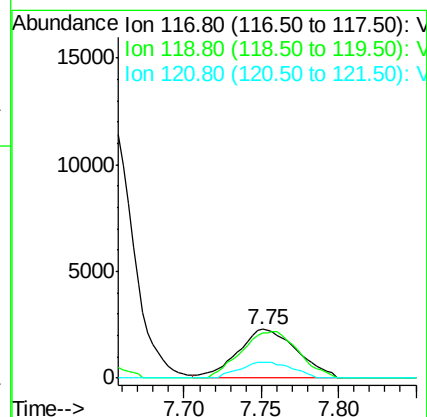
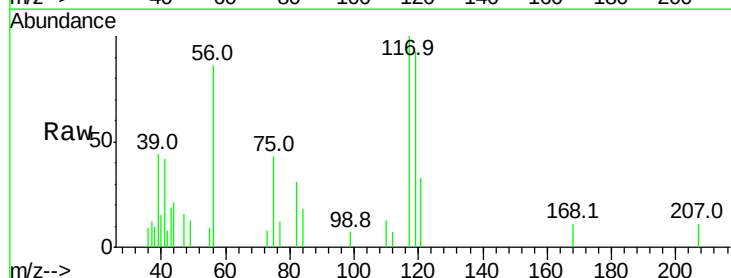
Tgt Ion: 117 Resp: 6114

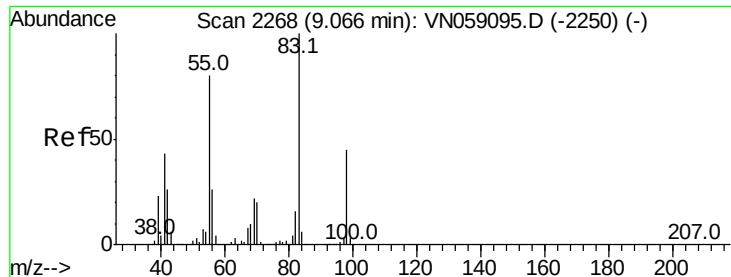
Ion Ratio Lower Upper

117 100

119 92.6 75.6 113.4

121 33.0 24.6 36.8

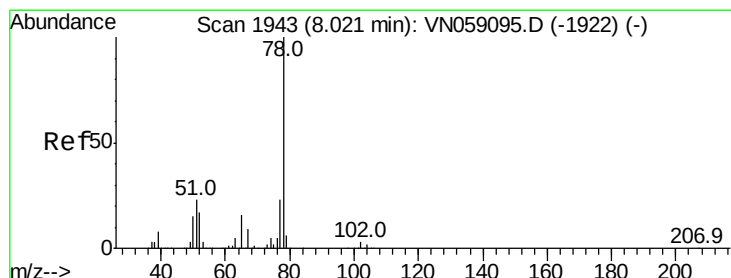
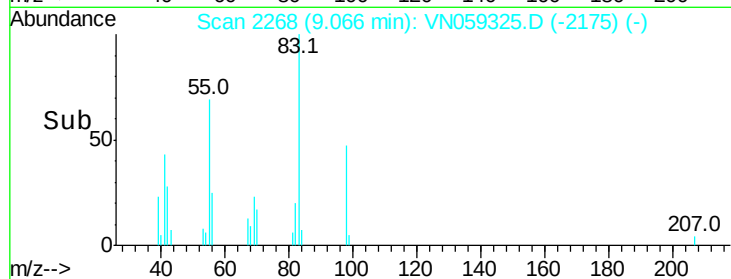
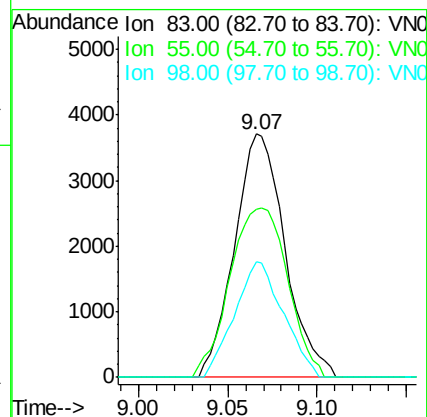
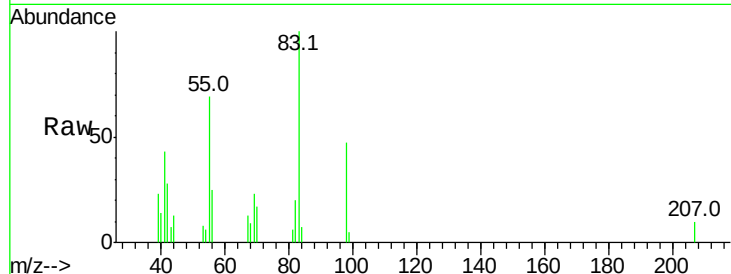




#39
Methylcyclohexane
Concen: 1.102 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059325.D
Acq: 20 Nov 2019 13:57

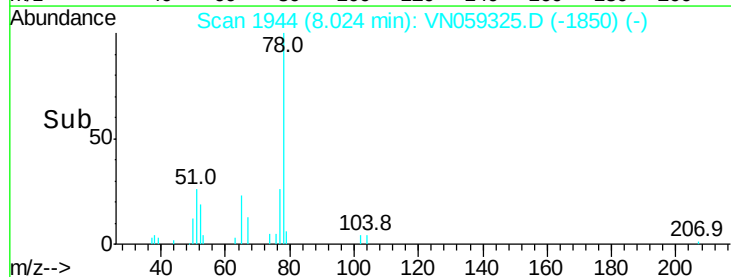
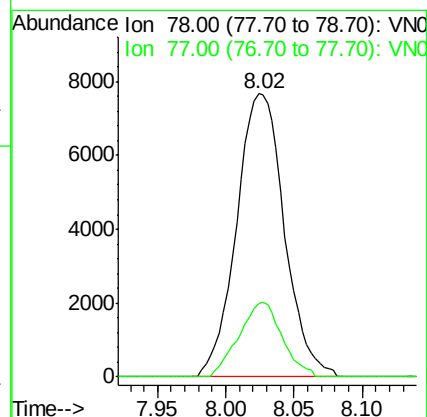
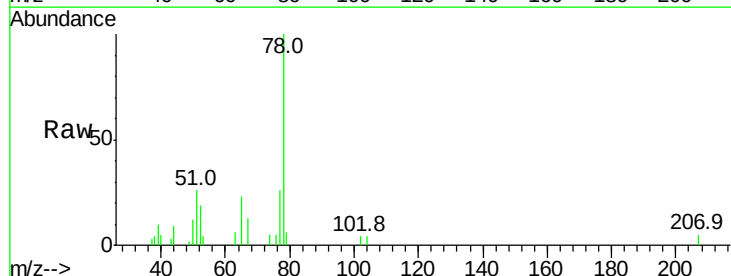
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

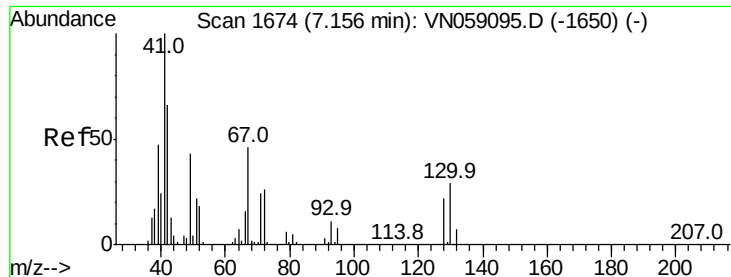
Tgt Ion: 83 Resp: 7303
Ion Ratio Lower Upper
83 100
55 69.1 63.9 95.9
98 47.4 35.6 53.4



#40
Benzene
Concen: 1.086 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059325.D
Acq: 20 Nov 2019 13:57

Tgt Ion: 78 Resp: 18675
Ion Ratio Lower Upper
78 100
77 26.1 18.8 28.2

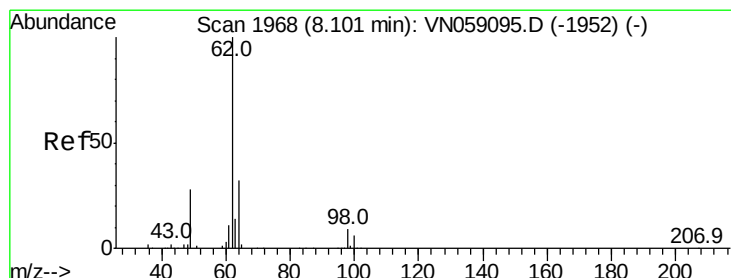
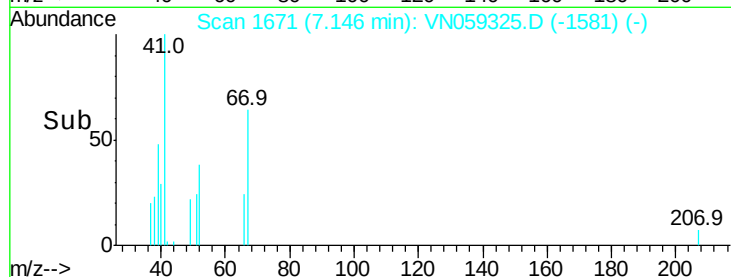
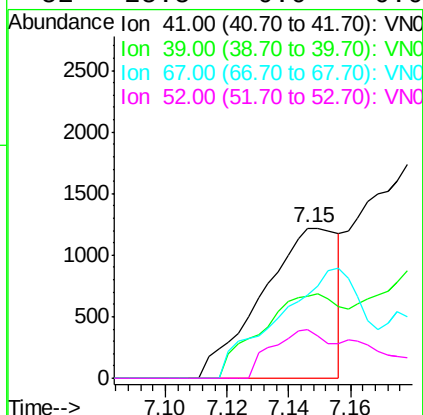
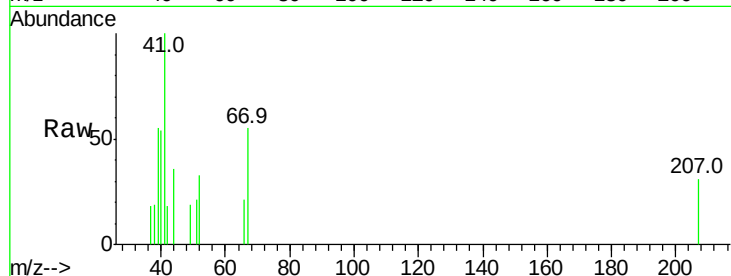




#41
Methacrylonitrile
Concen: 0.754 ug/l
RT: 7.15 min Scan# 1671
Delta R.T. -0.01 min
Lab File: VN059325.D
Acq: 20 Nov 2019 13:57

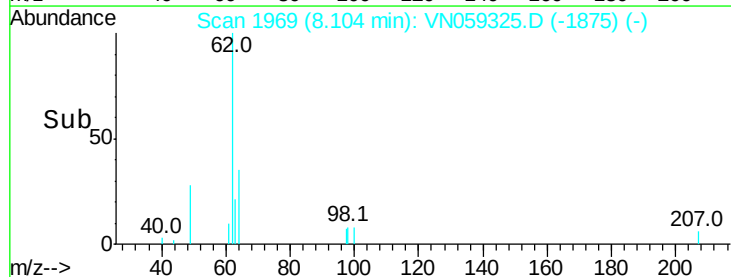
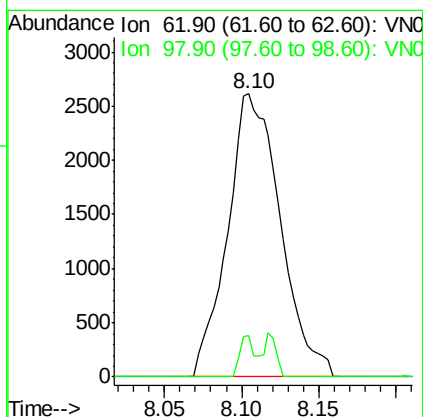
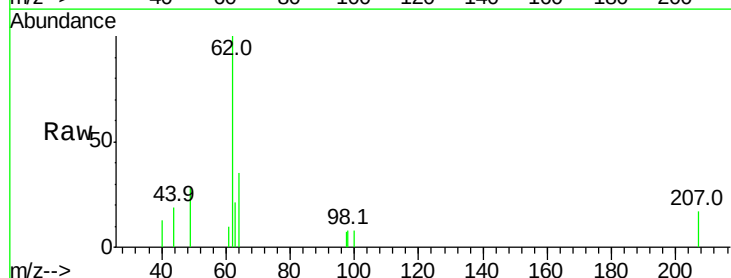
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

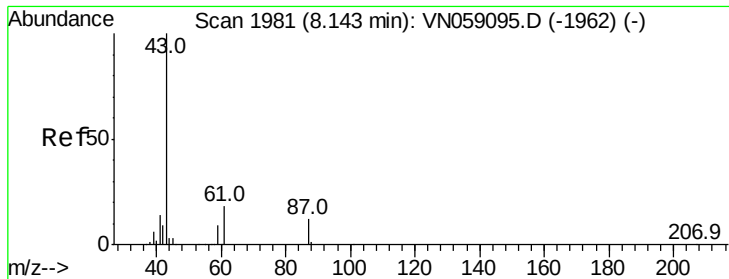
Tgt Ion:	41	Resp:	2082
Ion	Ratio	Lower	Upper
41	100		
39	60.7	0.0	0.0#
67	81.9	0.0	0.0#
52	25.5	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 1.049 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059325.D
Acq: 20 Nov 2019 13:57

Tgt Ion:	62	Resp:	6189
Ion	Ratio	Lower	Upper
62	100		
98	4.1	0.0	17.8





#43

Isopropyl Acetate

Concen: 0.934 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

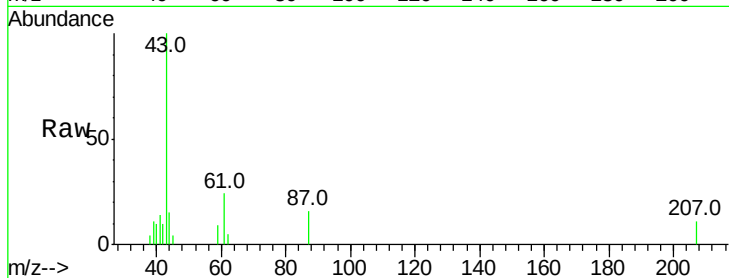
Tgt Ion: 43 Resp: 9457

Ion Ratio Lower Upper

43 100

61 22.9 21.0 31.6

87 12.3 9.8 14.6

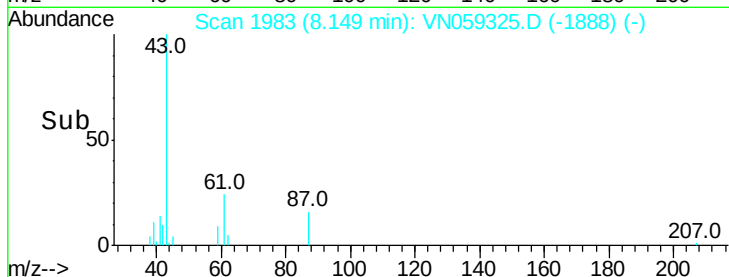


Abundance Ion 43.00 (42.70 to 43.70): VN059325.D (-1983) (-)

Ion 61.00 (60.70 to 61.70): VN059325.D (-1983) (-)

Ion 87.00 (86.70 to 87.70): VN059325.D (-1983) (-)

Time--> 8.05 8.10 8.15 8.20 8.25

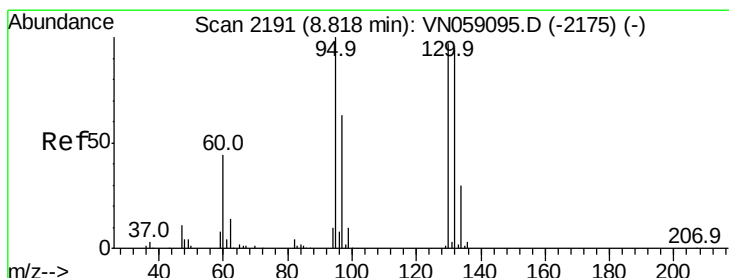


Abundance Ion 43.00 (42.70 to 43.70): VN059325.D (-1983) (-)

Ion 61.00 (60.70 to 61.70): VN059325.D (-1983) (-)

Ion 87.00 (86.70 to 87.70): VN059325.D (-1983) (-)

Time--> 8.05 8.10 8.15 8.20 8.25



#44

Trichloroethene

Concen: 1.174 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. 0.01 min

Lab File: VN059325.D

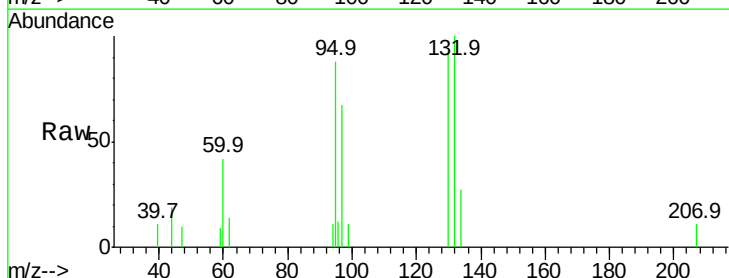
Acq: 20 Nov 2019 13:57

Tgt Ion: 130 Resp: 4961

Ion Ratio Lower Upper

130 100

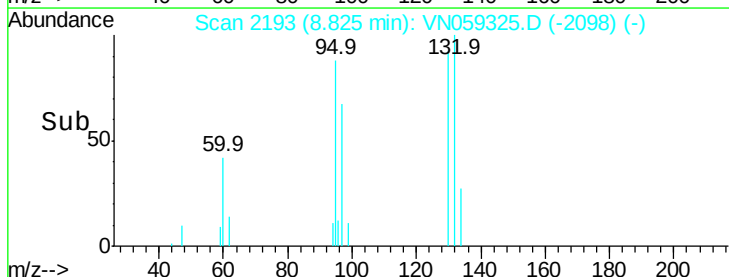
95 95.8 0.0 206.4



Abundance Ion 129.80 (129.50 to 130.50): VN059325.D (-2191) (-)

Ion 94.90 (94.60 to 95.60): VN059325.D (-2191) (-)

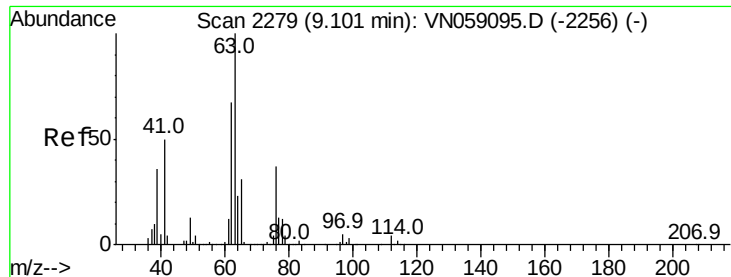
Time--> 8.75 8.80 8.85



Abundance Ion 129.80 (129.50 to 130.50): VN059325.D (-2191) (-)

Ion 94.90 (94.60 to 95.60): VN059325.D (-2191) (-)

Time--> 8.75 8.80 8.85



#45

1,2-Dichloropropane

Concen: 1.060 ug/l

RT: 9.11 min Scan# 2282

Delta R.T. 0.01 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

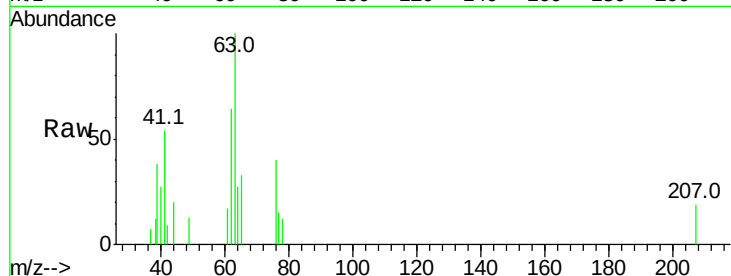
VSTDIC001

Tgt Ion: 63 Resp: 4951

Ion Ratio Lower Upper

63 100

65 32.6 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.11

2500

2000

1500

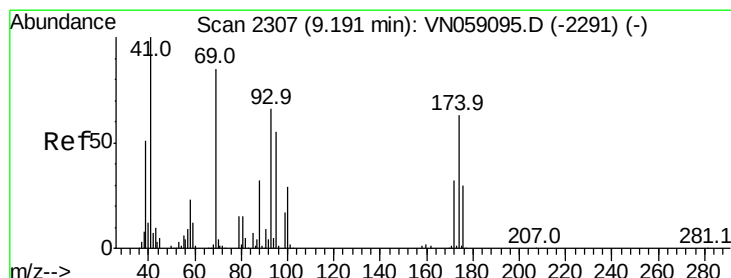
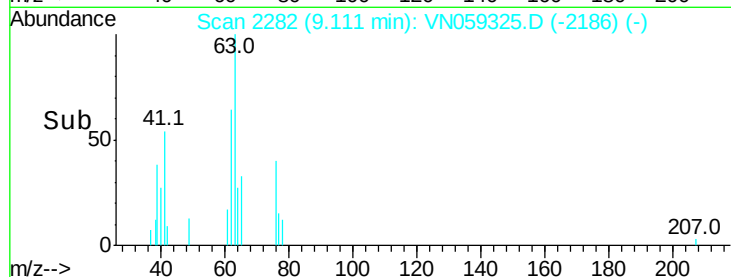
1000

500

0

9.05 9.10 9.15

Time-->



#46

Dibromomethane

Concen: 0.997 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

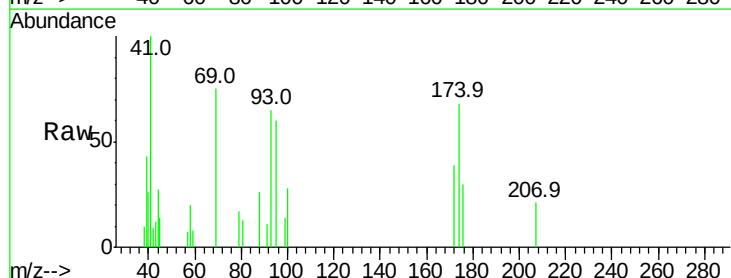
Tgt Ion: 93 Resp: 2901

Ion Ratio Lower Upper

93 100

95 98.6 66.6 100.0

174 112.8 78.2 117.2



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

2000

1500

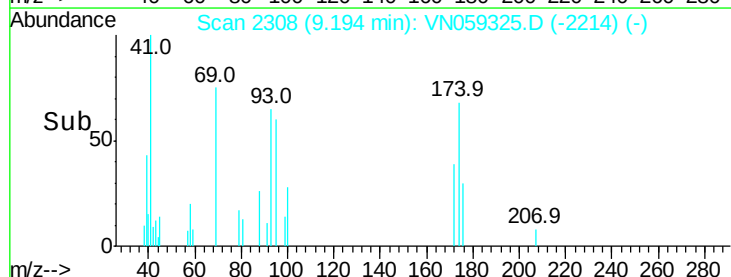
1000

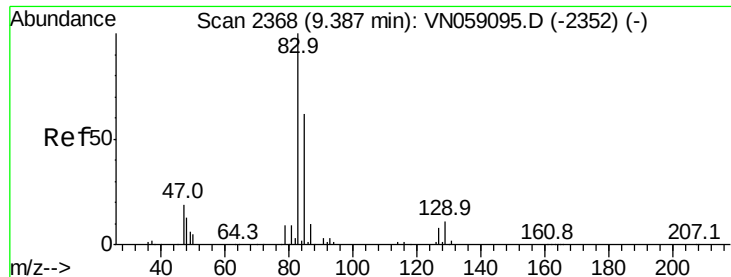
500

0

9.15 9.20 9.25

Time-->





#47

Bromodichloromethane

Concen: 0.996 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

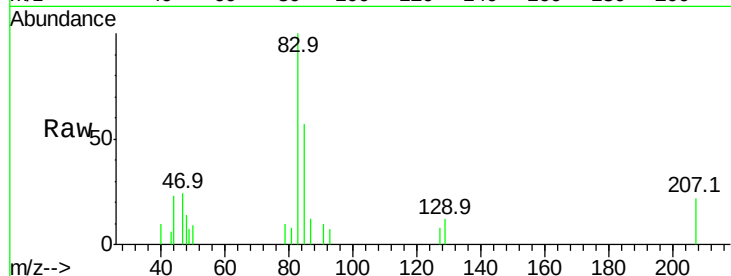
Tgt Ion: 83 Resp: 5791

Ion Ratio Lower Upper

83 100

85 56.7 49.7 74.5

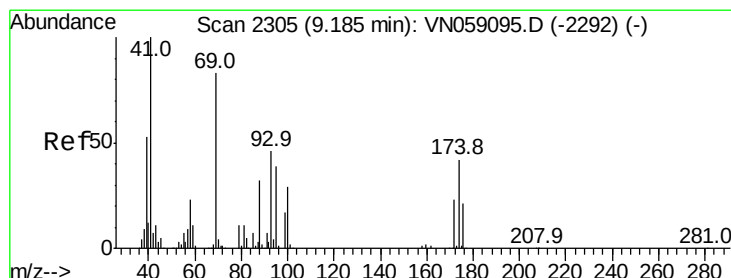
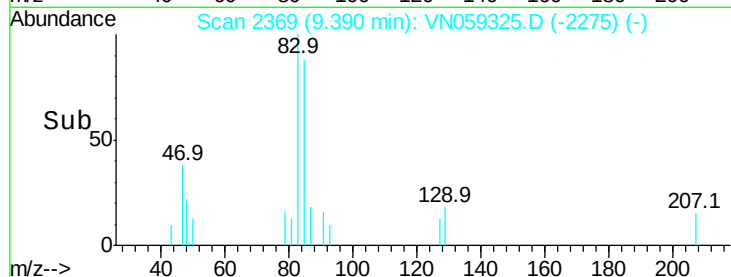
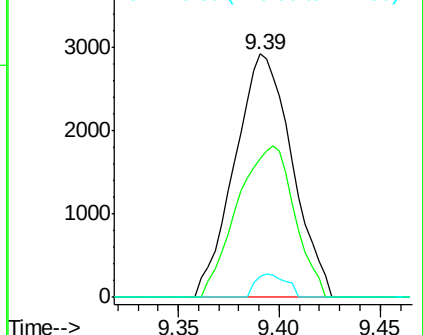
127 8.4 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VN059325.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN059325.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN059325.D (-2275) (-)



#48

Methyl methacrylate

Concen: 1.025 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.01 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

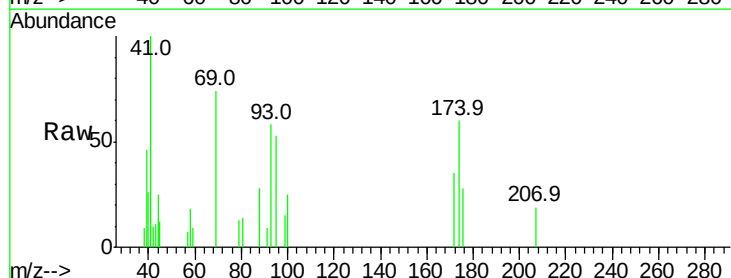
Tgt Ion: 41 Resp: 4644

Ion Ratio Lower Upper

41 100

69 70.9 67.3 100.9

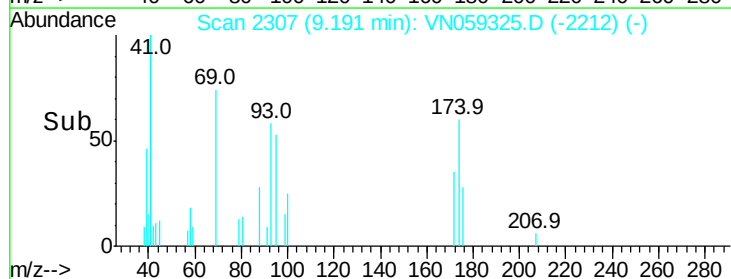
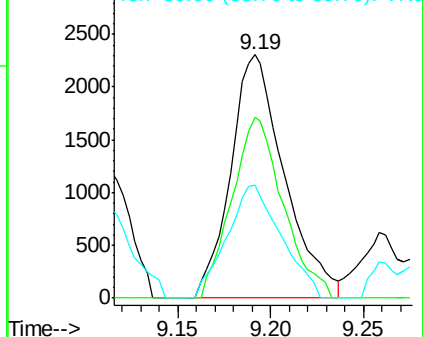
39 46.9 43.3 64.9

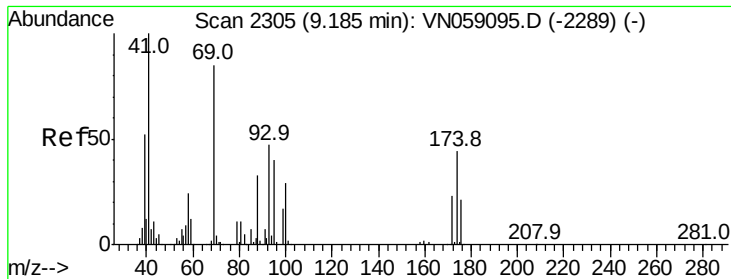


Abundance Ion 41.00 (40.70 to 41.70): VN059325.D (-2212) (-)

Ion 69.00 (68.70 to 69.70): VN059325.D (-2212) (-)

Ion 39.00 (38.70 to 39.70): VN059325.D (-2212) (-)

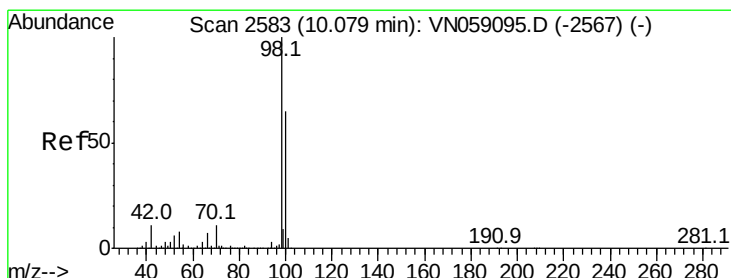
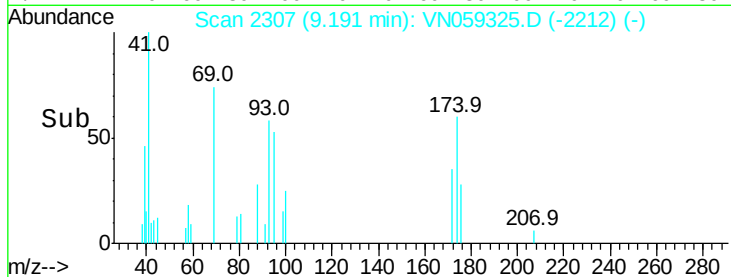
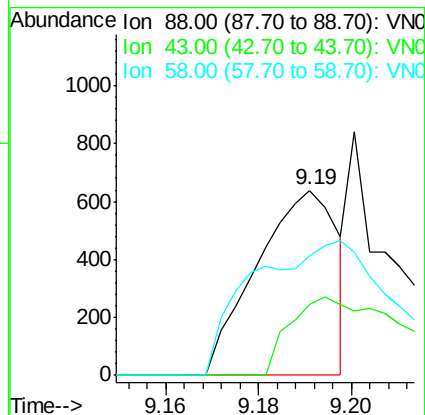
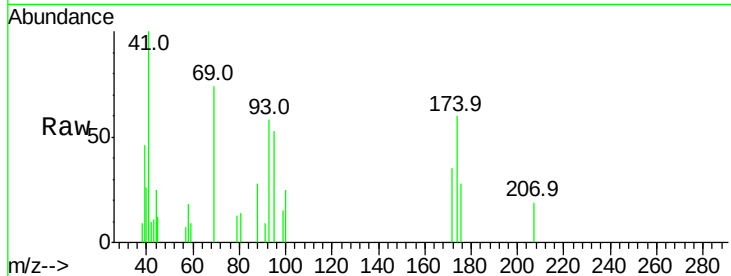




#49
1,4-Dioxane
Concen: 9.552 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.01 min
Lab File: VN059325.D
Acq: 20 Nov 2019 13:57

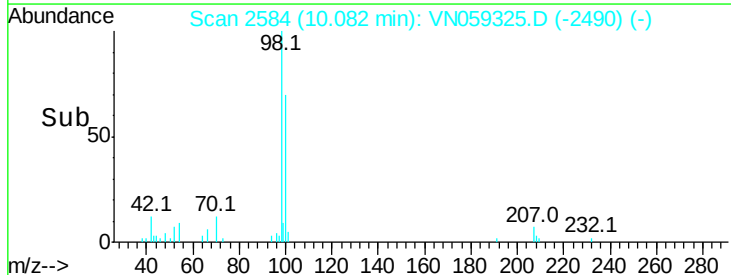
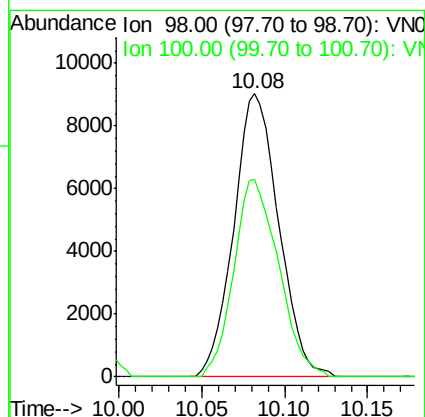
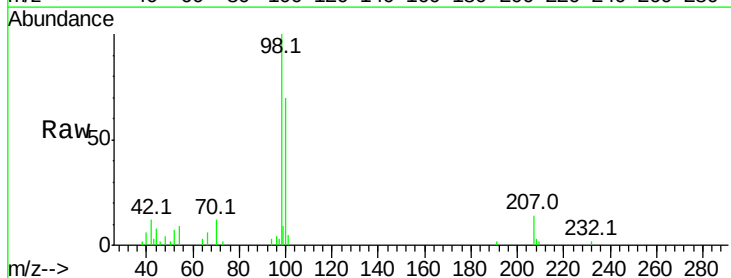
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

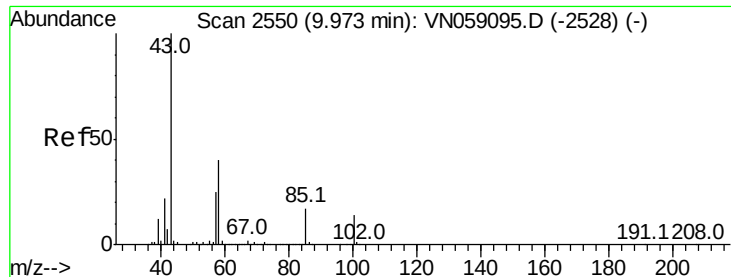
Tgt Ion: 88 Resp: 769
Ion Ratio Lower Upper
88 100
43 52.7 26.3 39.5#
58 119.1 60.6 90.8#



#50
Toluene-d8
Concen: 1.185 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059325.D
Acq: 20 Nov 2019 13:57

Tgt Ion: 98 Resp: 17023
Ion Ratio Lower Upper
98 100
100 69.5 52.2 78.2

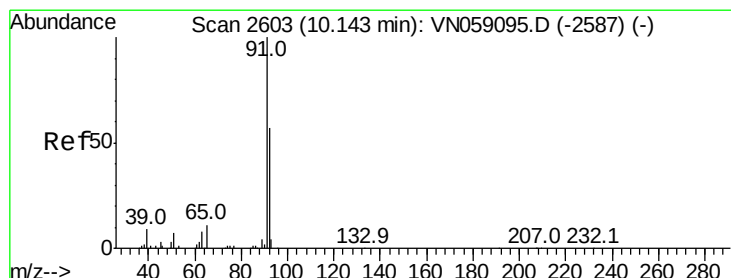
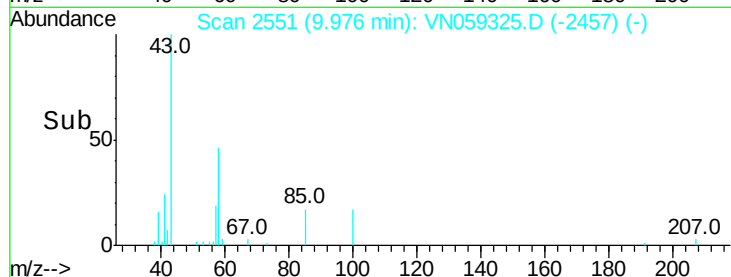
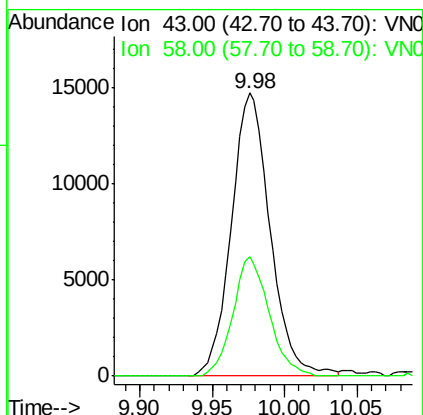
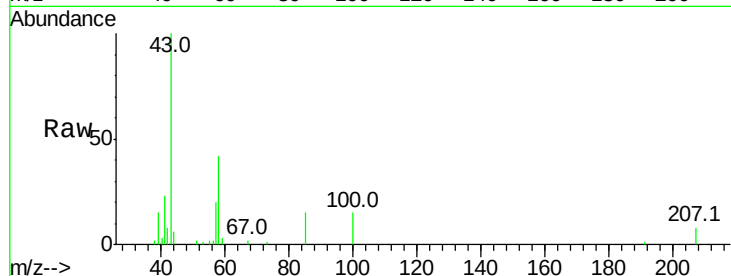




#51
4-Methyl-2-Pentanone
Concen: 4.781 ug/l
RT: 9.98 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VN059325.D
Acq: 20 Nov 2019 13:57

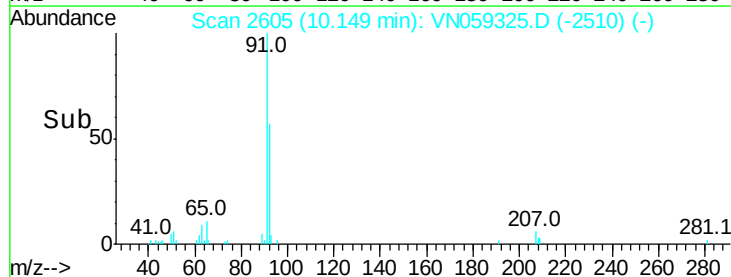
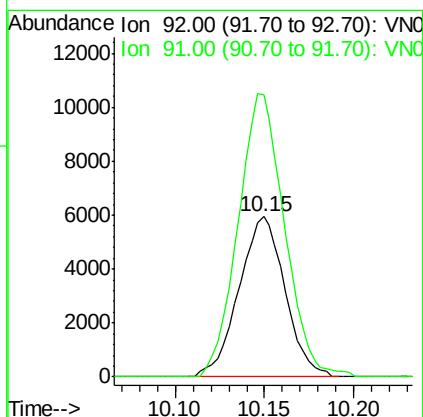
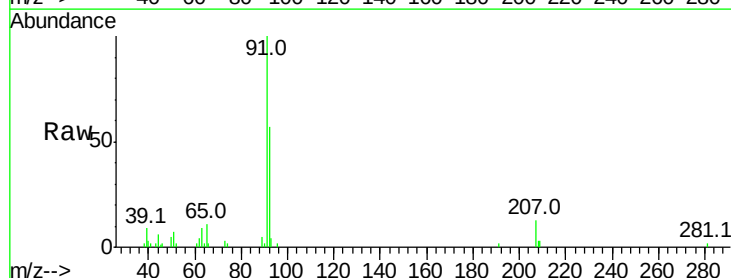
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

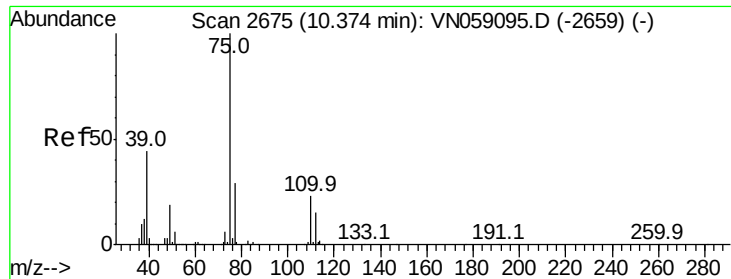
Tgt Ion: 43 Resp: 27400
Ion Ratio Lower Upper
43 100
58 39.1 31.5 47.3



#52
Toluene
Concen: 1.039 ug/l
RT: 10.15 min Scan# 2605
Delta R.T. 0.01 min
Lab File: VN059325.D
Acq: 20 Nov 2019 13:57

Tgt Ion: 92 Resp: 10714
Ion Ratio Lower Upper
92 100
91 178.1 139.5 209.3





#53

t-1,3-Dichloropropene

Concen: 1.042 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

Instrument :

MSVOA_N

ClientSampled :

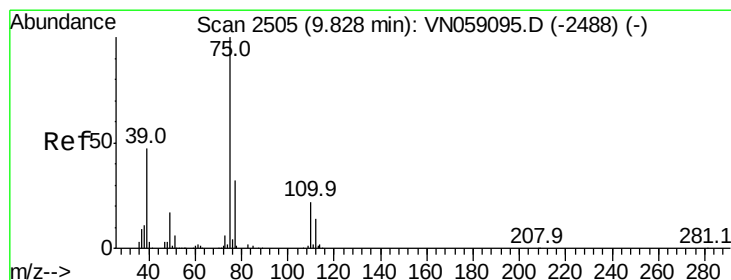
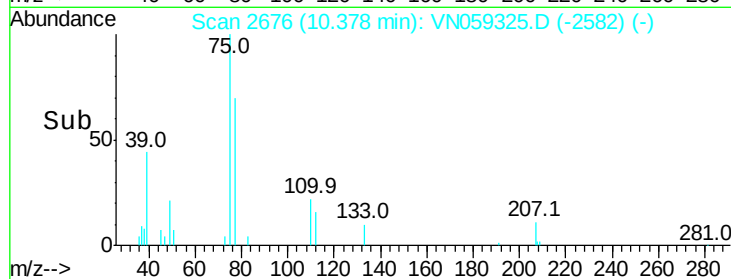
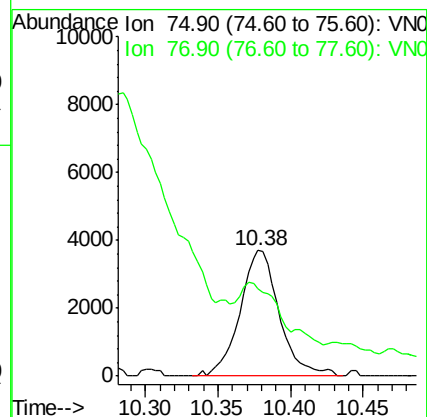
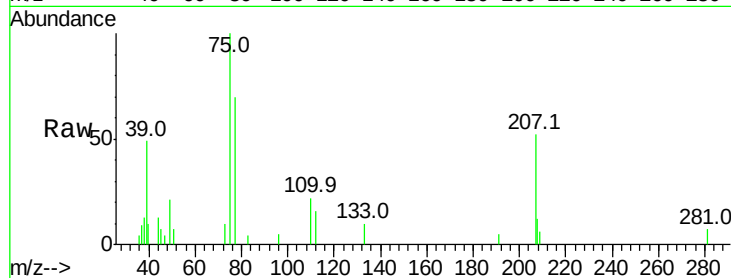
VSTDIC001

Tgt Ion: 75 Resp: 6994

Ion Ratio Lower Upper

75 100

77 43.9 25.3 37.9#



#54

cis-1,3-Dichloropropene

Concen: 0.992 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

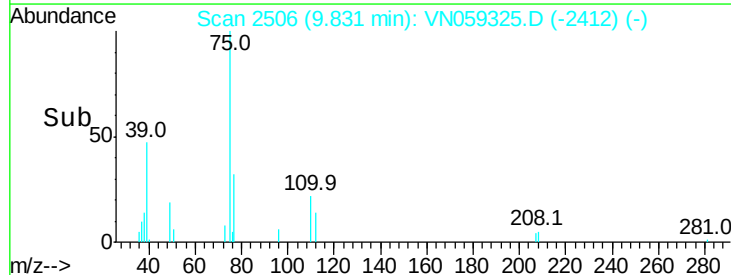
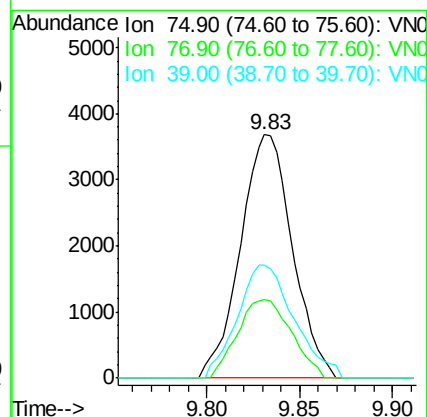
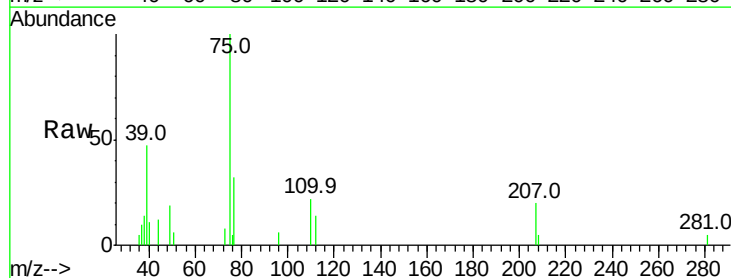
Tgt Ion: 75 Resp: 7165

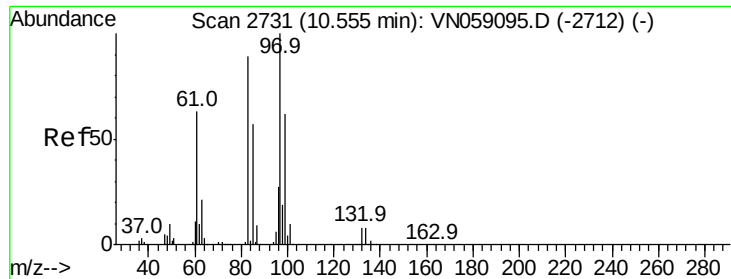
Ion Ratio Lower Upper

75 100

77 32.3 25.5 38.3

39 46.5 37.3 55.9

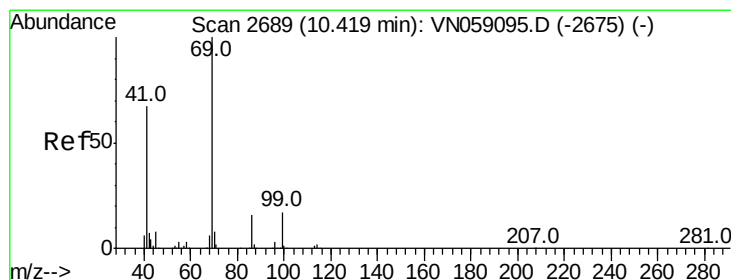
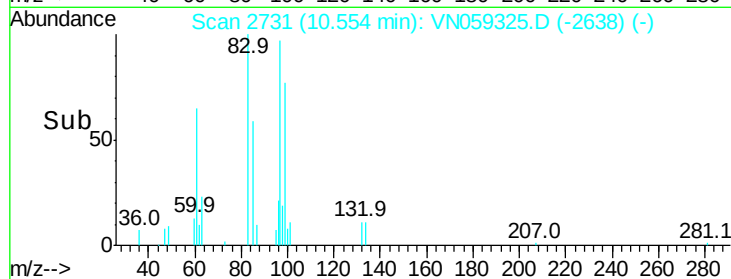
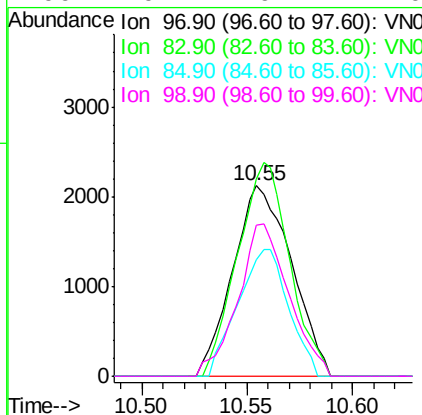
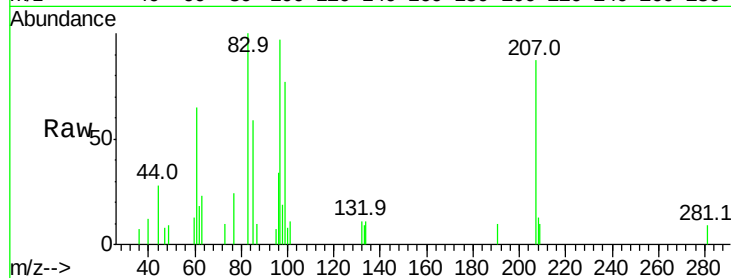




#55
 1,1,2-Trichloroethane
 Concen: 0.981 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059325.D
 Acq: 20 Nov 2019 13:57

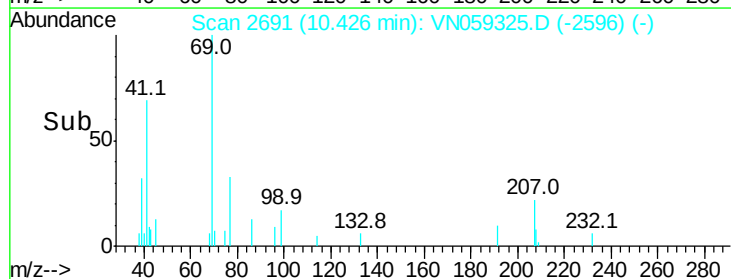
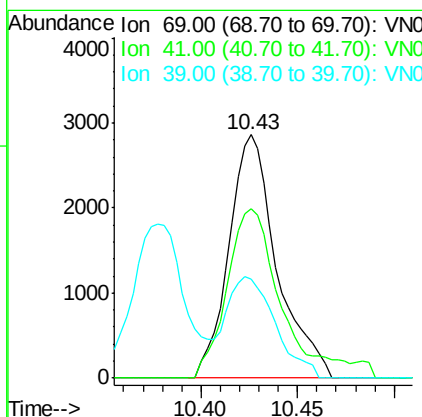
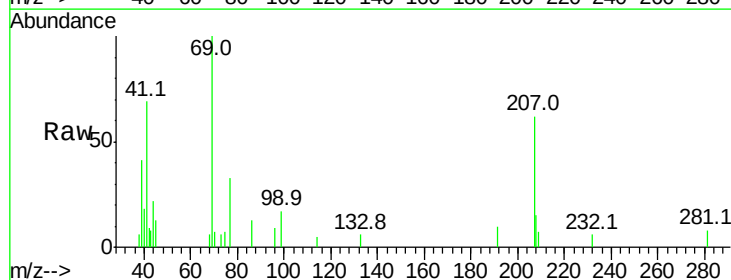
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

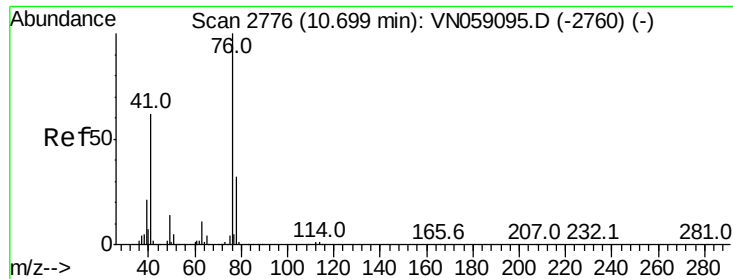
Tgt Ion: 97 Resp: 4094
 Ion Ratio Lower Upper
 97 100
 83 103.5 71.0 106.4
 85 61.1 45.8 68.8
 99 79.4 49.4 74.0#



#56
 Ethyl methacrylate
 Concen: 0.795 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. 0.01 min
 Lab File: VN059325.D
 Acq: 20 Nov 2019 13:57

Tgt Ion: 69 Resp: 4922
 Ion Ratio Lower Upper
 69 100
 41 77.8 53.6 80.4
 39 44.3 26.2 39.4#

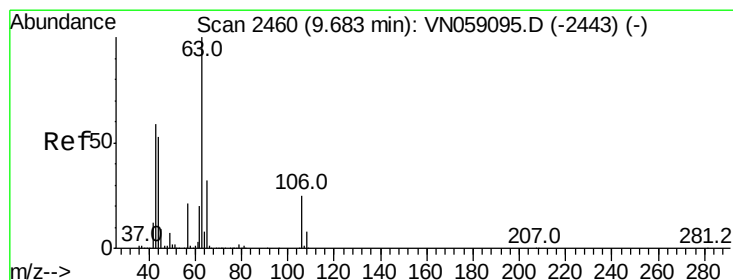
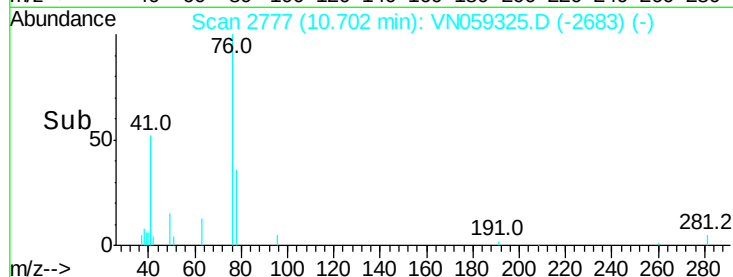
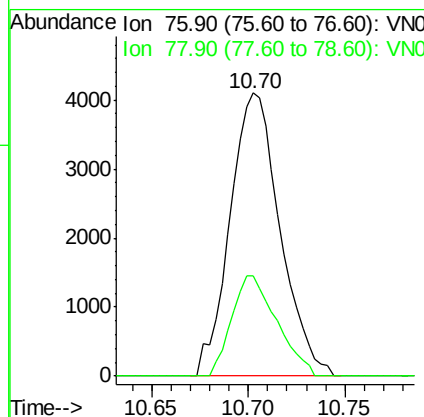
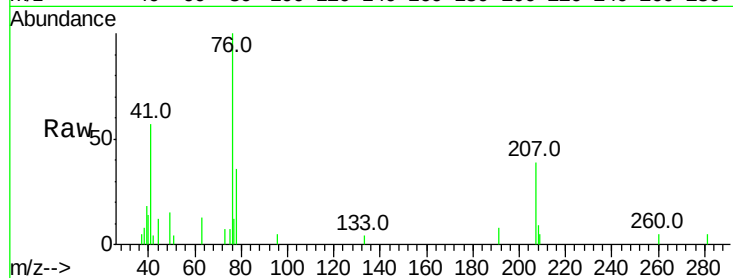




#57
 1,3-Dichloropropane
 Concen: 1.023 ug/l
 RT: 10.70 min Scan# 2777
 Delta R.T. 0.00 min
 Lab File: VN059325.D
 Acq: 20 Nov 2019 13:57

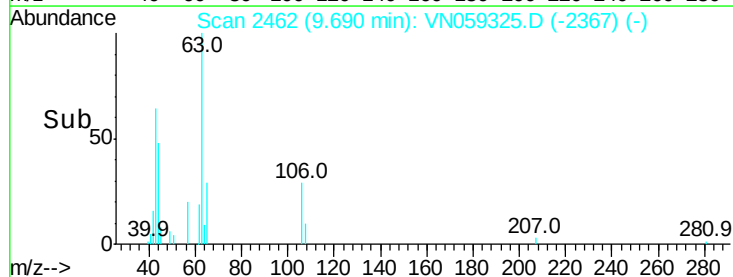
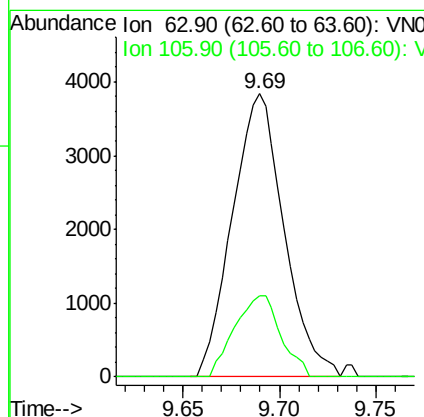
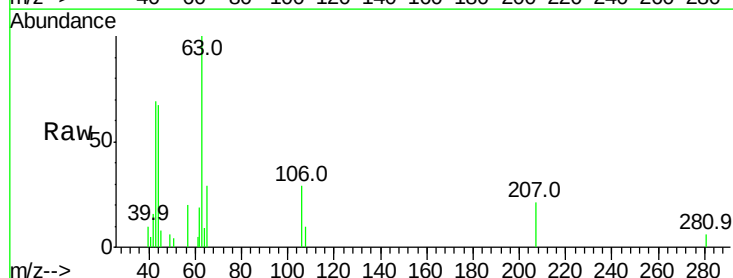
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

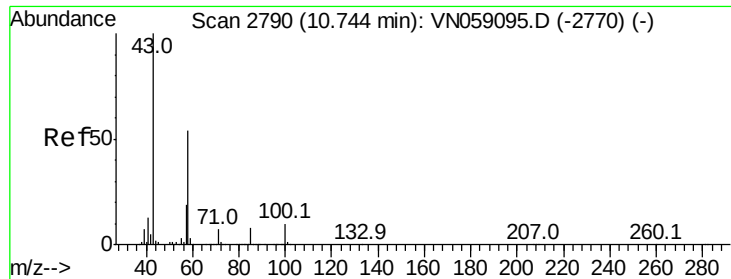
Tgt Ion: 76 Resp: 7344
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 3.070 ug/l
 RT: 9.69 min Scan# 2462
 Delta R.T. 0.01 min
 Lab File: VN059325.D
 Acq: 20 Nov 2019 13:57

Tgt Ion: 63 Resp: 7128
 Ion Ratio Lower Upper
 63 100
 106 25.6 20.2 30.2

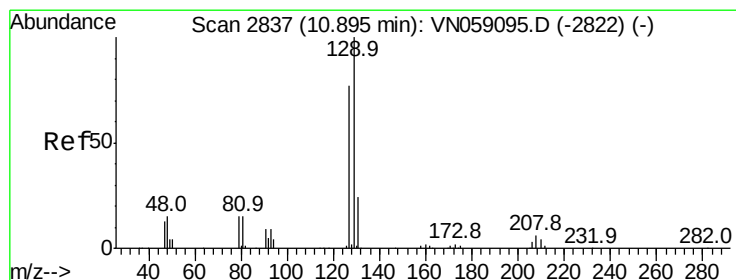
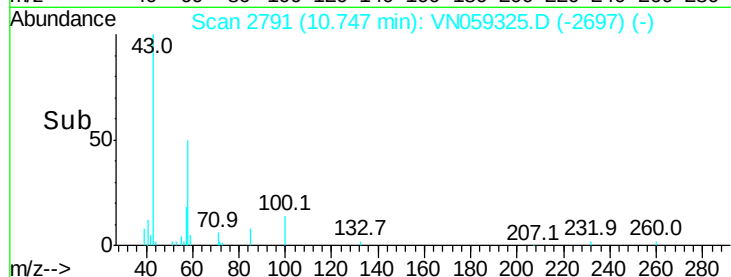
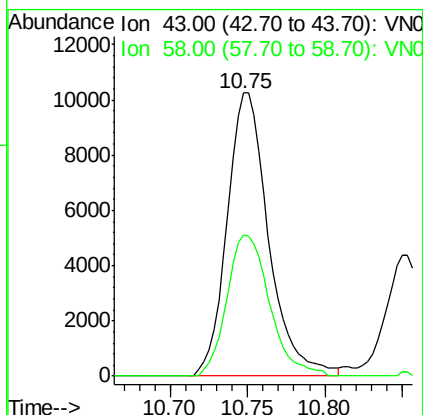
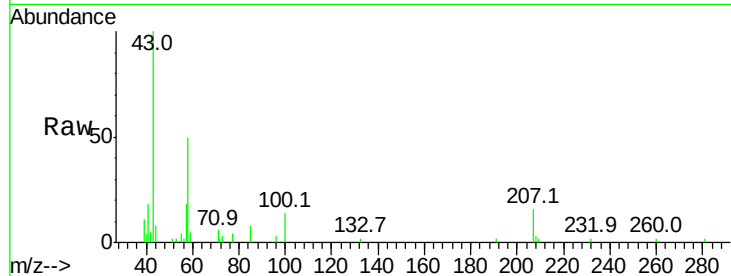




#59
2-Hexanone
Concen: 4.338 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059325.D
Acq: 20 Nov 2019 13:57

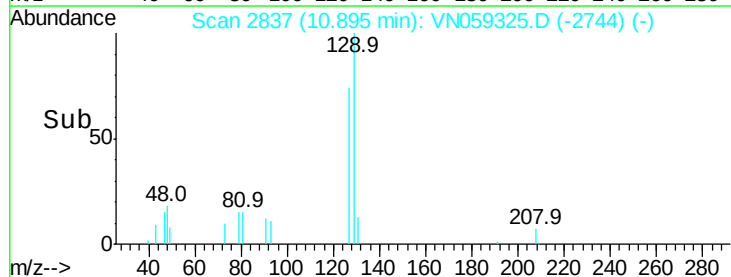
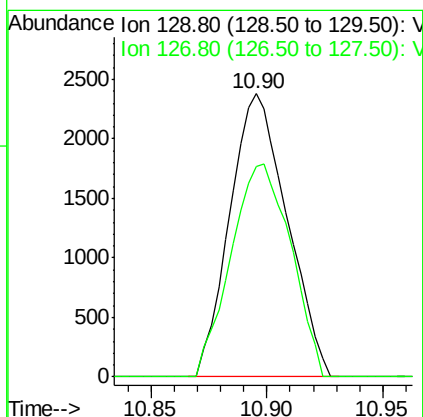
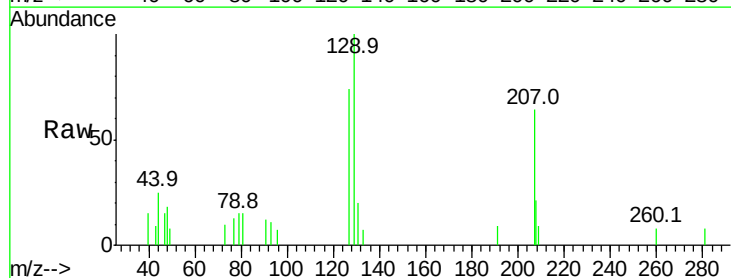
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

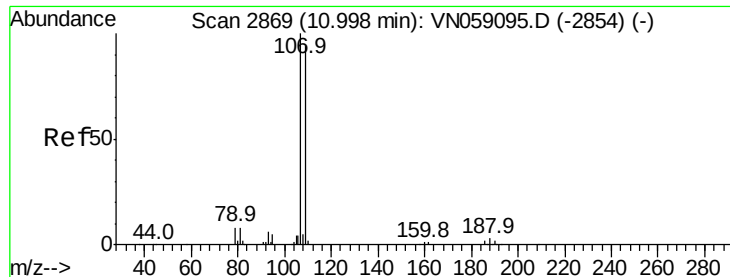
Tgt Ion: 43 Resp: 19083
Ion Ratio Lower Upper
43 100
58 51.2 27.3 81.8



#60
Dibromochloromethane
Concen: 0.926 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059325.D
Acq: 20 Nov 2019 13:57

Tgt Ion: 129 Resp: 4084
Ion Ratio Lower Upper
129 100
127 78.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 1.036 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.01 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

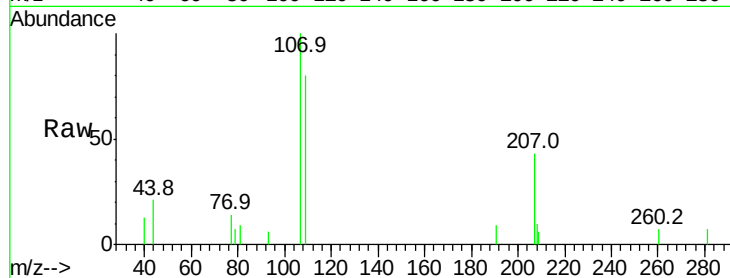
VSTDIC001

Tgt Ion: 107 Resp: 4375

Ion Ratio Lower Upper

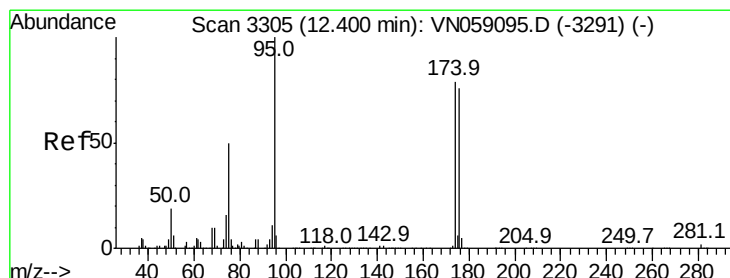
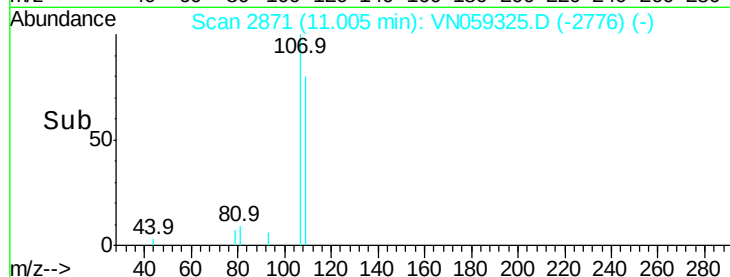
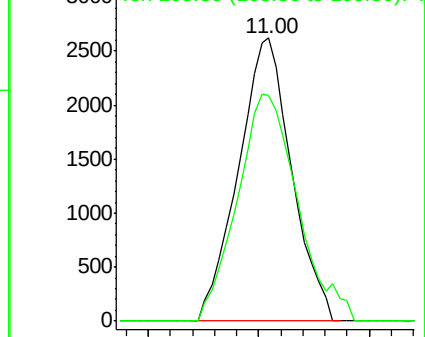
107 100

109 90.8 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 1.269 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

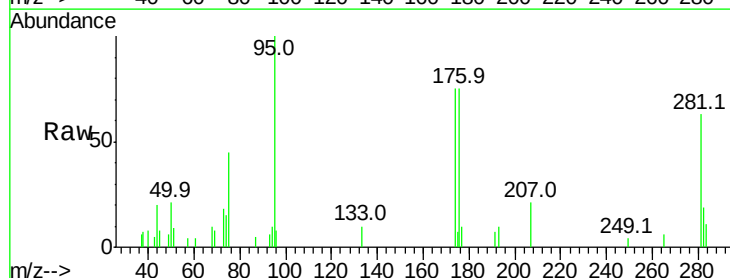
Tgt Ion: 95 Resp: 6574

Ion Ratio Lower Upper

95 100

174 78.9 0.0 158.2

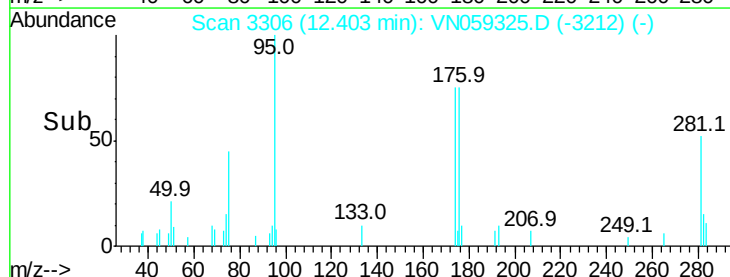
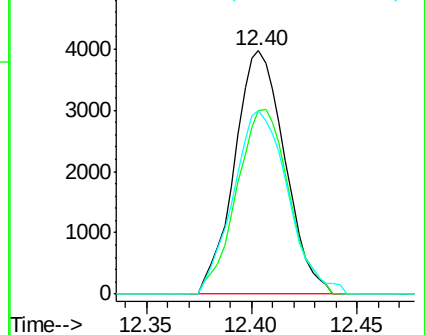
176 81.9 0.0 151.8

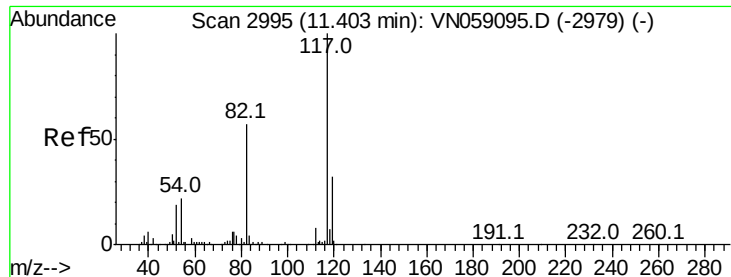


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

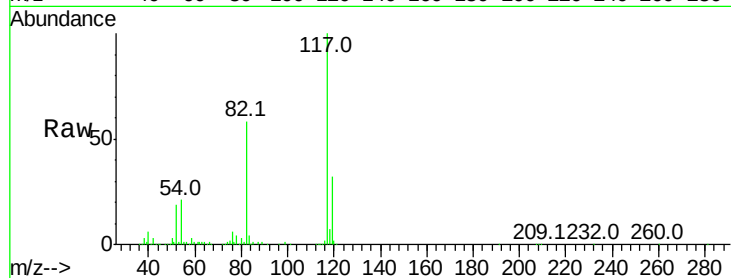
Tgt Ion:117 Resp: 515848

Ion Ratio Lower Upper

117 100

82 57.6 45.8 68.8

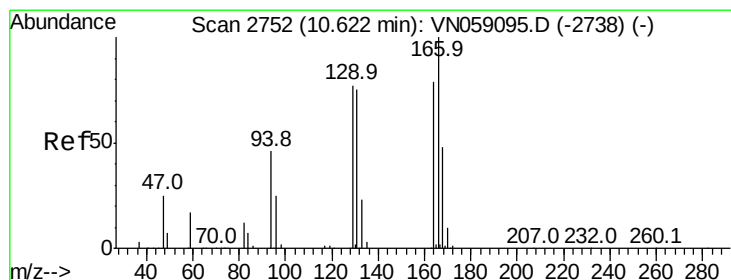
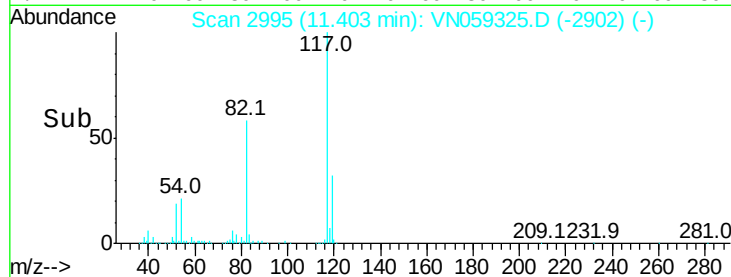
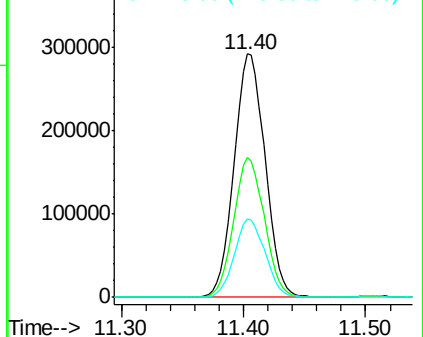
119 32.0 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 1.347 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. 0.01 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

Tgt Ion:164 Resp: 4724

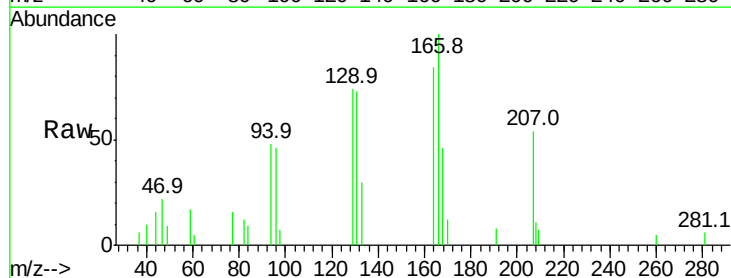
Ion Ratio Lower Upper

164 100

166 118.8 101.5 152.3

129 88.4 78.3 117.5

131 87.2 75.9 113.9

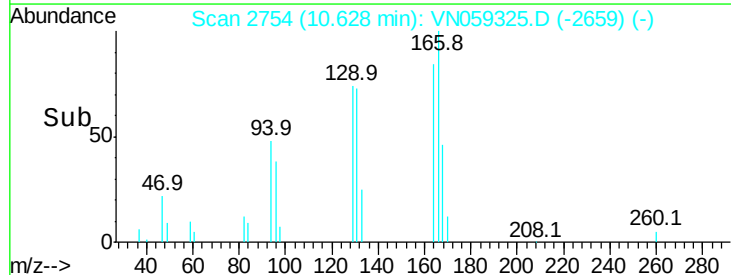
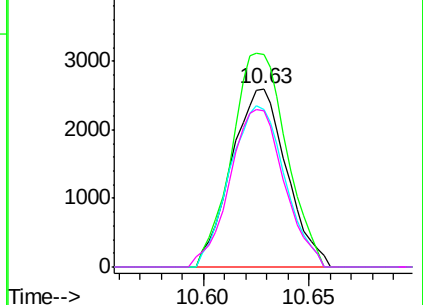


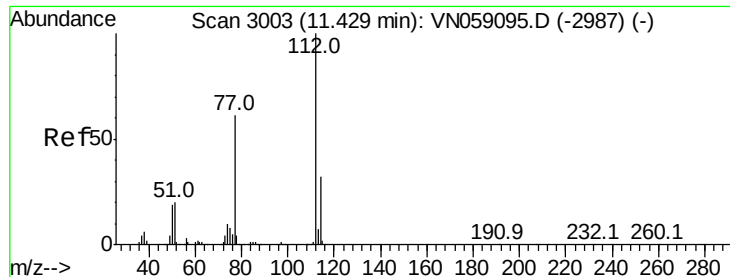
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 1.161 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

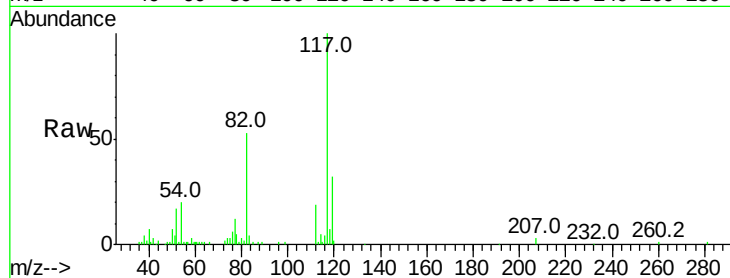
VSTDIC001

Tgt Ion:112 Resp: 11677

Ion Ratio Lower Upper

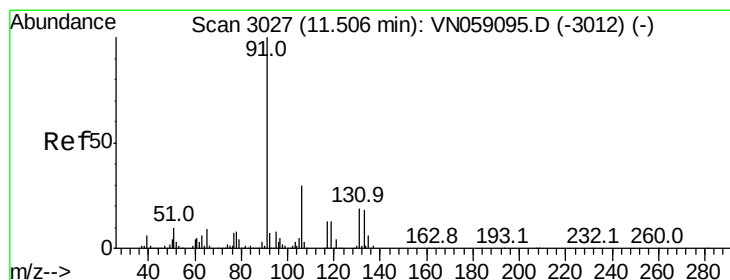
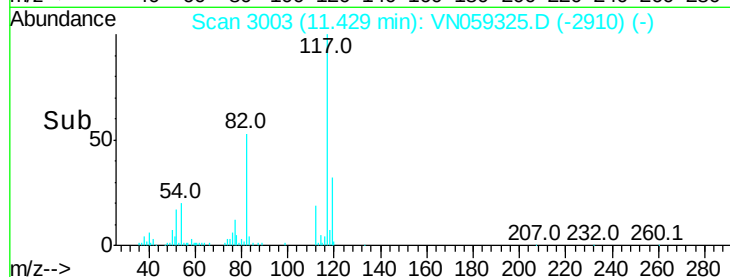
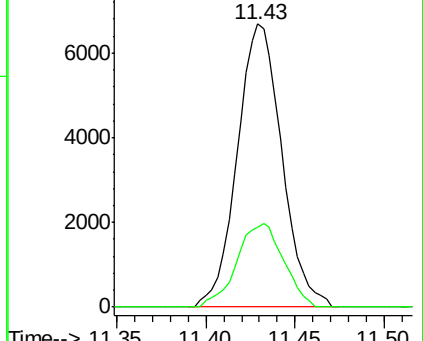
112 100

114 28.4 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 1.016 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

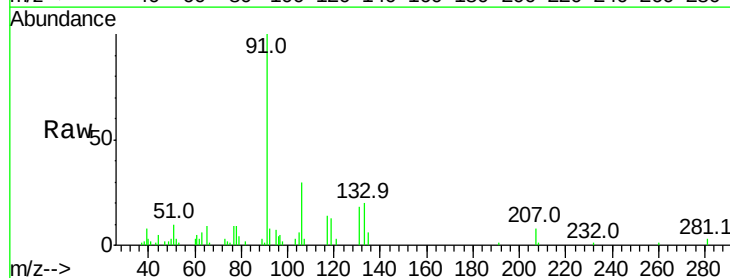
Tgt Ion:131 Resp: 3832

Ion Ratio Lower Upper

131 100

133 121.1 47.4 142.3

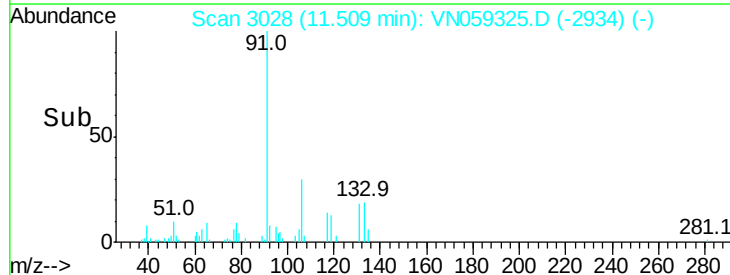
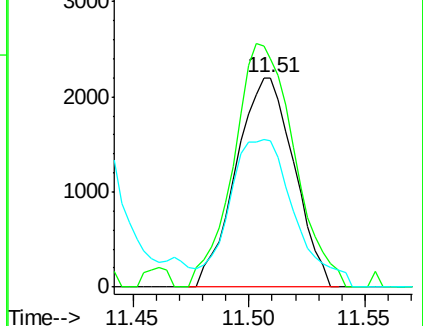
119 0.0 33.2 99.6#

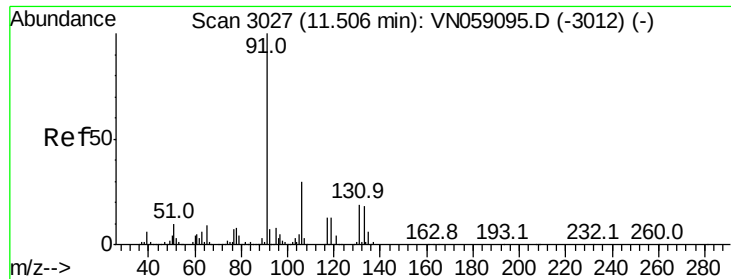


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 1.143 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

Instrument :

MSVOA_N

ClientSampled :

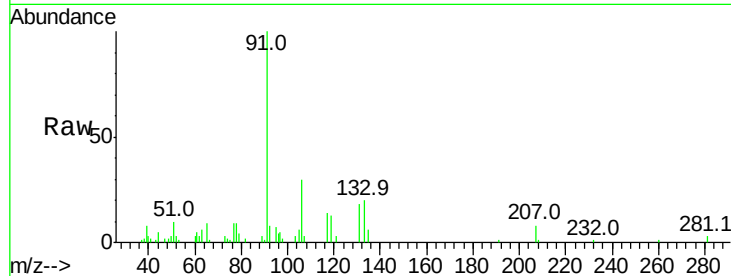
VSTDIC001

Tgt Ion: 91 Resp: 20384

Ion Ratio Lower Upper

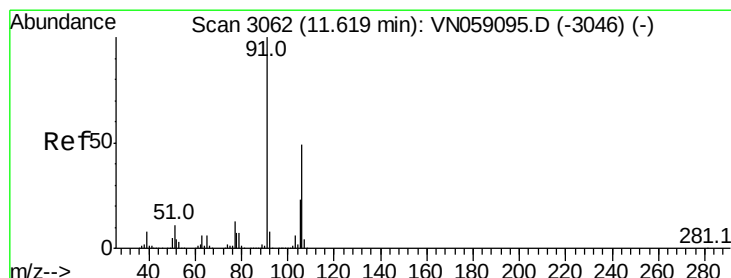
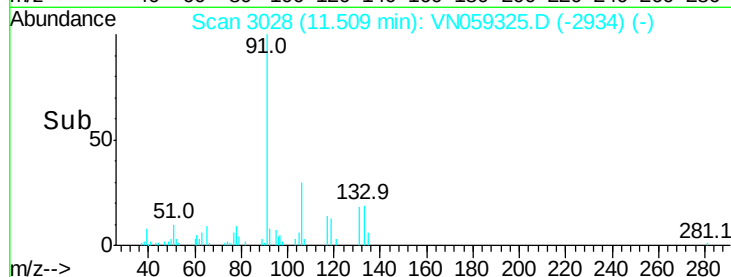
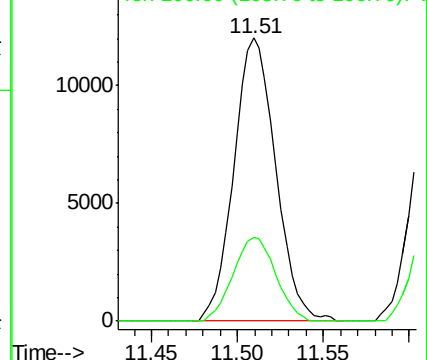
91 100

106 29.8 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 2.177 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059325.D

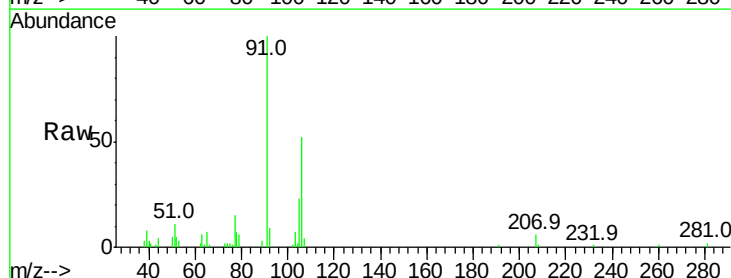
Acq: 20 Nov 2019 13:57

Tgt Ion: 106 Resp: 14548

Ion Ratio Lower Upper

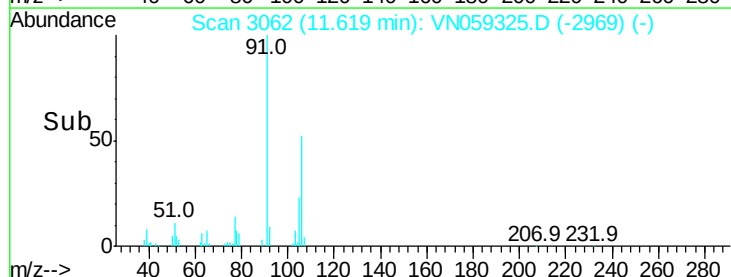
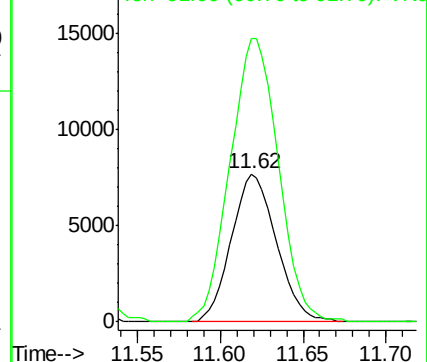
106 100

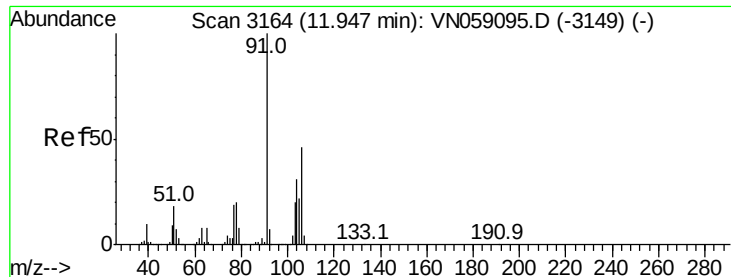
91 204.9 164.7 247.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

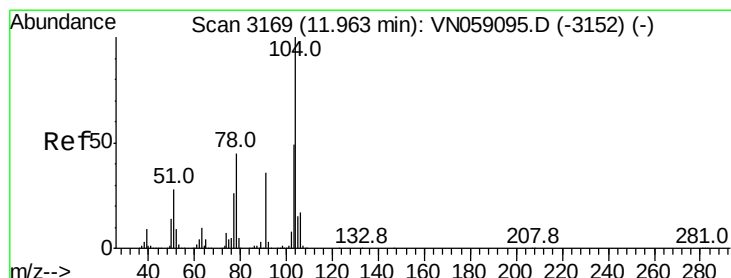
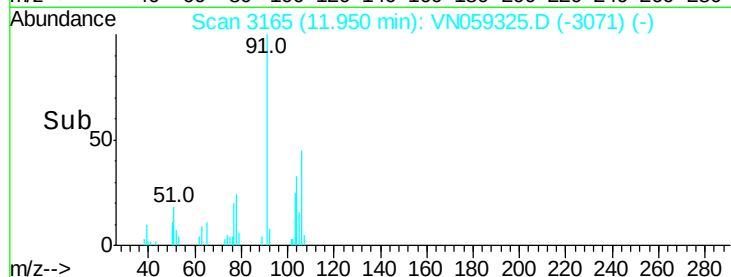
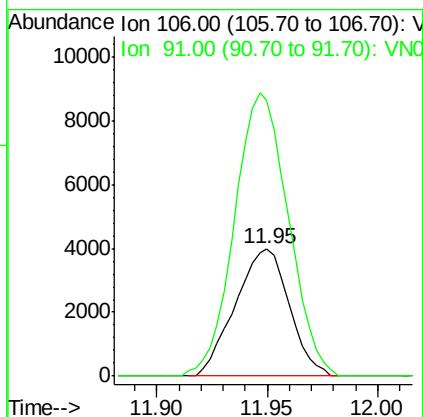
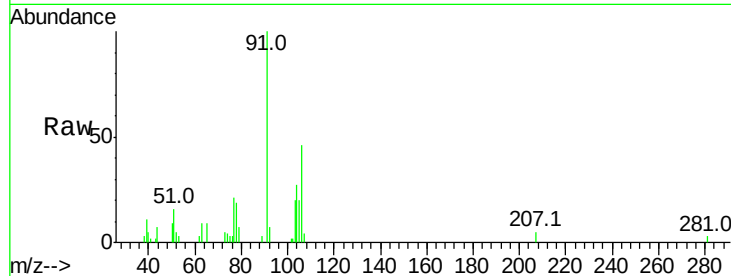




#69
o-Xylene
Concen: 1.046 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN059325.D
Acq: 20 Nov 2019 13:57

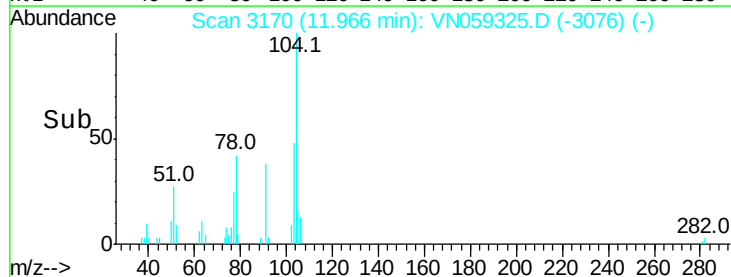
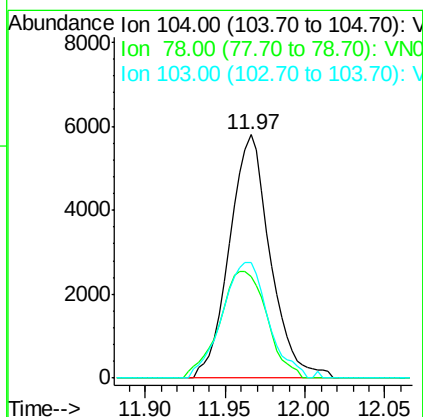
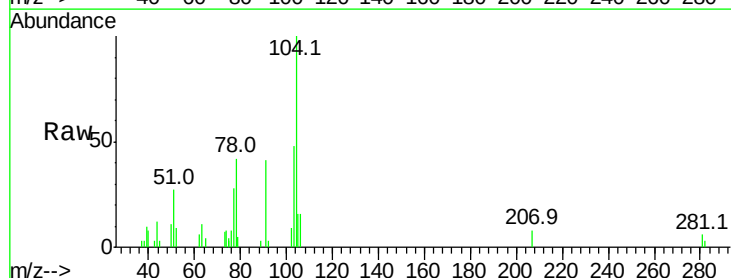
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

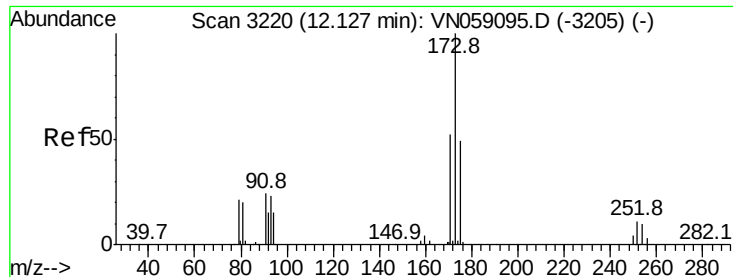
Tgt Ion:106 Resp: 6757
Ion Ratio Lower Upper
106 100
91 221.6 110.1 330.3



#70
Styrene
Concen: 0.990 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN059325.D
Acq: 20 Nov 2019 13:57

Tgt Ion:104 Resp: 10061
Ion Ratio Lower Upper
104 100
78 51.3 41.2 61.8
103 53.7 43.8 65.6

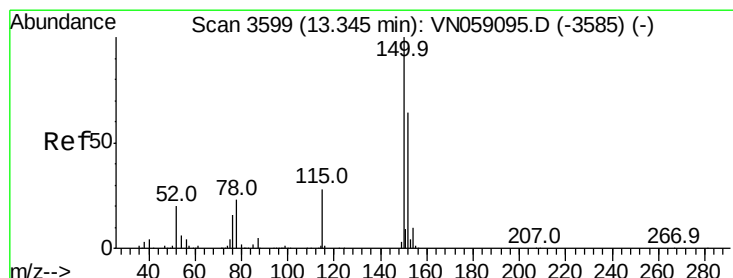
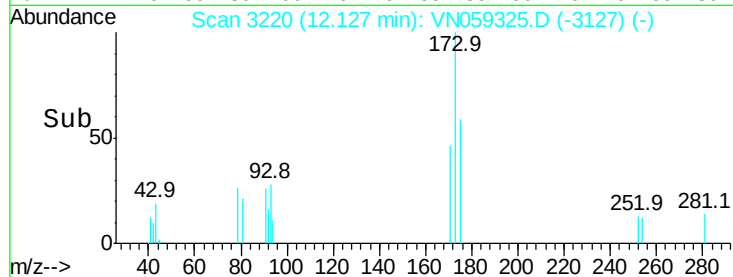
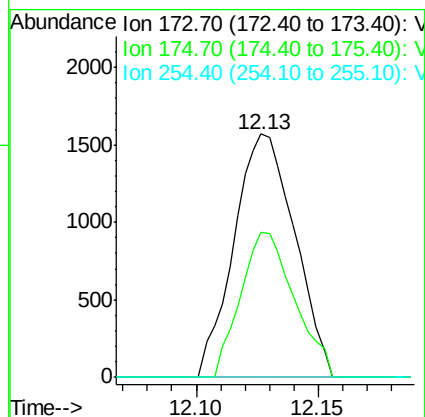
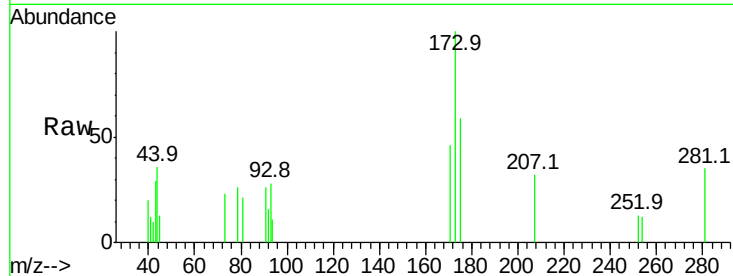




#71
Bromoform
Concen: 0.924 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN059325.D
Acq: 20 Nov 2019 13:57

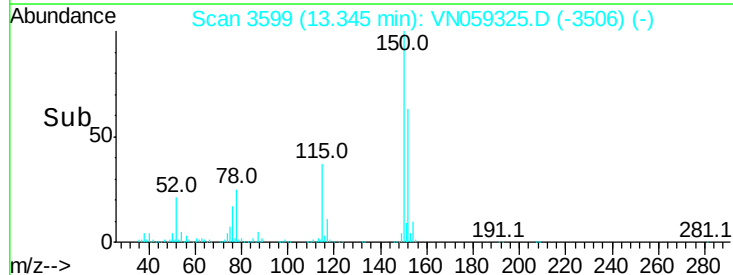
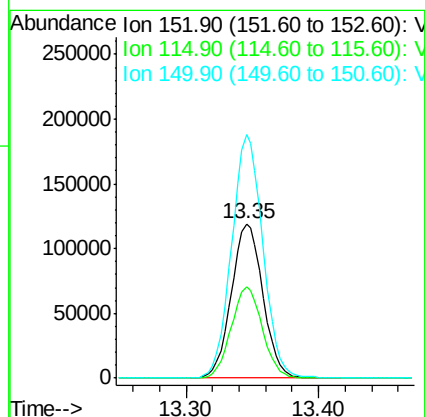
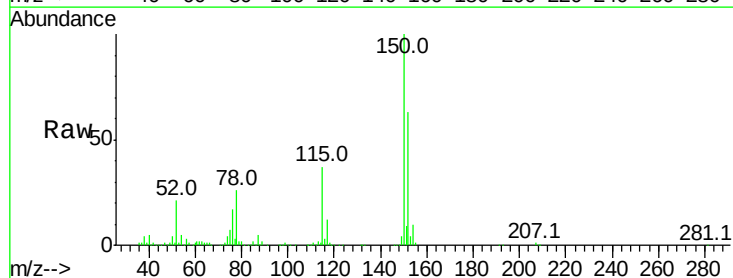
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

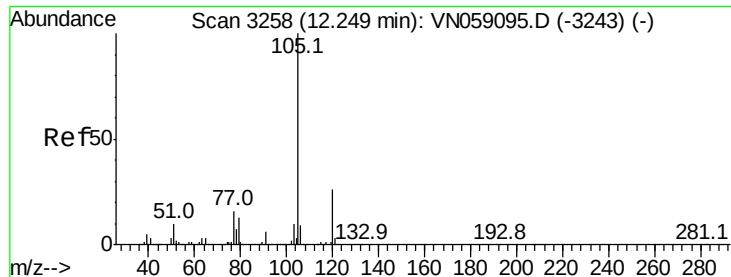
Tgt Ion:173 Resp: 2712
Ion Ratio Lower Upper
173 100
175 52.8 24.2 72.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059325.D
Acq: 20 Nov 2019 13:57

Tgt Ion:152 Resp: 196576
Ion Ratio Lower Upper
152 100
115 57.8 29.4 88.2
150 155.6 0.0 345.8





#73

Isopropylbenzene

Concen: 1.274 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

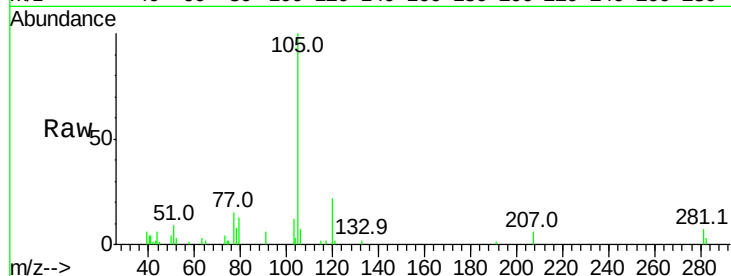
VSTDIC001

Tgt Ion: 105 Resp: 18218

Ion Ratio Lower Upper

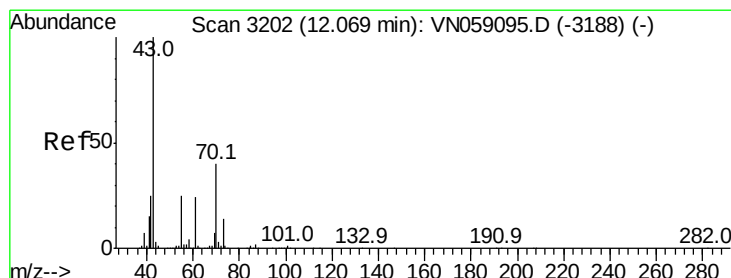
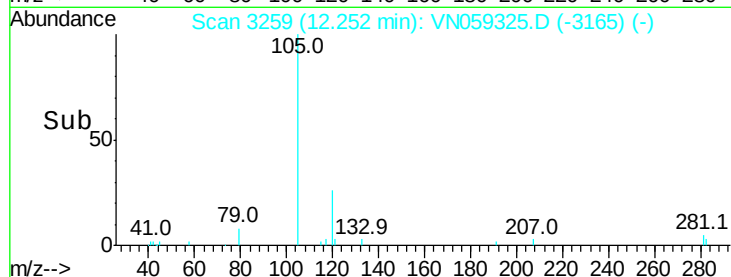
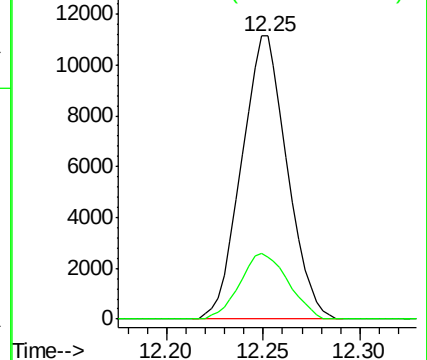
105 100

120 24.6 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: 1.095 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

Tgt Ion: 43 Resp: 6633

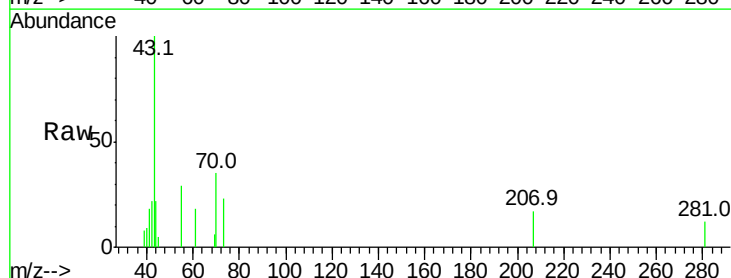
Ion Ratio Lower Upper

43 100

70 36.5 32.2 48.4

55 25.2 20.4 30.6

61 18.7 19.3 28.9#

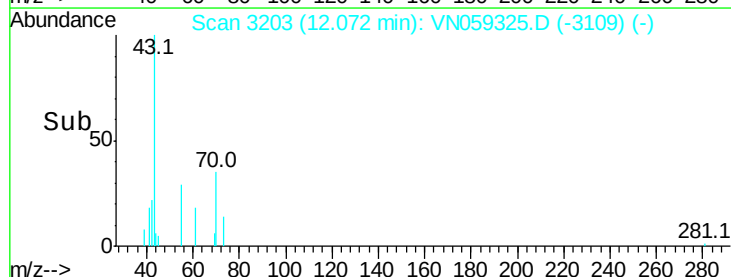
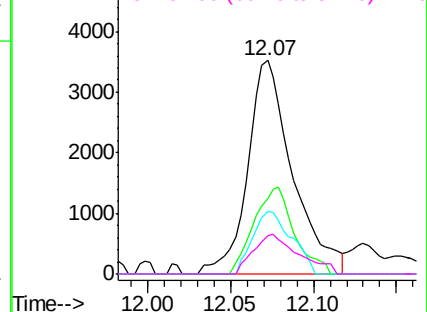


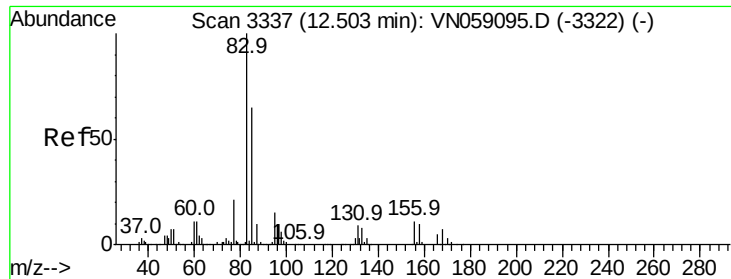
Abundance Ion 43.00 (42.70 to 43.70): V

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: 1.241 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

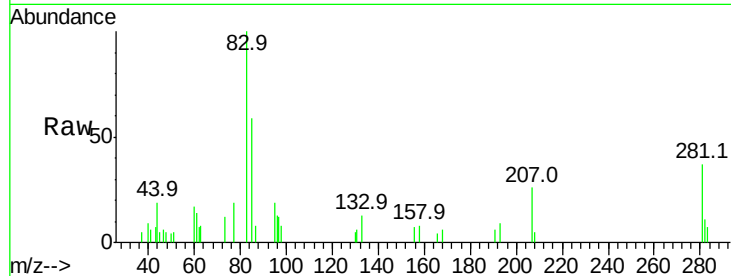
Tgt Ion: 83 Resp: 6043

Ion Ratio Lower Upper

83 100

131 3.4 4.9 14.6#

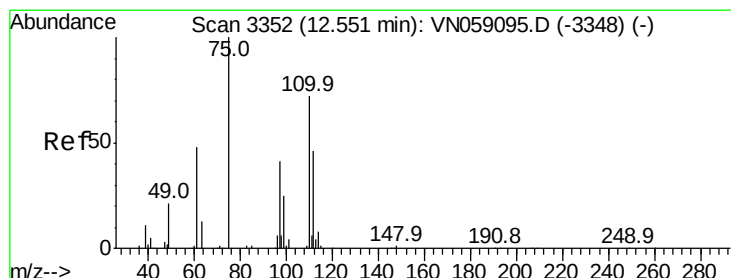
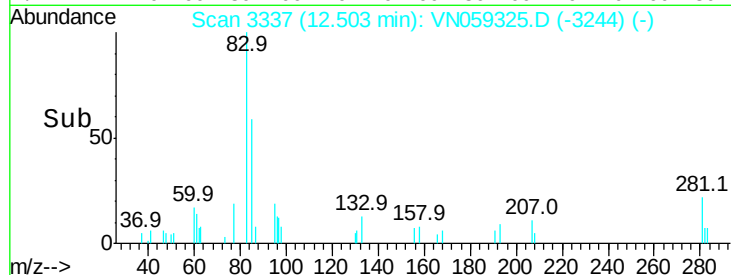
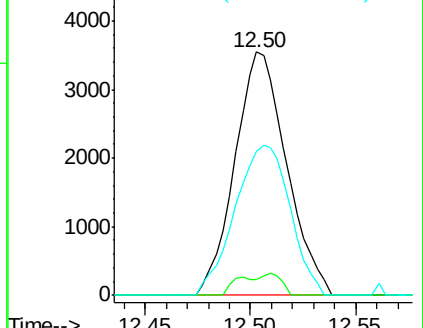
85 65.7 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 1.805 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.01 min

Lab File: VN059325.D

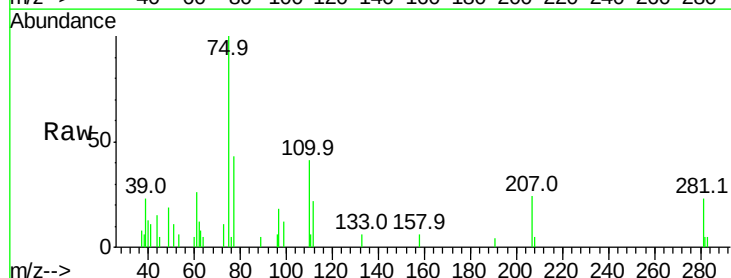
Acq: 20 Nov 2019 13:57

Tgt Ion: 75 Resp: 8079

Ion Ratio Lower Upper

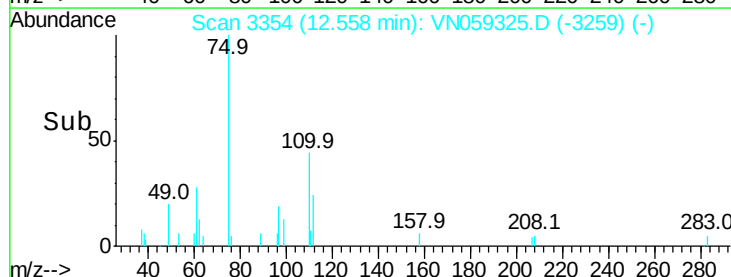
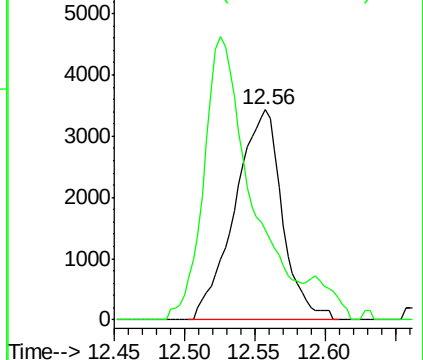
75 100

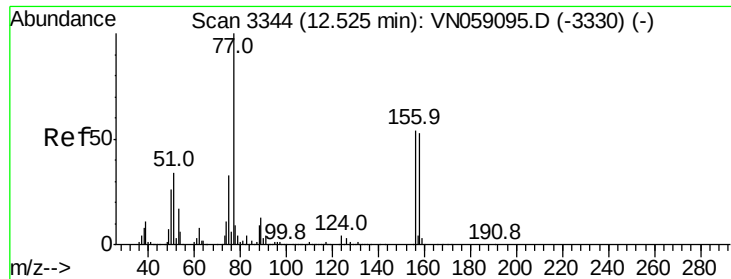
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

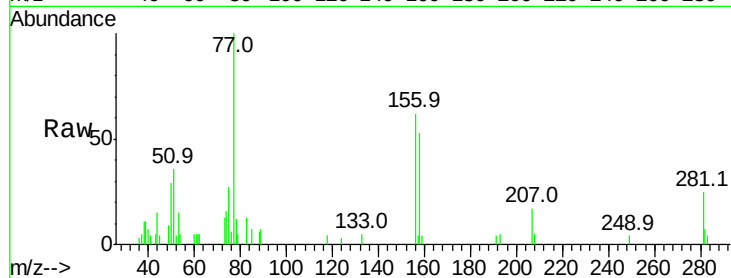




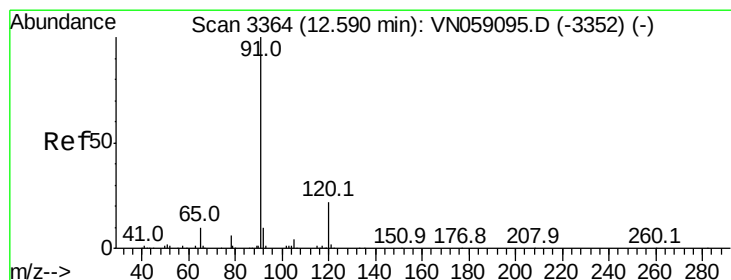
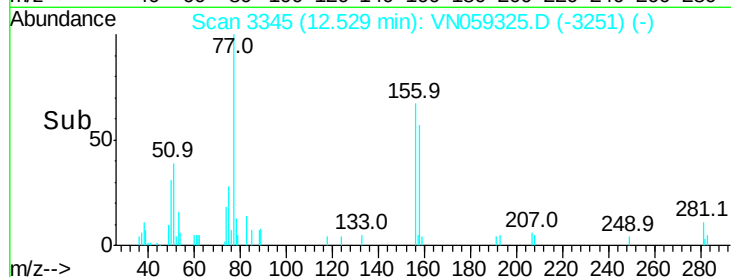
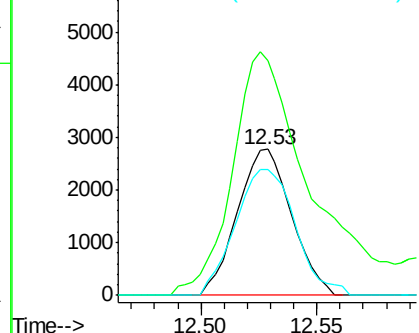
#77
 Bromobenzene
 Concen: 1.255 ug/l
 RT: 12.53 min Scan# 3345
 Delta R.T. 0.00 min
 Lab File: VN059325.D
 Acq: 20 Nov 2019 13:57

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tgt Ion:156 Resp: 4508
 Ion Ratio Lower Upper
 156 100
 77 237.5 112.8 338.3
 158 95.6 48.4 145.3

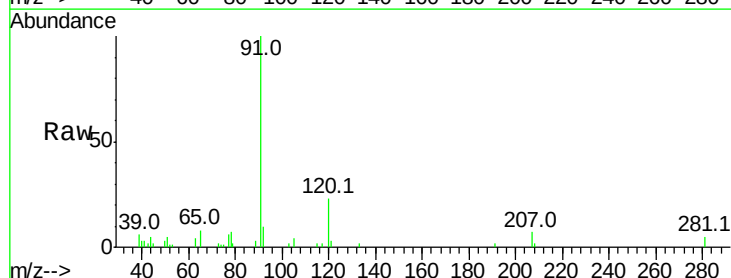


Abundance Ion 155.80 (155.50 to 156.50): V
 Ion 77.00 (76.70 to 77.70): VN
 Ion 157.80 (157.50 to 158.50): V

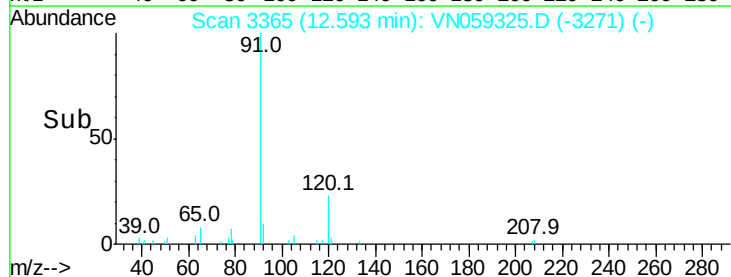
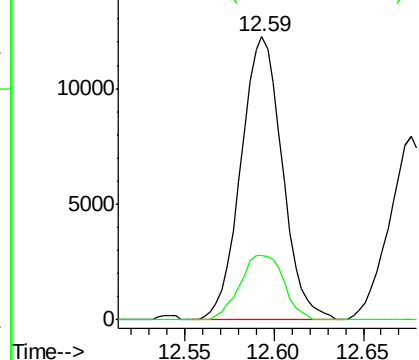


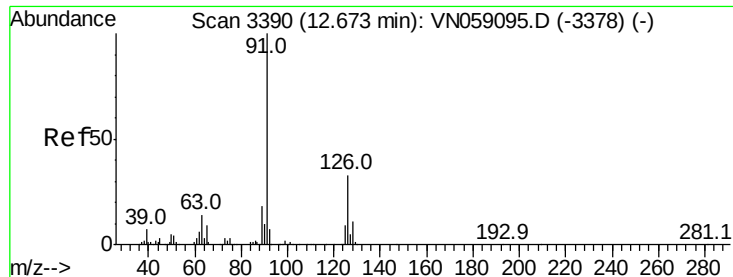
#78
 n-propylbenzene
 Concen: 1.214 ug/l
 RT: 12.59 min Scan# 3365
 Delta R.T. 0.00 min
 Lab File: VN059325.D
 Acq: 20 Nov 2019 13:57

Tgt Ion: 91 Resp: 19875
 Ion Ratio Lower Upper
 91 100
 120 24.2 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: 1.292 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

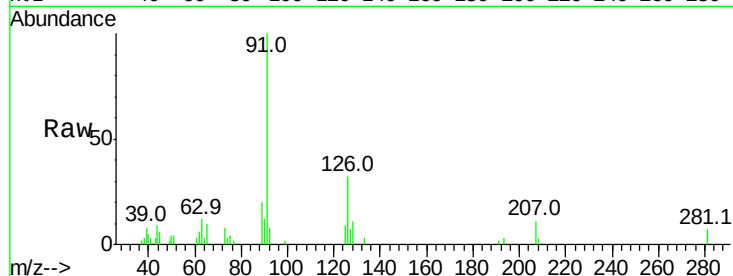
VSTDIC001

Tgt Ion: 91 Resp: 13121

Ion Ratio Lower Upper

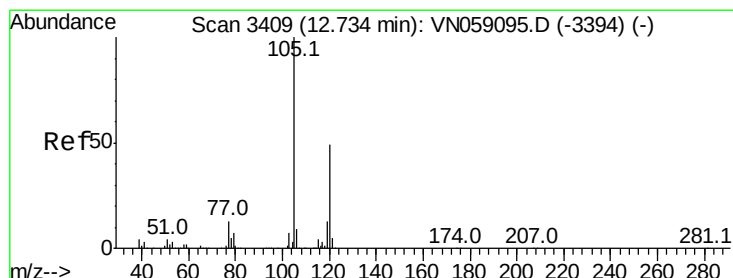
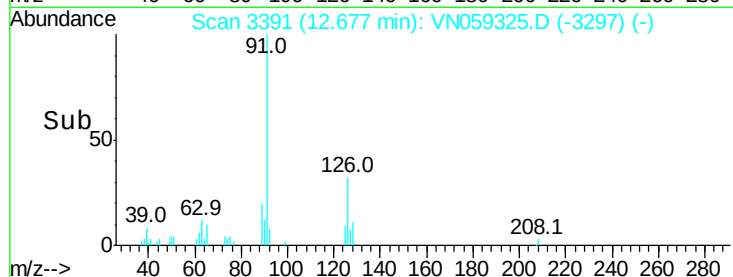
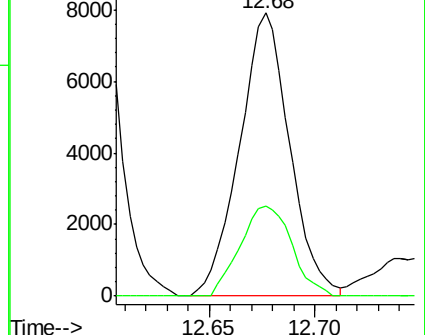
91 100

126 32.6 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN059095.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN059095.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.257 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059325.D

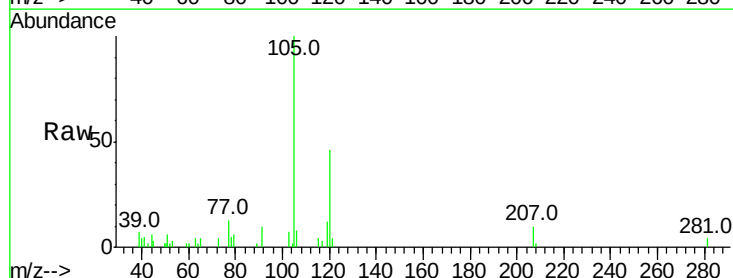
Acq: 20 Nov 2019 13:57

Tgt Ion: 105 Resp: 15232

Ion Ratio Lower Upper

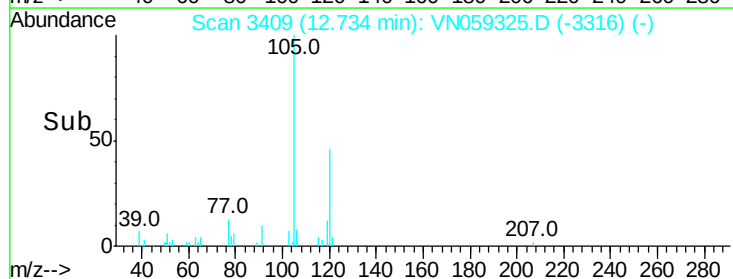
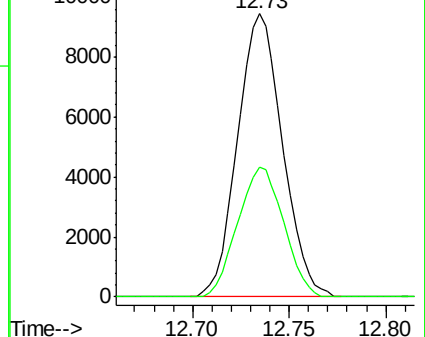
105 100

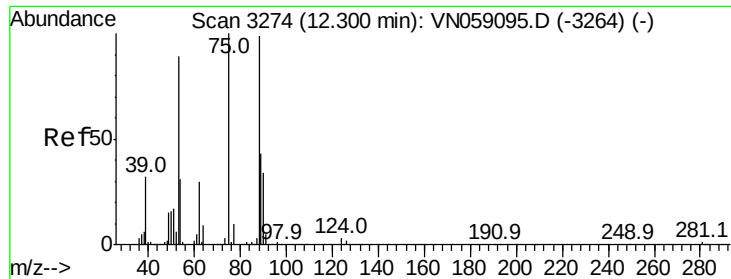
120 46.7 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): VN059095.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN059095.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 1.010 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

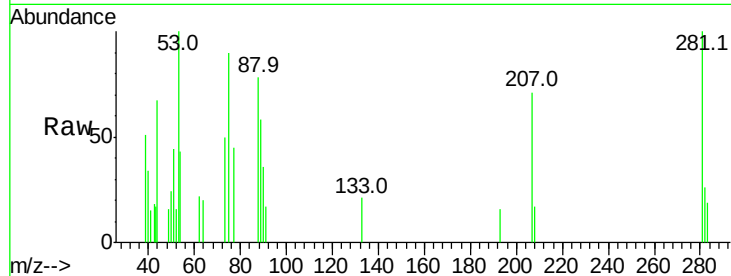
Tgt Ion: 75 Resp: 1712

Ion Ratio Lower Upper

75 100

53 111.3 72.2 108.2#

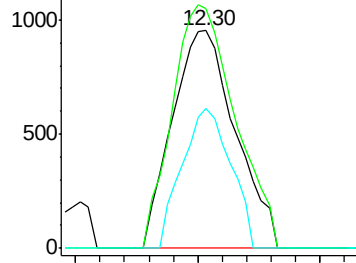
89 49.5 35.8 53.8



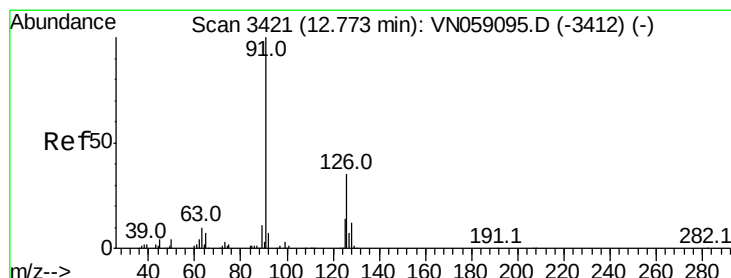
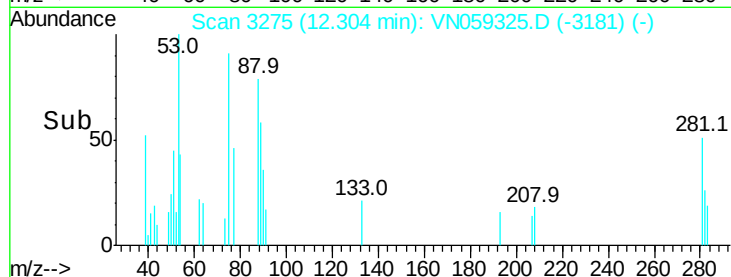
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



Time--> 12.25 12.30 12.35



#82

4-Chlorotoluene

Concen: 1.471 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN059325.D

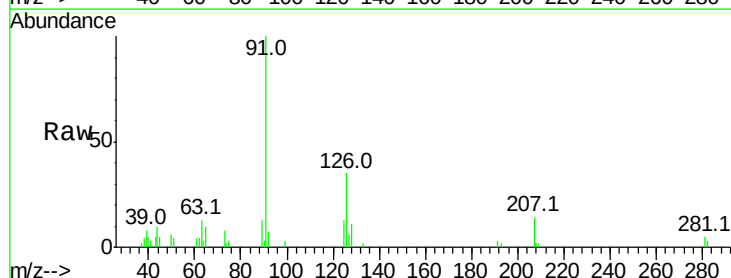
Acq: 20 Nov 2019 13:57

Tgt Ion: 91 Resp: 14987

Ion Ratio Lower Upper

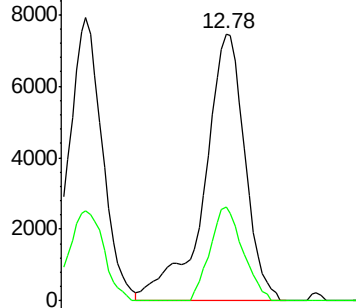
91 100

126 28.5 16.1 48.2

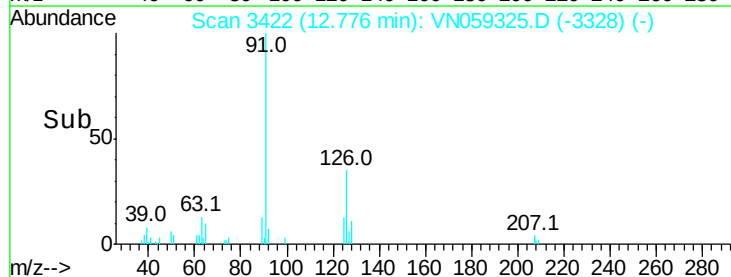


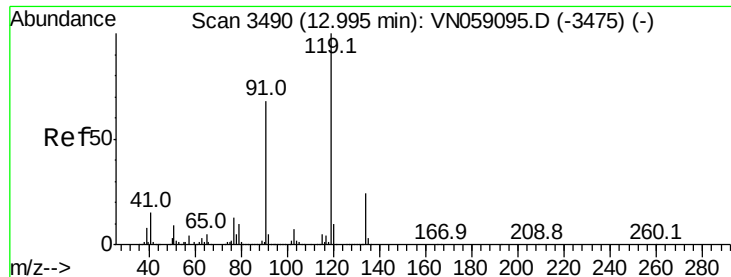
Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



Time--> 12.70 12.75 12.80 12.85

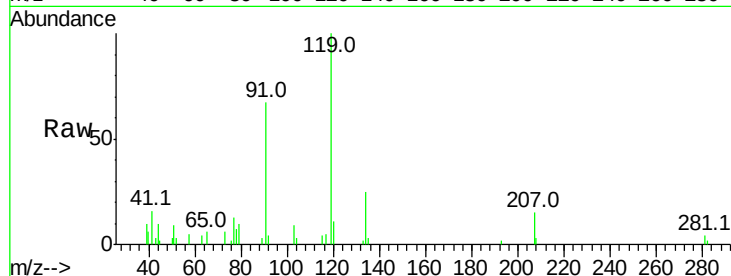




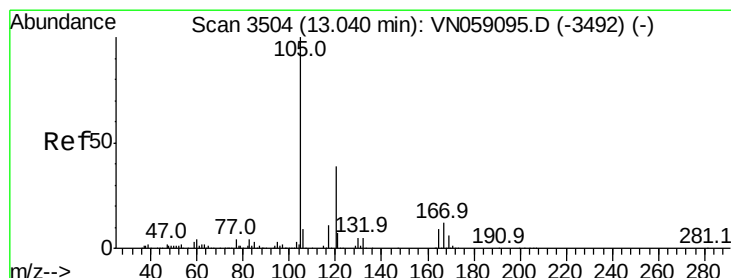
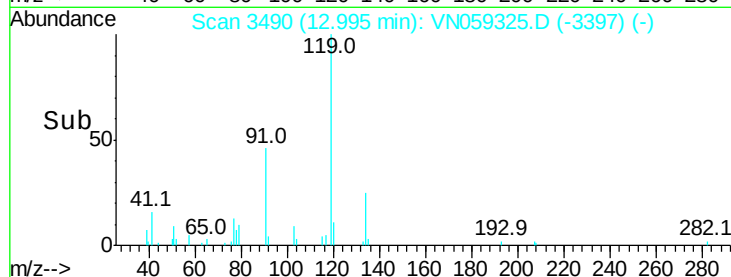
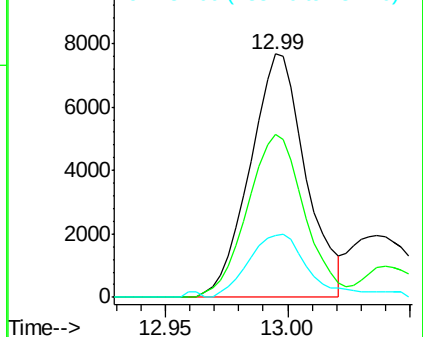
#83
 tert-Butylbenzene
 Concen: 1.162 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN059325.D
 Acq: 20 Nov 2019 13:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:119 Resp: 12156
 Ion Ratio Lower Upper
 119 100
 91 68.2 33.2 99.6
 134 28.5 12.7 38.1

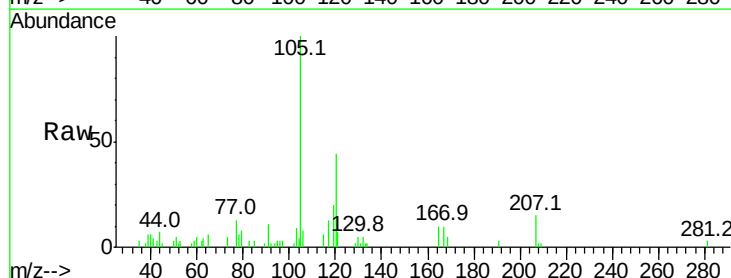


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

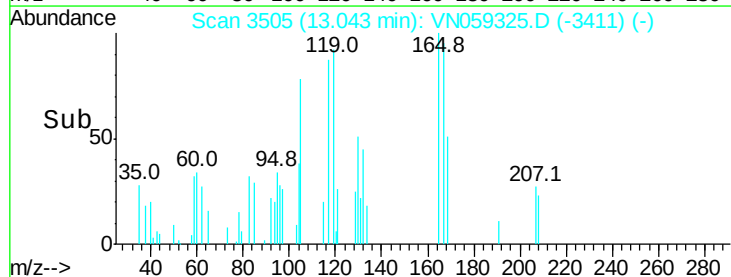
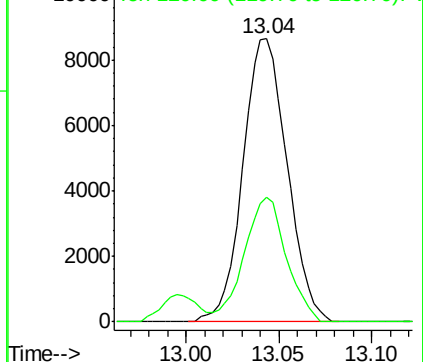


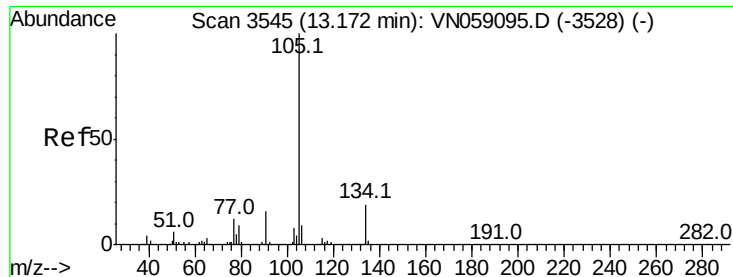
#84
 1,2,4-Trimethylbenzene
 Concen: 1.220 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN059325.D
 Acq: 20 Nov 2019 13:57

Tgt Ion:105 Resp: 14301
 Ion Ratio Lower Upper
 105 100
 120 41.9 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 1.235 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

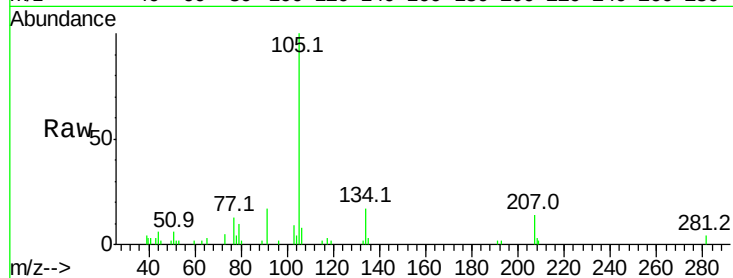
VSTDIC001

Tgt Ion:105 Resp: 16803

Ion Ratio Lower Upper

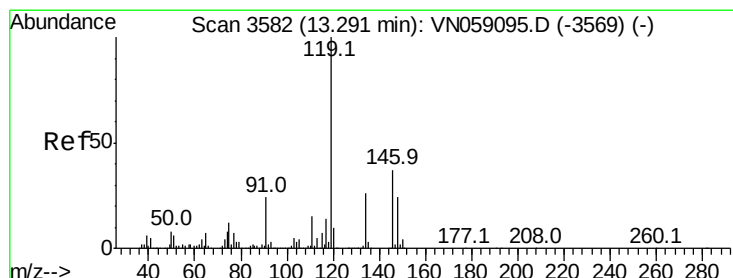
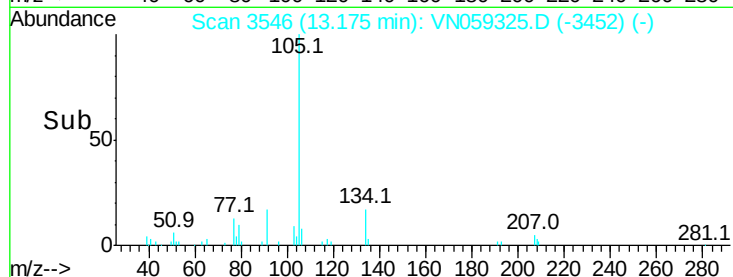
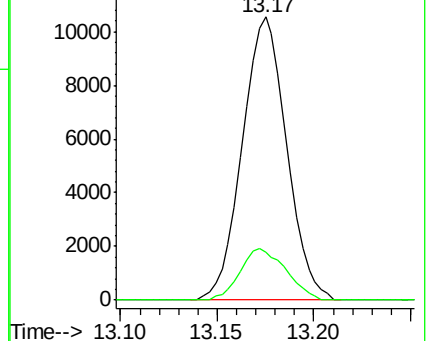
105 100

134 18.6 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: 1.191 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

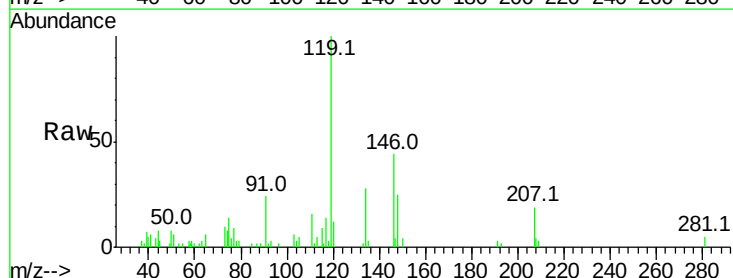
Tgt Ion:119 Resp: 14305

Ion Ratio Lower Upper

119 100

134 29.0 13.0 38.9

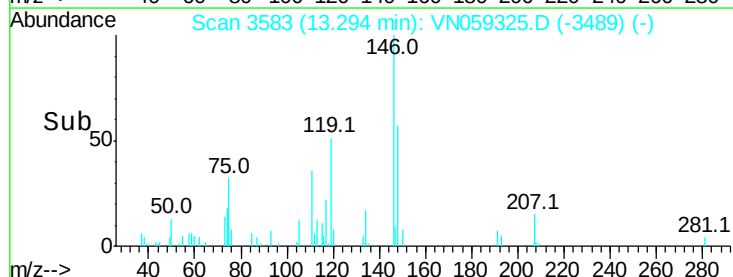
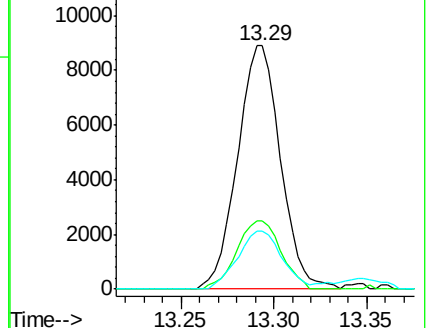
91 24.9 11.7 35.1

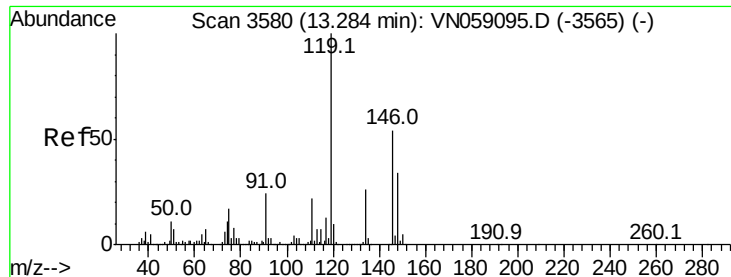


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 1.377 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

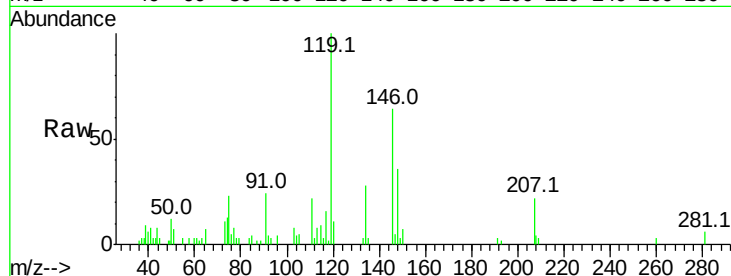
Tgt Ion:146 Resp: 8474

Ion Ratio Lower Upper

146 100

111 38.5 20.4 61.3

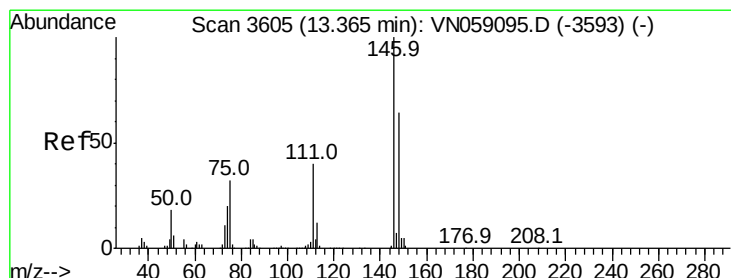
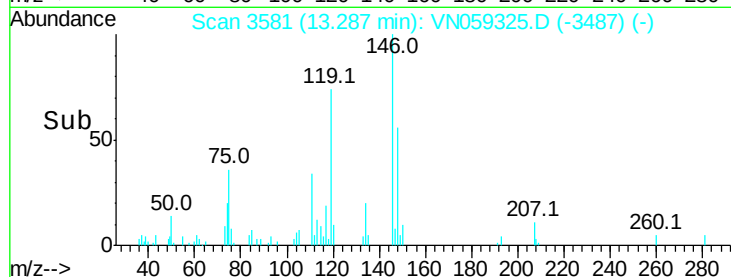
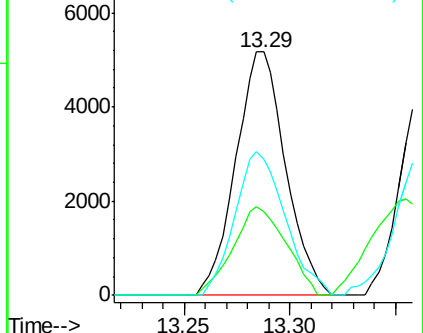
148 59.5 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 1.377 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.08 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

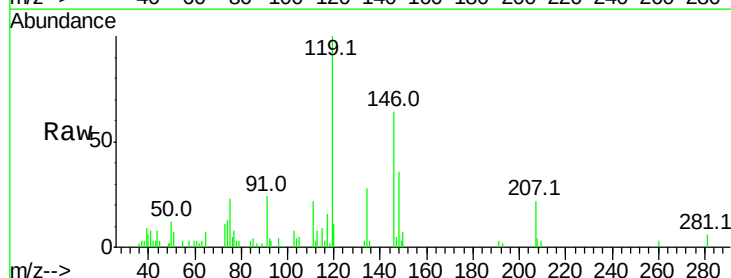
Tgt Ion:146 Resp: 8474

Ion Ratio Lower Upper

146 100

111 38.5 20.3 60.9

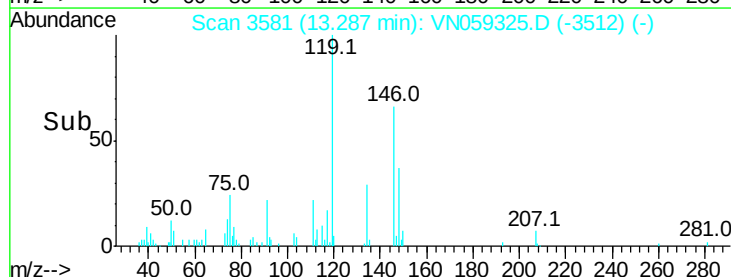
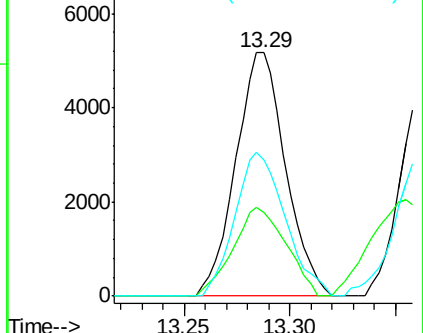
148 59.5 31.9 95.7

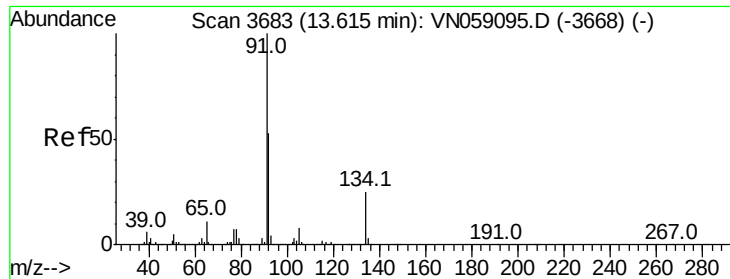


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 1.208 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

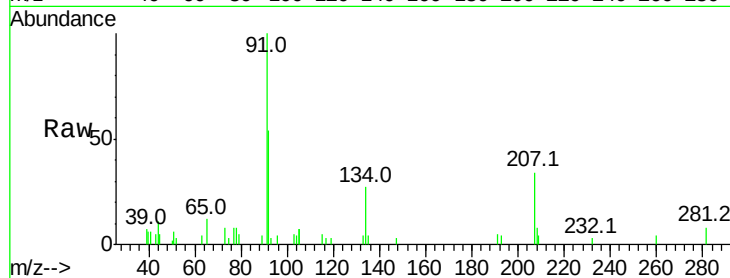
Tgt Ion: 91 Resp: 12699

Ion Ratio Lower Upper

91 100

92 51.6 26.1 78.3

134 27.5 12.6 37.8

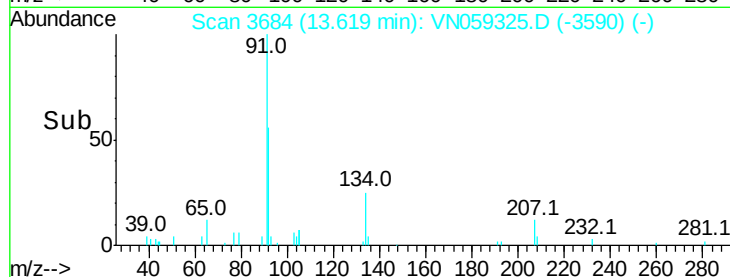


Abundance Ion 91.00 (90.70 to 91.70): VN059325.D (-3683) (-)

Ion 92.00 (91.70 to 92.70): VN059325.D (-3683) (-)

Ion 134.00 (133.70 to 134.70): VN059325.D (-3683) (-)

Time--> 13.55 13.60 13.65

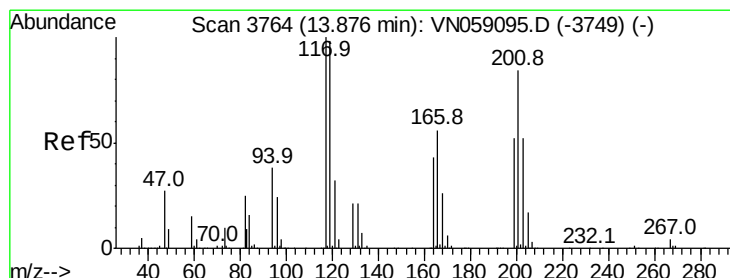


Abundance Ion 91.00 (90.70 to 91.70): VN059325.D (-3683) (-)

Ion 92.00 (91.70 to 92.70): VN059325.D (-3683) (-)

Ion 134.00 (133.70 to 134.70): VN059325.D (-3683) (-)

Time--> 13.55 13.60 13.65



#90

Hexachloroethane

Concen: 1.237 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN059325.D

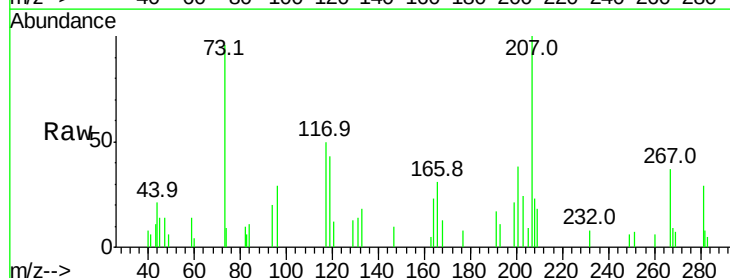
Acq: 20 Nov 2019 13:57

Tgt Ion: 117 Resp: 2985

Ion Ratio Lower Upper

117 100

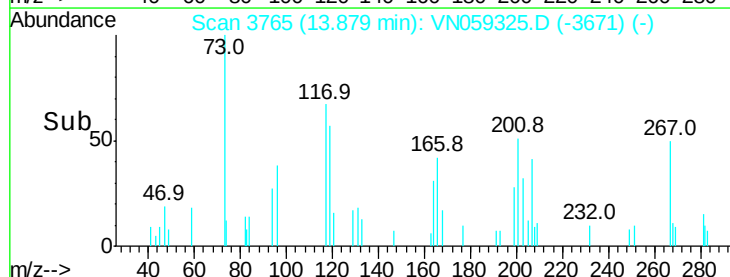
201 70.9 41.8 125.3



Abundance Ion 116.80 (116.50 to 117.50): VN059325.D (-3764) (-)

Ion 200.70 (200.40 to 201.40): VN059325.D (-3764) (-)

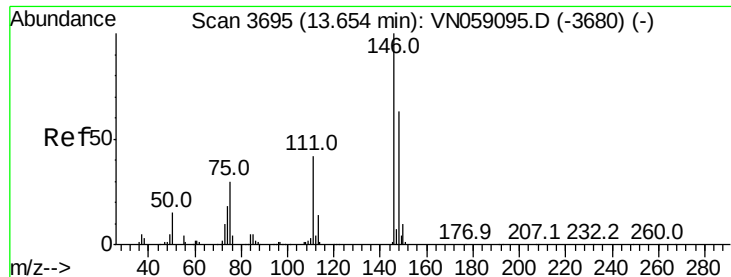
Time--> 13.85 13.90



Abundance Ion 116.80 (116.50 to 117.50): VN059325.D (-3764) (-)

Ion 200.70 (200.40 to 201.40): VN059325.D (-3764) (-)

Time--> 13.85 13.90



#91

1,2-Dichlorobenzene

Concen: 1.309 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

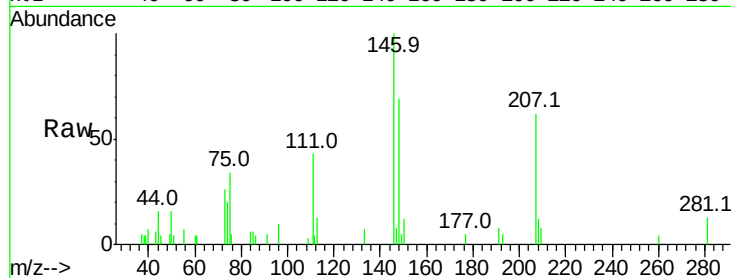
Tgt Ion:146 Resp: 7921

Ion Ratio Lower Upper

146 100

111 42.1 21.2 63.6

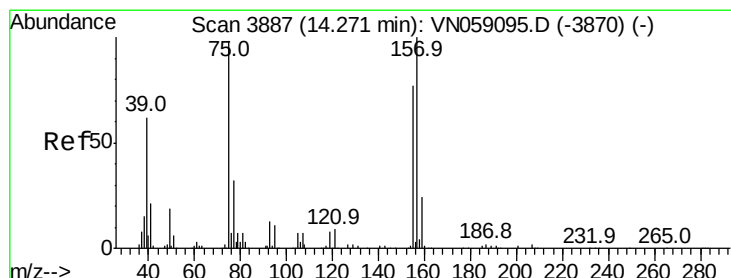
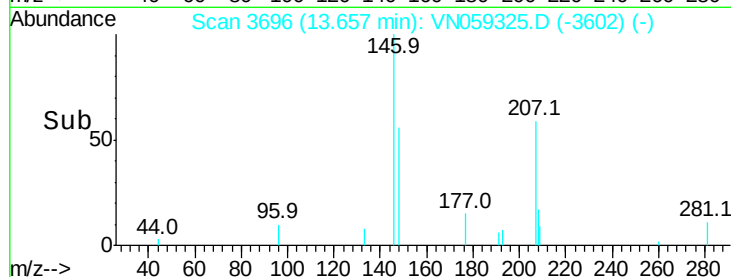
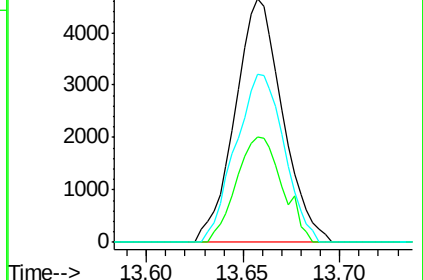
148 70.8 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.222 ug/l

RT: 14.28 min Scan# 3889

Delta R.T. 0.01 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

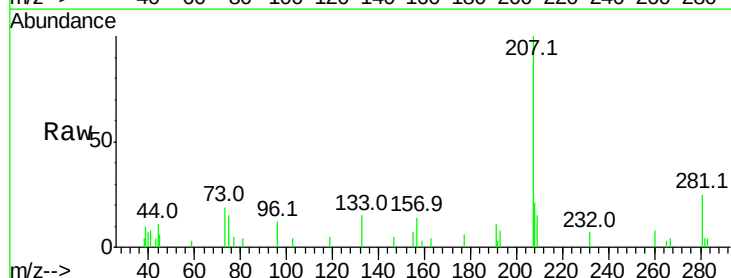
Tgt Ion: 75 Resp: 1343

Ion Ratio Lower Upper

75 100

155 54.5 40.2 120.6

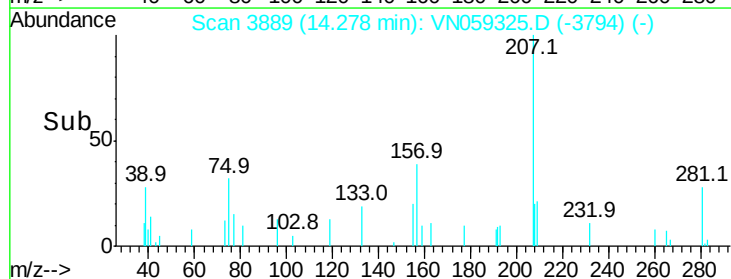
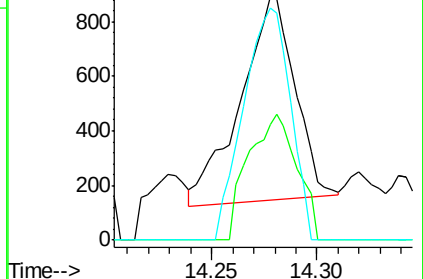
157 97.5 51.8 155.5

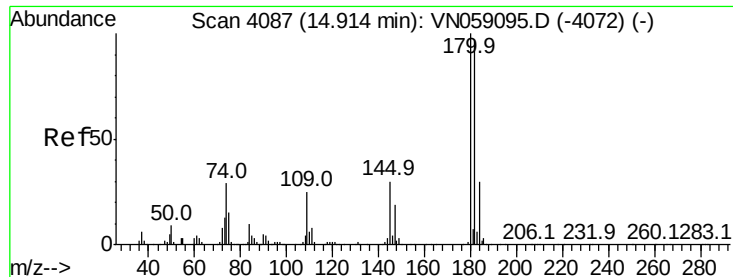


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

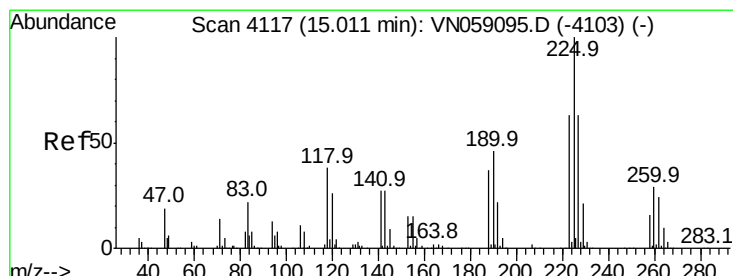
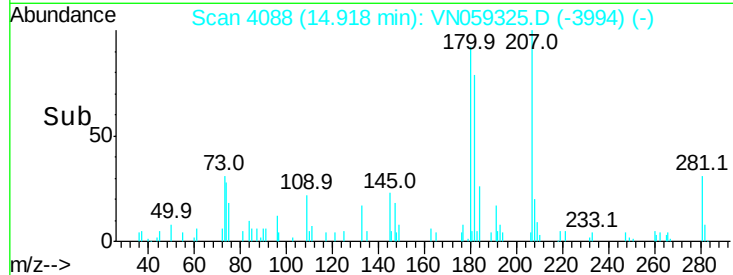
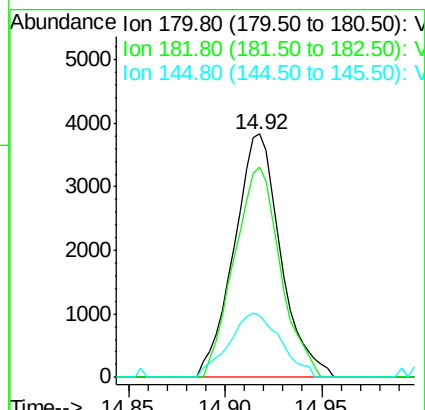
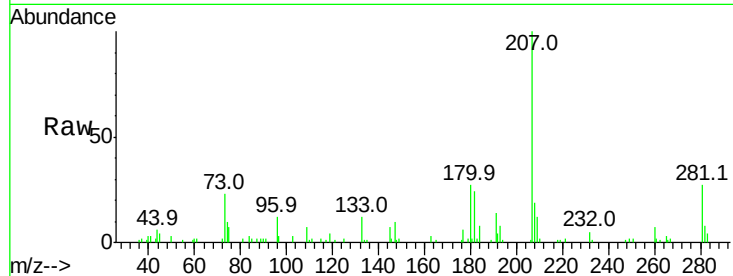




#93
 1,2,4-Trichlorobenzene
 Concen: 1.981 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN059325.D
 Acq: 20 Nov 2019 13:57

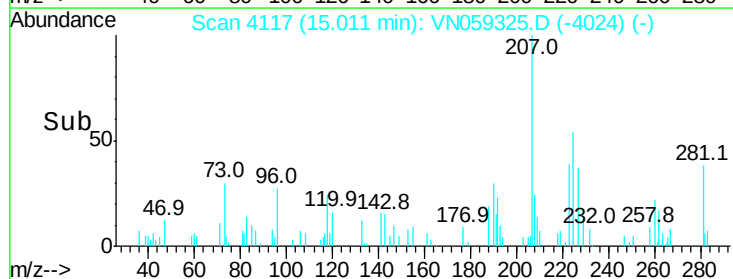
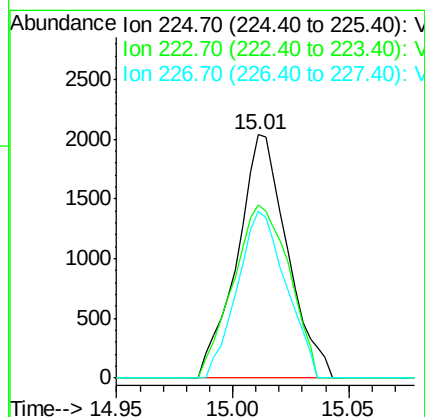
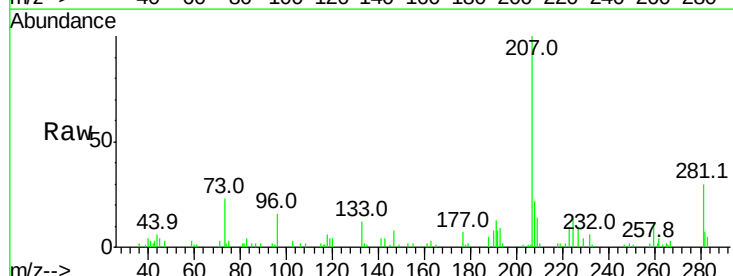
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

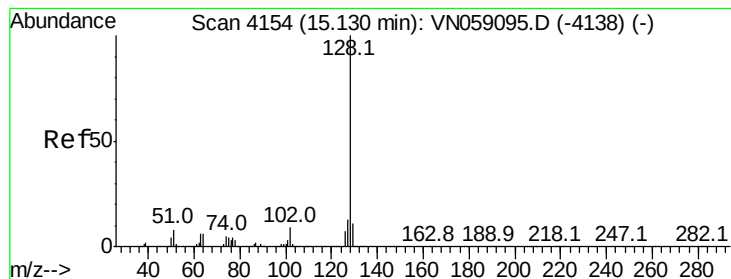
Tgt Ion:180 Resp: 6422
 Ion Ratio Lower Upper
 180 100
 182 85.4 48.1 144.3
 145 29.3 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 1.467 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN059325.D
 Acq: 20 Nov 2019 13:57

Tgt Ion:225 Resp: 3061
 Ion Ratio Lower Upper
 225 100
 223 79.4 31.3 93.9
 227 66.5 31.5 94.5





#95

Naphthalene

Concen: 2.444 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

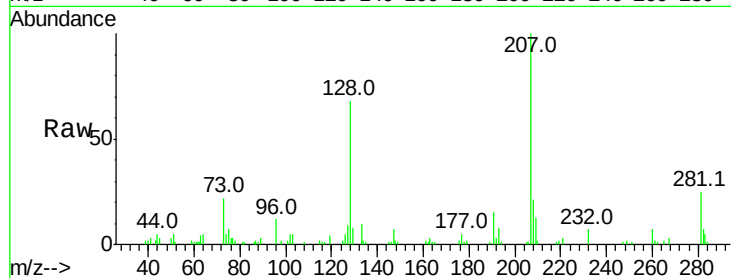
Tgt Ion:128 Resp: 21762

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

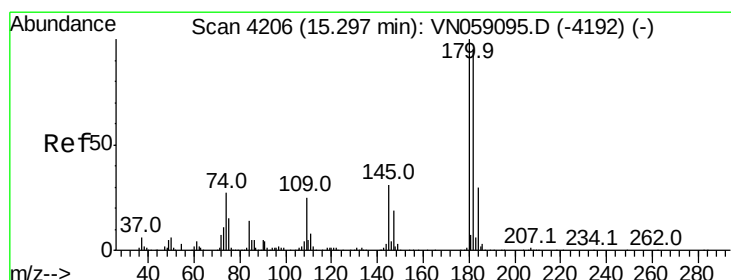
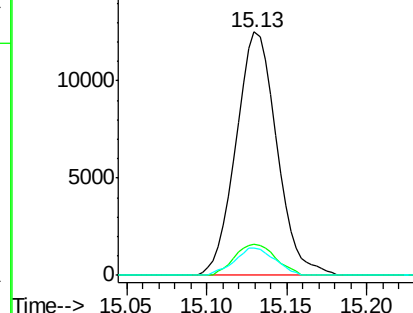
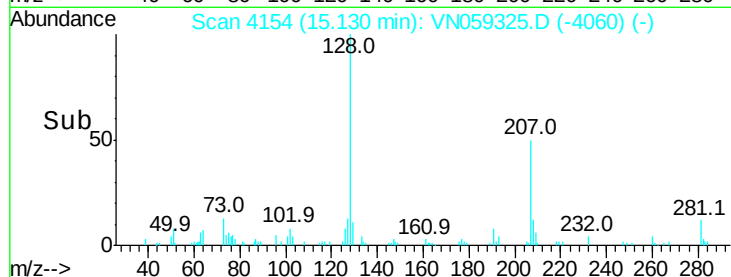
129 11.0 8.6 12.8



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: 2.400 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. -0.00 min

Lab File: VN059325.D

Acq: 20 Nov 2019 13:57

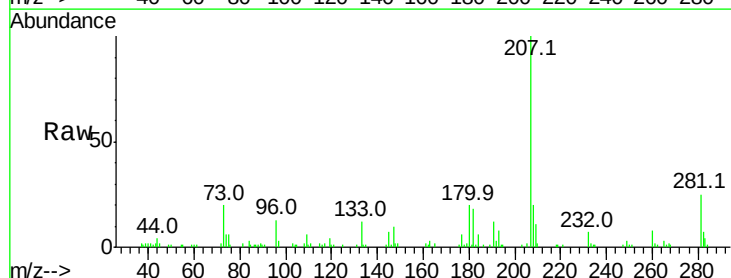
Tgt Ion:180 Resp: 8139

Ion Ratio Lower Upper

180 100

182 89.1 47.3 141.8

145 36.5 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

