

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111319\
 Data File : VN059205.D
 Acq On : 13 Nov 2019 8:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 22 04:00:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	413541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	634855	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	589451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	290022	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	241345	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
35) Dibromofluoromethane	7.56	113	192865	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
50) Toluene-d8	10.08	98	727734	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
62) 4-Bromofluorobenzene	12.40	95	274654	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	194439	46.666	ug/l	99
3) Chloromethane	2.04	50	253881	44.825	ug/l	99
4) Vinyl Chloride	2.17	62	265267	48.308	ug/l	99
5) Bromomethane	2.54	94	156790	49.618	ug/l	99
6) Chloroethane	2.68	64	163439	50.315	ug/l	100
7) Trichlorofluoromethane	3.00	101	336229	51.191	ug/l	100
8) Diethyl Ether	3.38	74	131480	49.266	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	200299	50.579	ug/l	99
10) Methyl Iodide	3.92	142	248425	50.680	ug/l	98
11) Tert butyl alcohol	4.74	59	211949	218.774	ug/l	99
12) 1,1-Dichloroethene	3.71	96	189267	49.062	ug/l	96
13) Acrolein	3.58	56	144258	288.808	ug/l	100
14) Allyl chloride	4.29	41	382606	48.283	ug/l	98
15) Acrylonitrile	4.95	53	586254	243.156	ug/l	99
16) Acetone	3.78	43	759677	287.374	ug/l	100
17) Carbon Disulfide	4.02	76	528088	44.099	ug/l	100
18) Methyl Acetate	4.29	43	305171	48.636	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	695223	52.345	ug/l	99
20) Methylene Chloride	4.52	84	231525	50.272	ug/l	97
21) trans-1,2-Dichloroethene	5.00	96	207202	50.039	ug/l	98
22) Diisopropyl ether	5.91	45	788974	52.712	ug/l	98
23) Vinyl Acetate	5.86	43	3175373	273.734	ug/l	100
24) 1,1-Dichloroethane	5.82	63	433010	51.796	ug/l	99
25) 2-Butanone	6.80	43	911333	261.577	ug/l	99
26) 2,2-Dichloropropane	6.79	77	368077	50.353	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	244516	50.898	ug/l	99
28) Bromochloromethane	7.17	49	116295	46.239	ug/l	100
29) Tetrahydrofuran	7.18	42	525349	237.314	ug/l	100
30) Chloroform	7.34	83	416938	51.991	ug/l	100
31) Cyclohexane	7.63	56	368012	46.501	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	351291	52.103	ug/l	99
36) 1,1-Dichloropropene	7.77	75	309985	52.238	ug/l	99
37) Ethyl Acetate	6.90	43	330485	50.063	ug/l	100
38) Carbon Tetrachloride	7.75	117	313267	53.040	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	358036	51.987	ug/l	99
40) Benzene	8.02	78	939589	52.581	ug/l	99
41) Methacrylonitrile	7.18	41	469150	163.433	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	328587	53.614	ug/l	99
43) Isopropyl Acetate	8.14	43	525991	49.978	ug/l	99
44) Trichloroethene	8.81	130	231063	52.603	ug/l	100
45) 1,2-Dichloropropane	9.10	63	259045	53.371	ug/l	100
46) Dibromomethane	9.19	93	158631	52.448	ug/l	99
47) Bromodichloromethane	9.38	83	334285	55.349	ug/l	98
48) Methyl methacrylate	9.18	41	240780	51.148	ug/l	100
49) 1,4-Dioxane	9.18	88	85557	1022.681	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	1617336	271.595	ug/l	99
52) Toluene	10.14	92	571442	53.354	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	376668	53.982	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	409566	54.567	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	231696	53.453	ug/l	98
56) Ethyl methacrylate	10.42	69	351511	48.672	ug/l	100
57) 1,3-Dichloropropane	10.70	76	403032	54.023	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.68	63	694250	287.793	ug/l	100
59) 2-Hexanone	10.74	43	1273433	278.608	ug/l	100
60) Dibromochloromethane	10.89	129	252002	54.987	ug/l	99
61) 1,2-Dibromoethane	10.99	107	234393	53.417	ug/l	100
64) Tetrachloroethene	10.62	164	206156	51.434	ug/l	99
65) Chlorobenzene	11.43	112	610039	53.090	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	233018	54.059	ug/l	99
67) Ethyl Benzene	11.51	91	1101521	54.030	ug/l	99
68) m/p-Xylenes	11.62	106	834649	109.293	ug/l	99
69) o-Xylene	11.94	106	394094	53.399	ug/l	99
70) Styrene	11.96	104	657100	56.612	ug/l	100
71) Bromoform	12.12	173	179565	53.557	ug/l #	99
73) Isopropylbenzene	12.25	105	1083804	51.374	ug/l	100
74) N-amyl acetate	12.07	43	446095	49.903	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	349494	48.647	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	462535	70.051	ug/l #	100
77) Bromobenzene	12.52	156	264571	49.916	ug/l	97
78) n-propylbenzene	12.59	91	1285217	53.207	ug/l	100
79) 2-Chlorotoluene	12.67	91	753067	50.256	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	932656	52.174	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	124106	49.645	ug/l	99
82) 4-Chlorotoluene	12.77	91	786614	52.338	ug/l	100
83) tert-Butylbenzene	12.99	119	785738	50.899	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	925445	53.510	ug/l	100
85) sec-Butylbenzene	13.17	105	1073814	53.485	ug/l	100
86) p-Isopropyltoluene	13.29	119	974149	54.952	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	480365	52.925	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	472120	51.990	ug/l	99
89) n-Butylbenzene	13.62	91	859817	55.416	ug/l	100
90) Hexachloroethane	13.88	117	177457	49.852	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	465643	52.153	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	69439	48.447	ug/l	97

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Quant Title : SW846 8260
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Response via : Initial Calibration

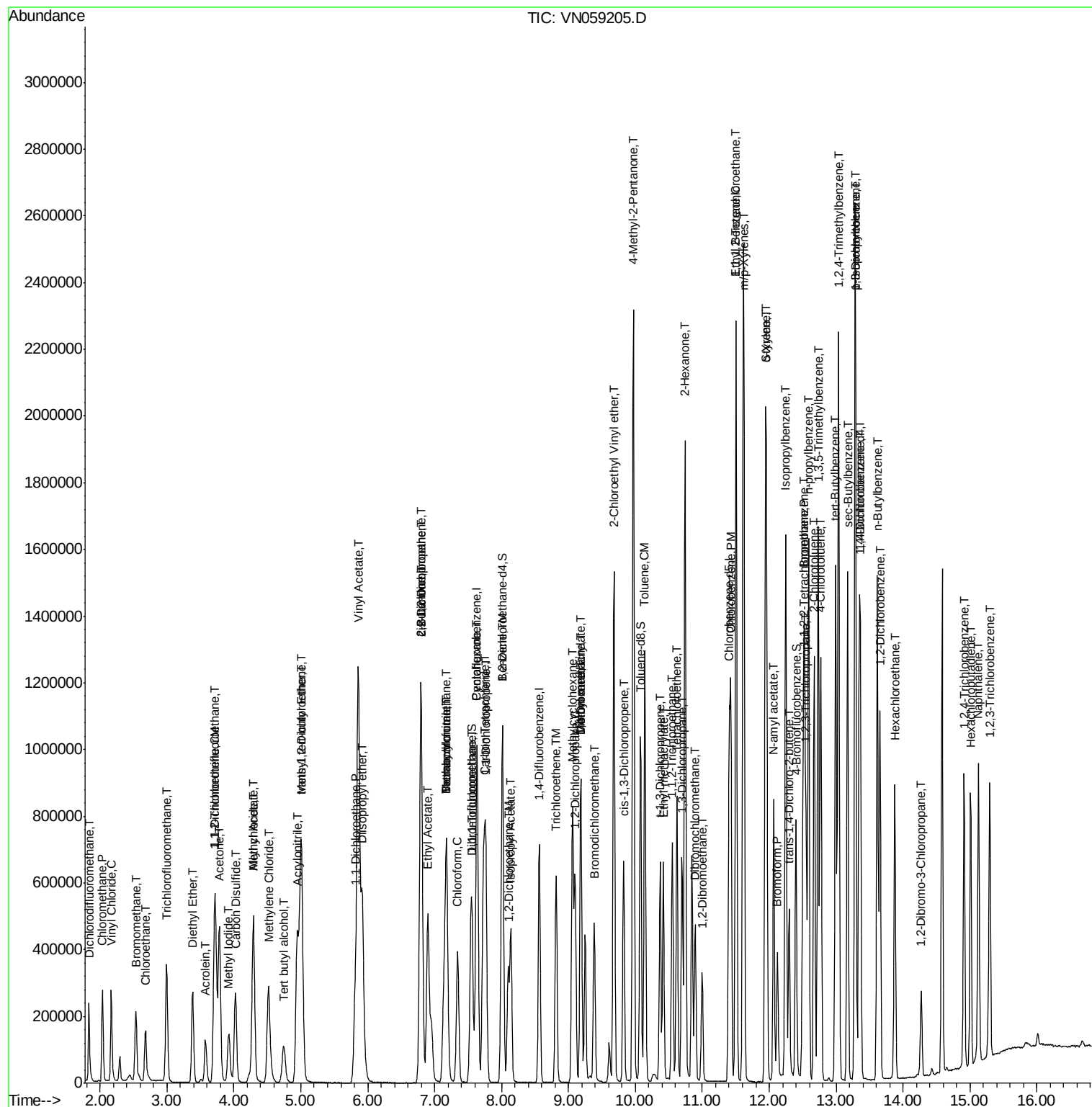
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	274908	50.704	ug/l	99
94) Hexachlorobutadiene	15.01	225	160527	52.144	ug/l	99
95) Naphthalene	15.13	128	707270	47.240	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	270092	53.979	ug/l	100

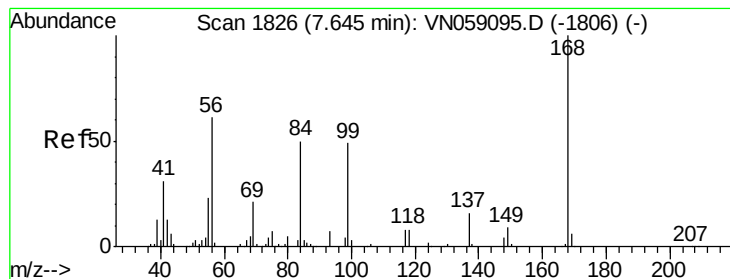
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111319\
Data File : VN059205.D
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QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

Instrument :

MSVOA_N

ClientSampleId :

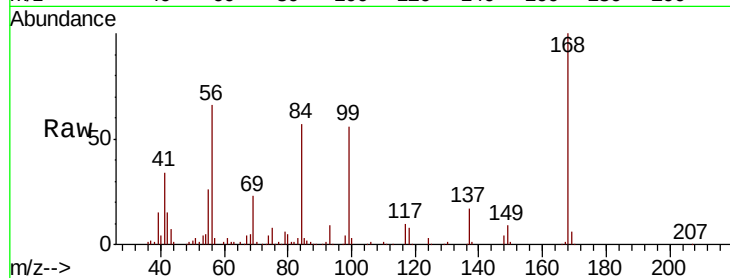
VSTDCCC050

Tot Ion:168 Resp: 413541

Ion Ratio Lower Upper

168 100

99 56.3 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

200000

150000

100000

50000

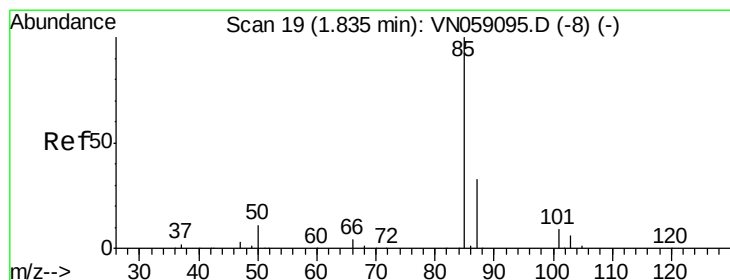
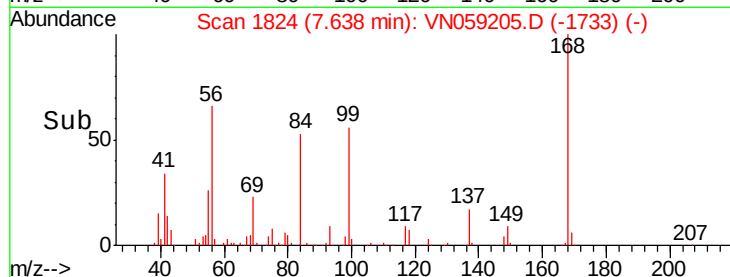
0

7.64

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 46.666 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059205.D

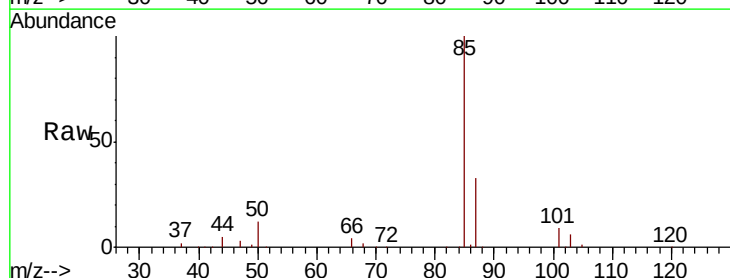
Acq: 13 Nov 2019 8:47

Tgt Ion: 85 Resp: 194439

Ion Ratio Lower Upper

85 100

87 33.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

150000

100000

50000

0

1.83

1.75

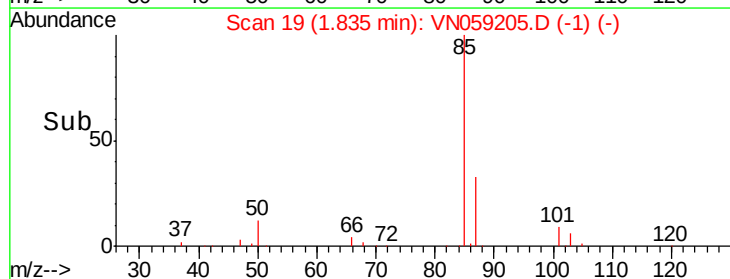
1.80

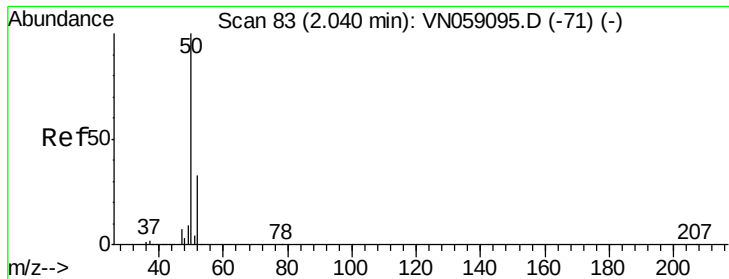
1.85

1.90

1.95

Time-->





#3

Chloromethane

Concen: 44.825 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

Instrument :

MSVOA_N

ClientSampleId :

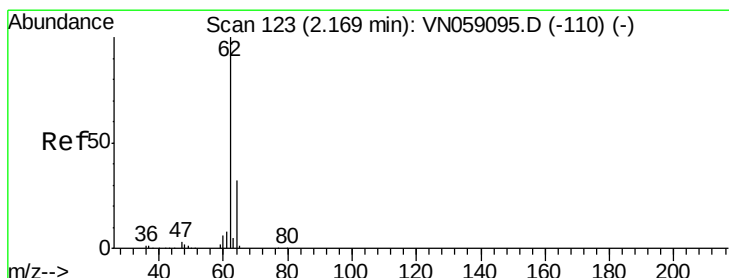
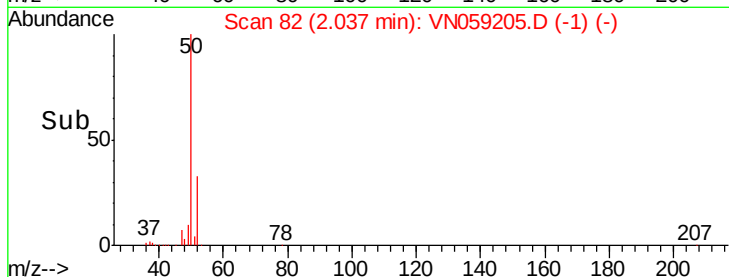
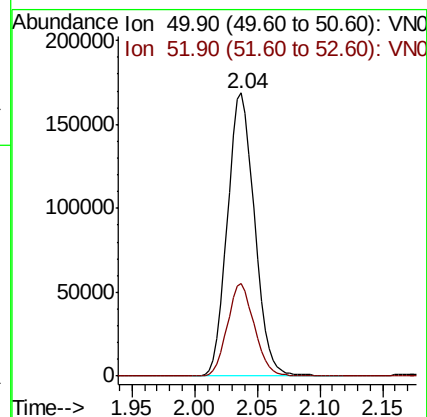
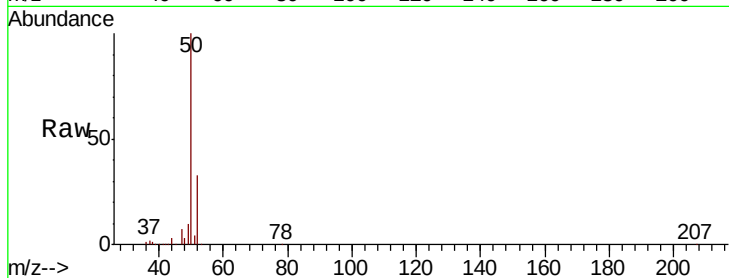
VSTDCCC050

Tot Ion: 50 Resp: 253881

Ion Ratio Lower Upper

50 100

52 32.9 26.0 39.0



#4

Vinyl Chloride

Concen: 48.308 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059205.D

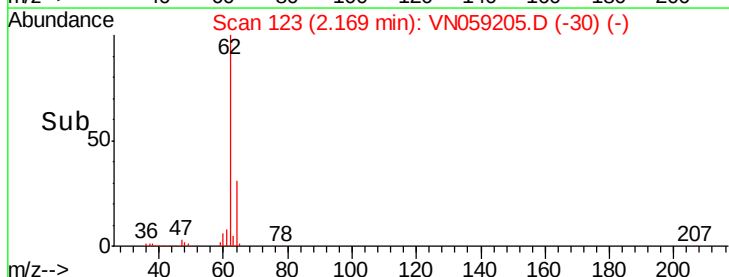
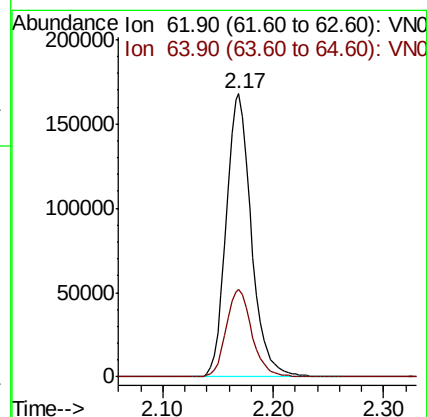
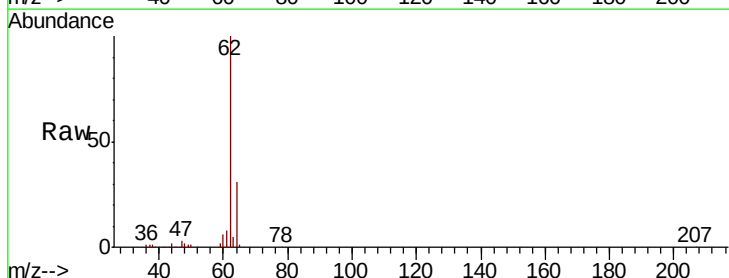
Acq: 13 Nov 2019 8:47

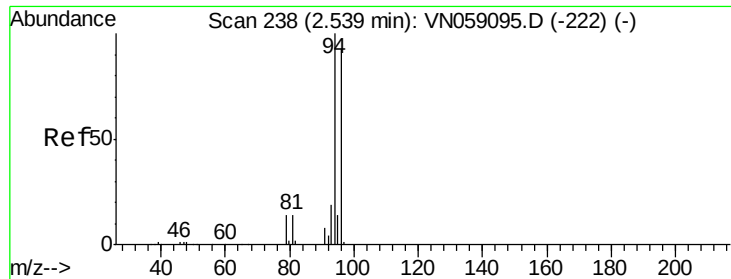
Tgt Ion: 62 Resp: 265267

Ion Ratio Lower Upper

62 100

64 31.1 25.4 38.2





#5

Bromomethane

Concen: 49.618 ug/l

RT: 2.54 min Scan# 237

Delta R.T. -0.00 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

Instrument :

MSVOA_N

ClientSampleId :

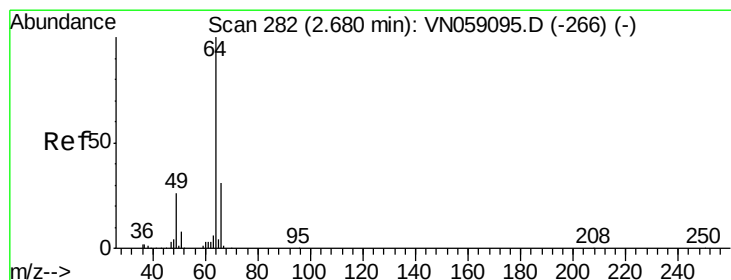
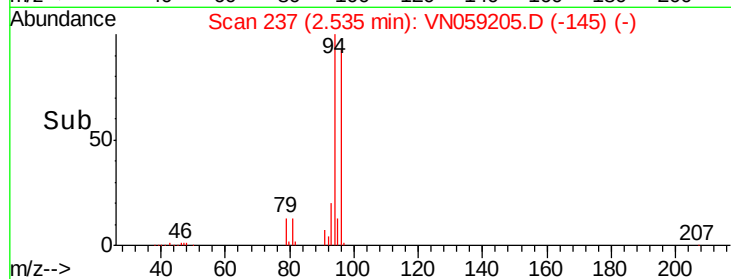
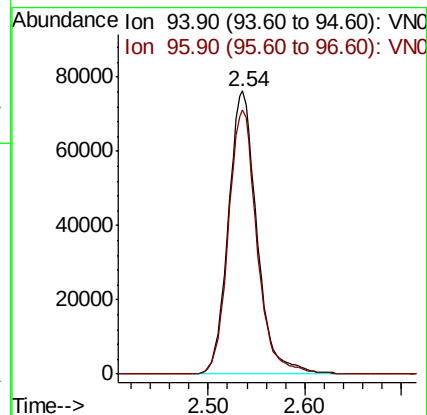
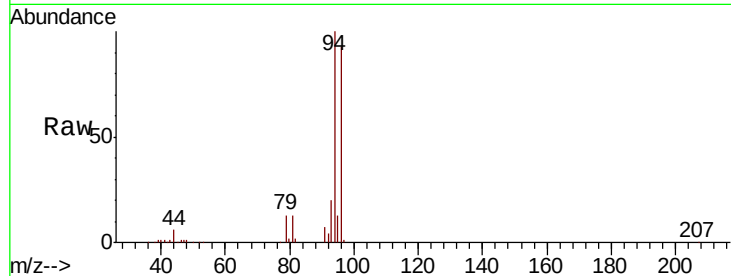
VSTDCCC050

Tot Ion: 94 Resp: 156790

Ion Ratio Lower Upper

94 100

96 93.4 74.2 111.2



#6

Chloroethane

Concen: 50.315 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.00 min

Lab File: VN059205.D

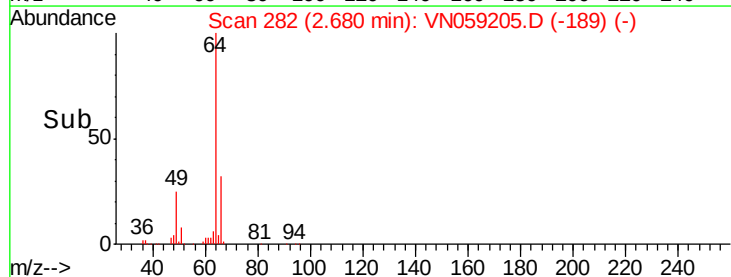
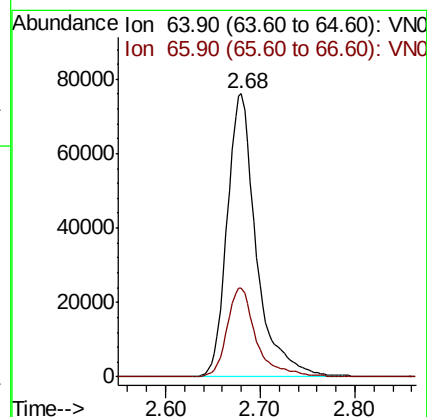
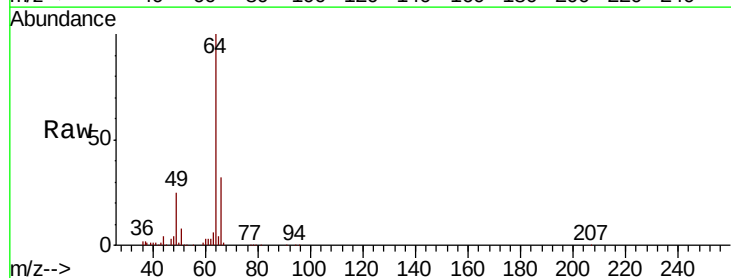
Acq: 13 Nov 2019 8:47

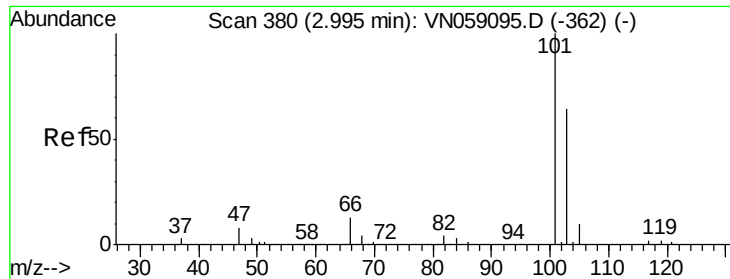
Tgt Ion: 64 Resp: 163439

Ion Ratio Lower Upper

64 100

66 31.6 25.2 37.8



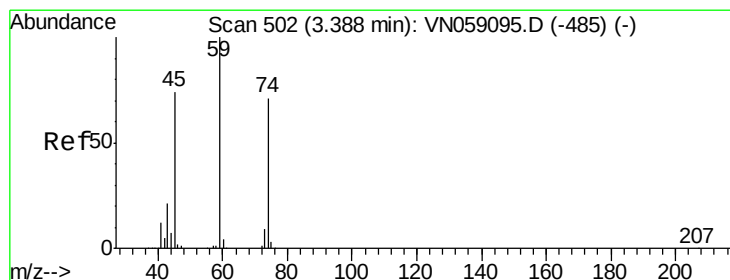
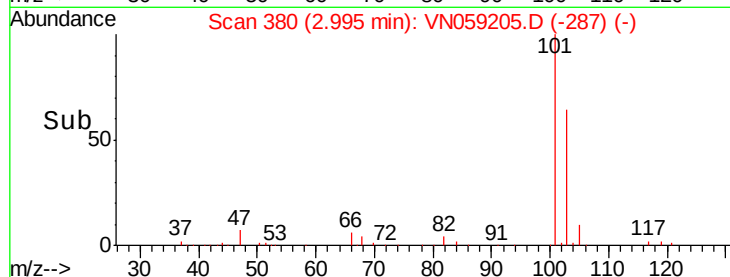
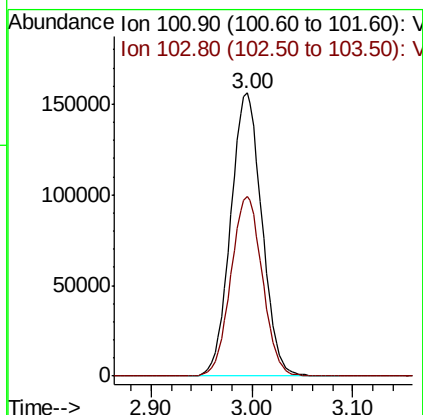
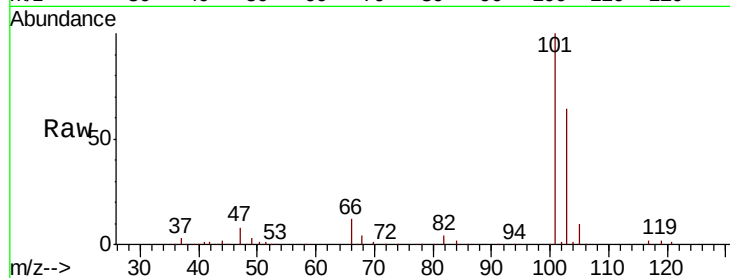


#7

Trichlorofluoromethane
 Concen: 51.191 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VN059205.D
 Acq: 13 Nov 2019 8:47

Instrument :
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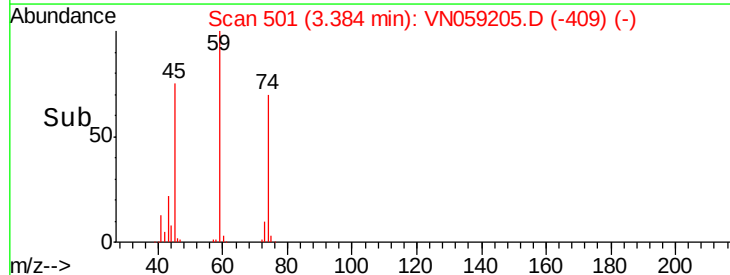
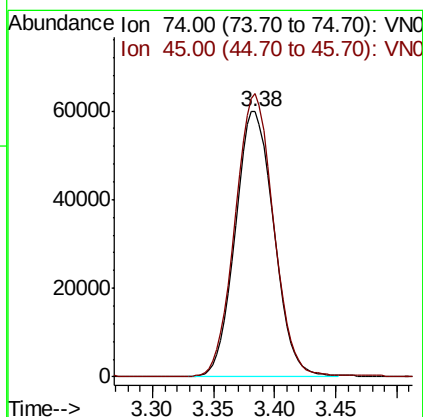
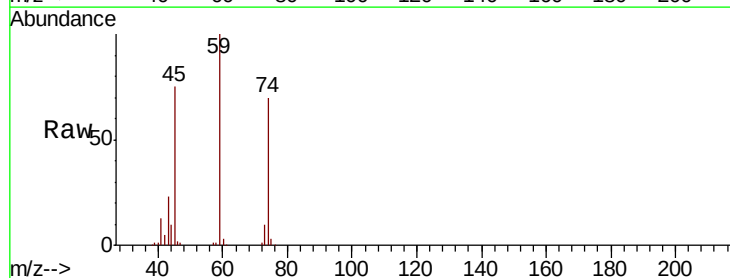
Tot Ion:101 Resp: 336229
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.2 76.8

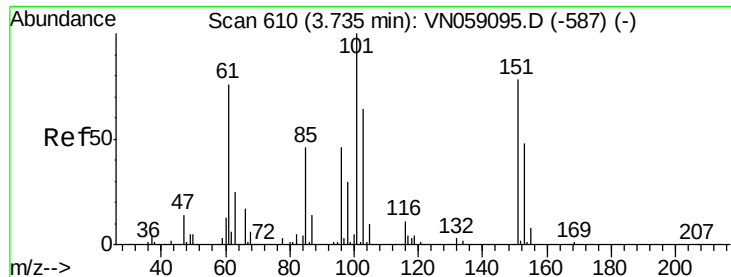


#8

Diethyl Ether
 Concen: 49.266 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN059205.D
 Acq: 13 Nov 2019 8:47

Tgt Ion: 74 Resp: 131480
 Ion Ratio Lower Upper
 74 100
 45 106.3 51.6 154.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.579 ug/l

RT: 3.73 min Scan# 608

Delta R.T. -0.01 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

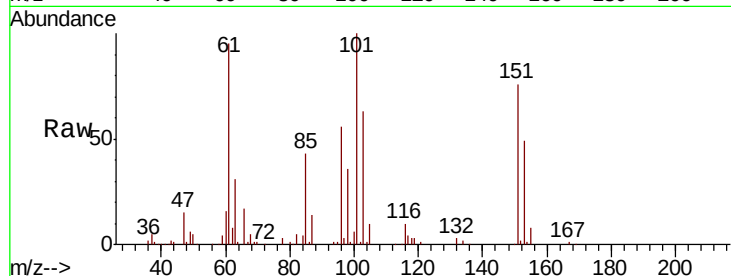
Tot Ion:101 Resp: 200299

Ion Ratio Lower Upper

101 100

85 44.0 35.5 53.3

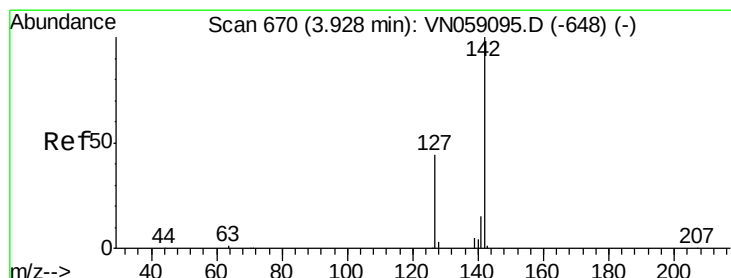
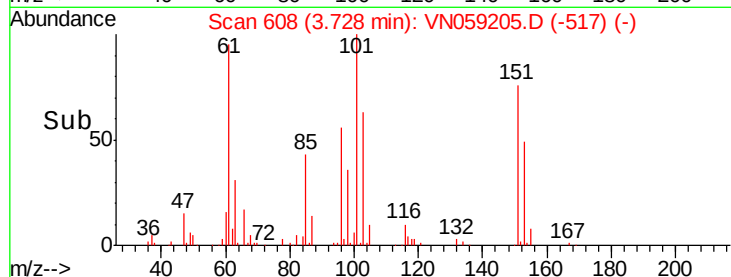
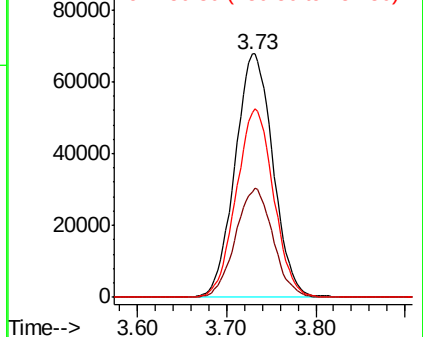
151 76.0 62.2 93.2



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: 50.680 ug/l

RT: 3.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

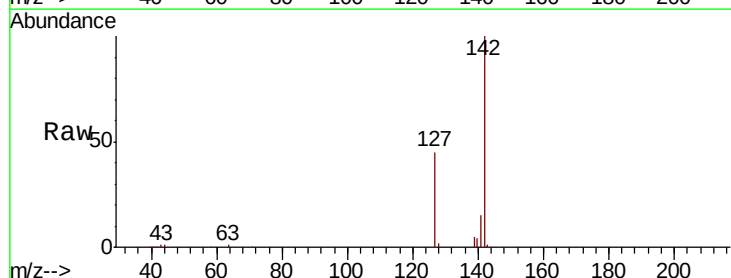
Tgt Ion:142 Resp: 248425

Ion Ratio Lower Upper

142 100

127 43.9 34.2 51.2

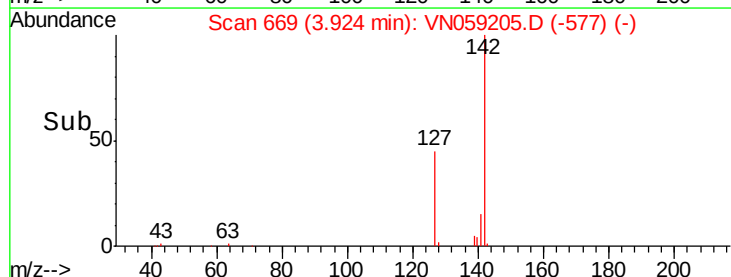
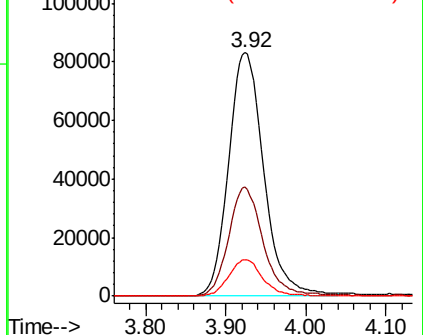
141 14.6 11.4 17.0

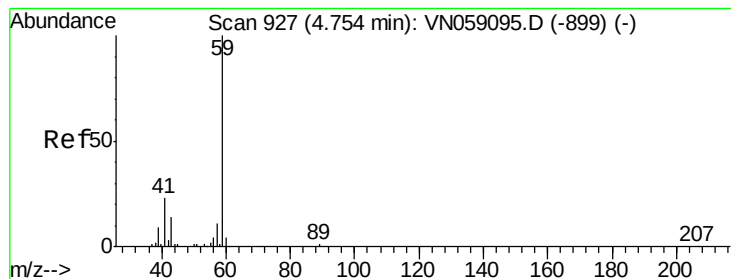


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



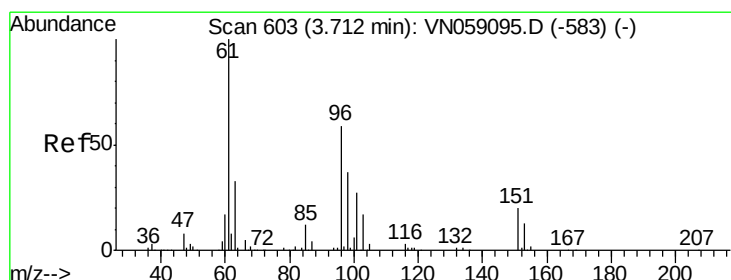
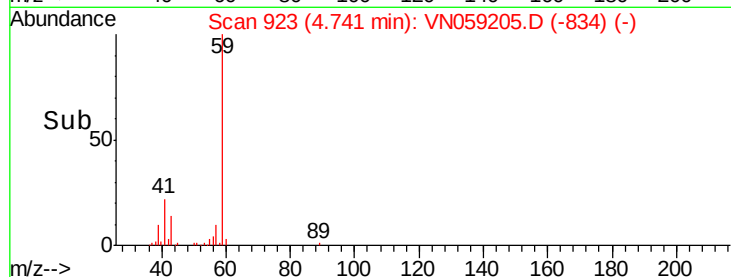
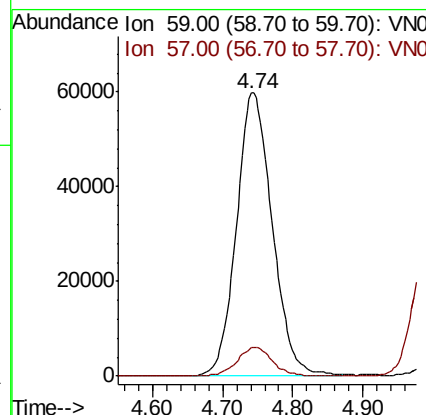
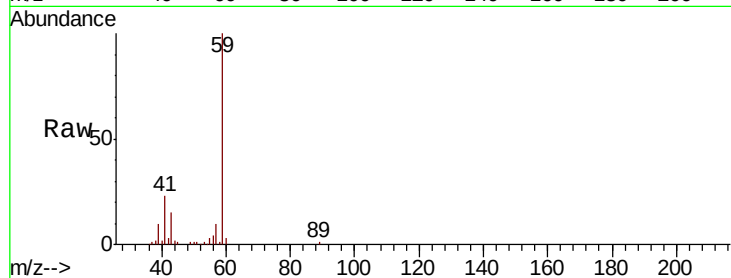


#11

Tert butyl alcohol
 Concen: 218.774 ug/l
 RT: 4.74 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: VN059205.D
 Acq: 13 Nov 2019 8:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

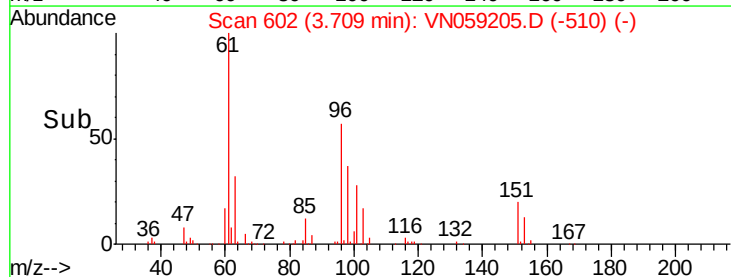
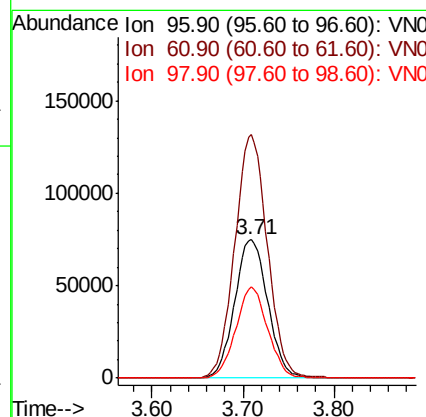
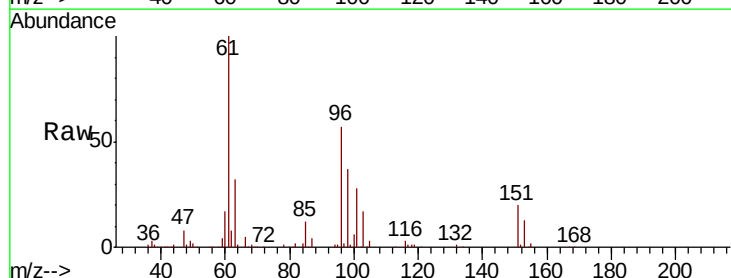
Tot Ion: 59 Resp: 211949
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.3 12.5

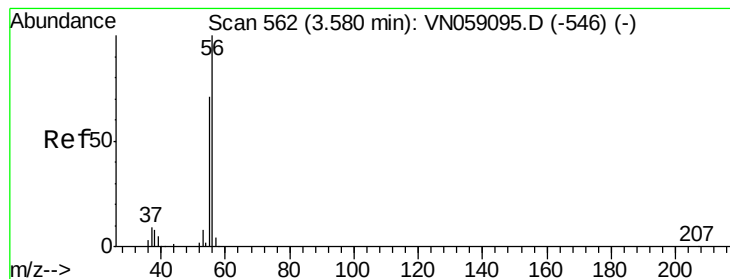


#12

1,1-Dichloroethene
 Concen: 49.062 ug/l
 RT: 3.71 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: VN059205.D
 Acq: 13 Nov 2019 8:47

Tgt Ion: 96 Resp: 189267
 Ion Ratio Lower Upper
 96 100
 61 176.2 136.5 204.7
 98 65.8 50.2 75.4





#13

Acrolein

Concen: 288.808 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

Instrument :

MSVOA_N

ClientSampleId :

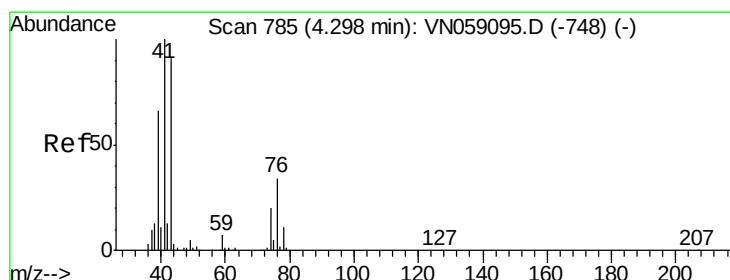
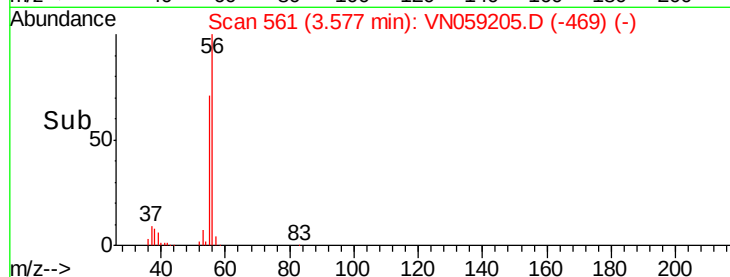
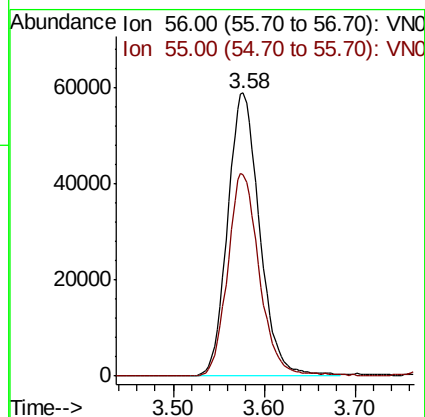
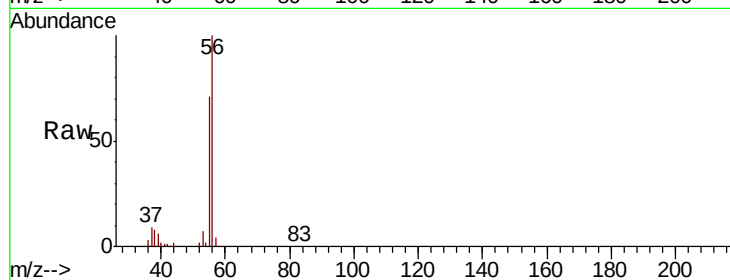
VSTDCCC050

Tot Ion: 56 Resp: 144258

Ion Ratio Lower Upper

56 100

55 70.5 56.4 84.6



#14

Allyl chloride

Concen: 48.283 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.01 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

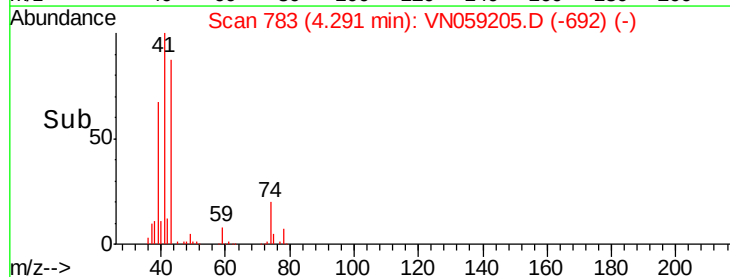
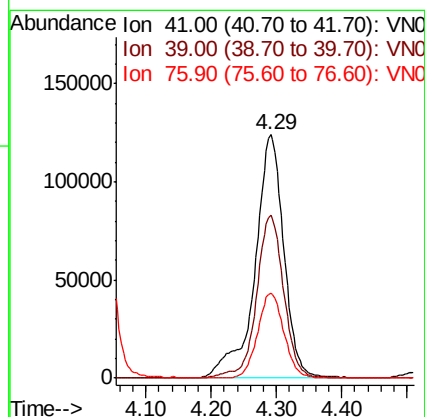
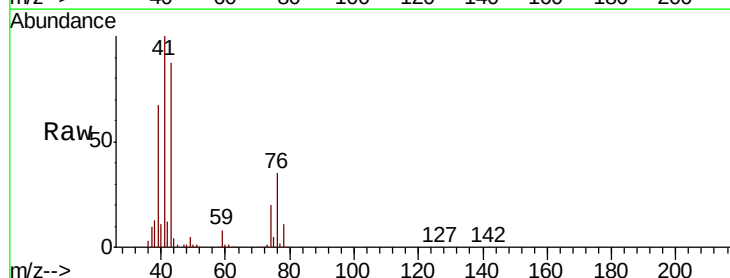
Tgt Ion: 41 Resp: 382606

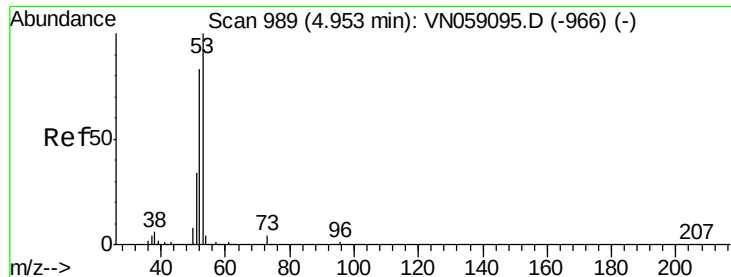
Ion Ratio Lower Upper

41 100

39 63.2 49.1 73.7

76 31.7 24.9 37.3





#15

Acrylonitrile

Concen: 243.156 ug/l

RT: 4.95 min Scan# 987

Delta R.T. -0.01 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

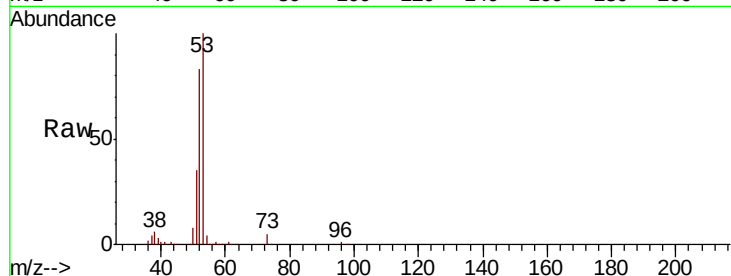
Tot Ion: 53 Resp: 586254

Ion Ratio Lower Upper

53 100

52 82.2 65.0 97.6

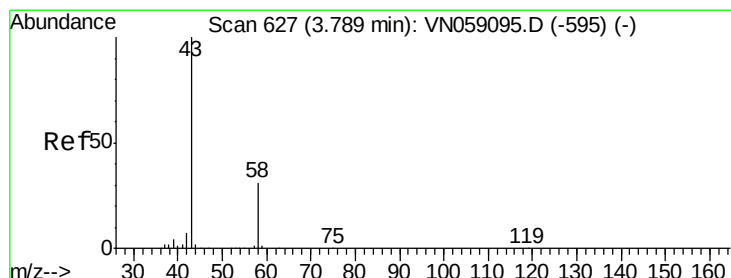
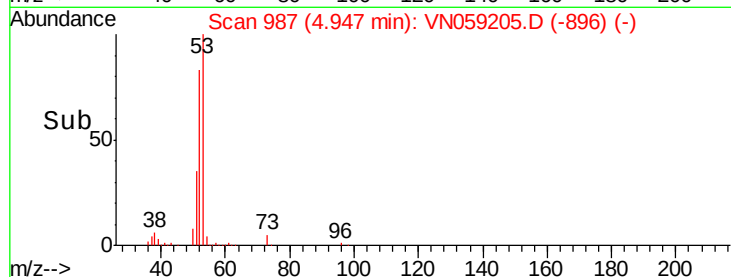
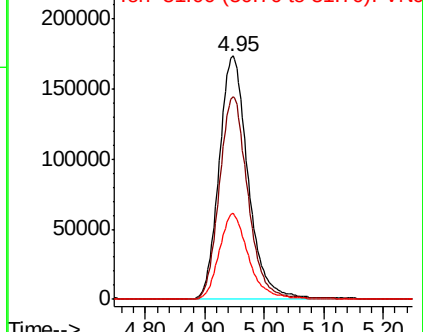
51 35.6 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 287.374 ug/l

RT: 3.78 min Scan# 625

Delta R.T. -0.01 min

Lab File: VN059205.D

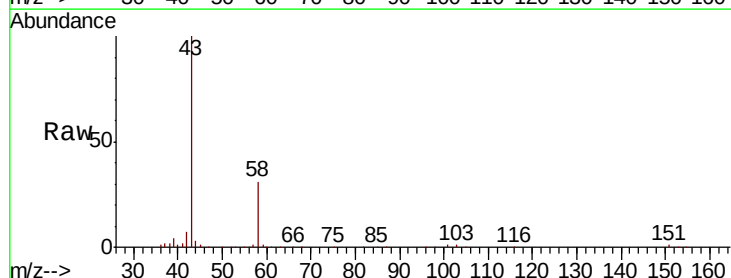
Acq: 13 Nov 2019 8:47

Tgt Ion: 43 Resp: 759677

Ion Ratio Lower Upper

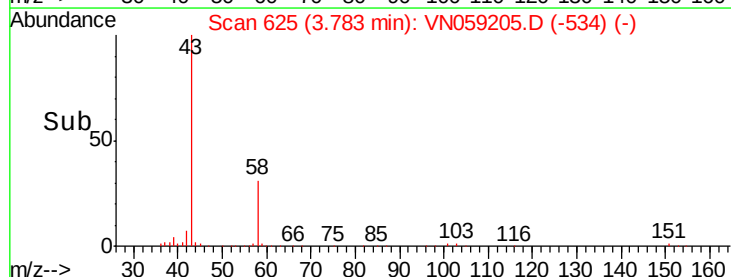
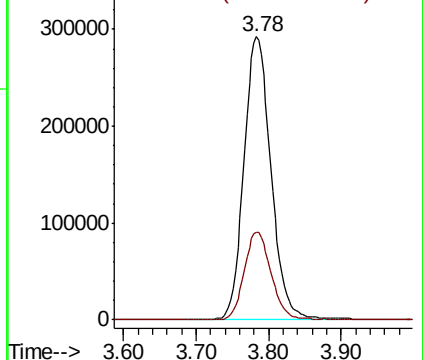
43 100

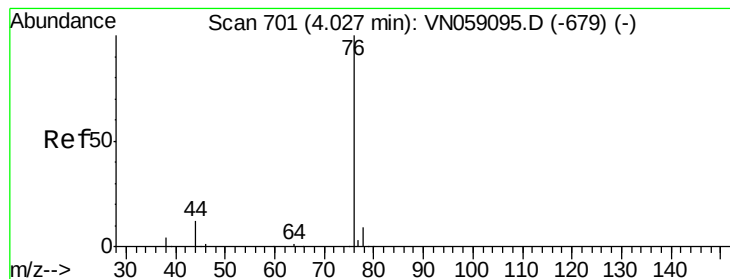
58 31.1 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 44.099 ug/l

RT: 4.02 min Scan# 700

Delta R.T. -0.00 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

Instrument :

MSVOA_N

ClientSampleId :

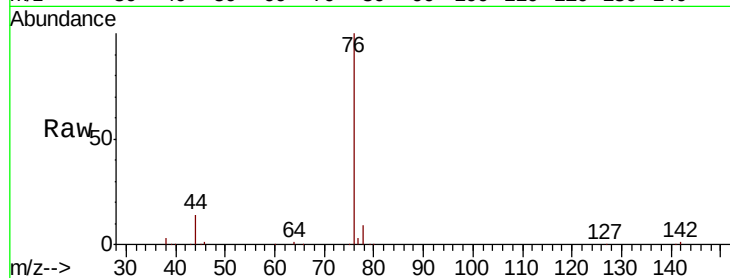
VSTDCCC050

Tot Ion: 76 Resp: 528088

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.02

200000

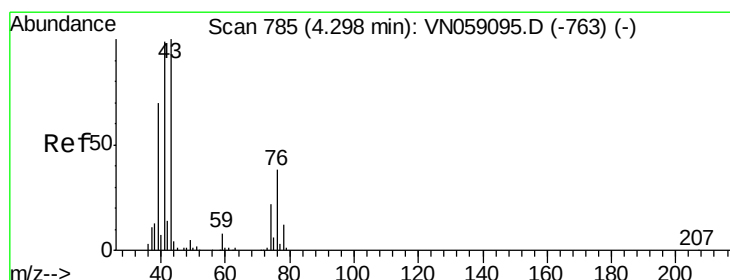
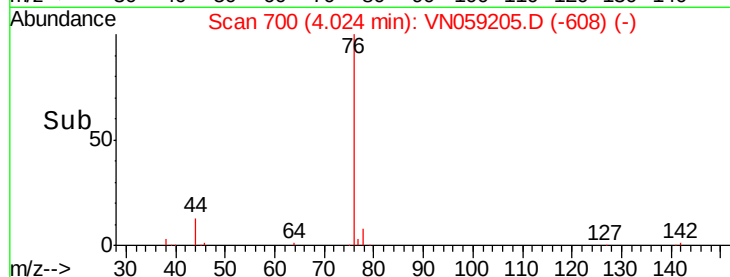
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 48.636 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.01 min

Lab File: VN059205.D

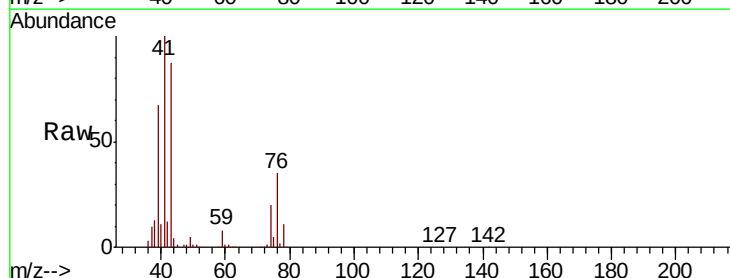
Acq: 13 Nov 2019 8:47

Tgt Ion: 43 Resp: 305171

Ion Ratio Lower Upper

43 100

74 22.7 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.29

120000

100000

80000

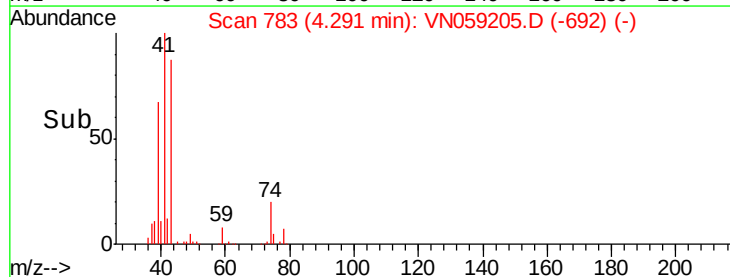
60000

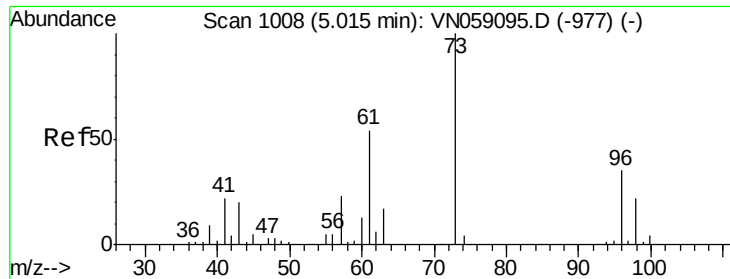
40000

20000

0

Time-->

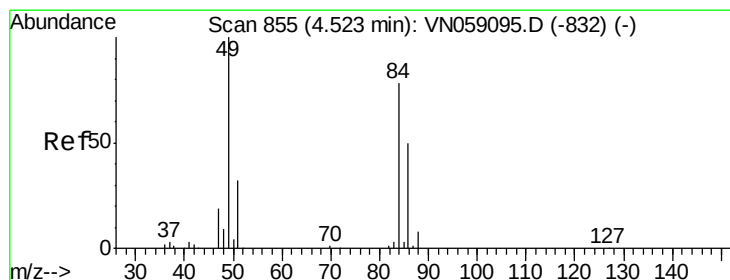
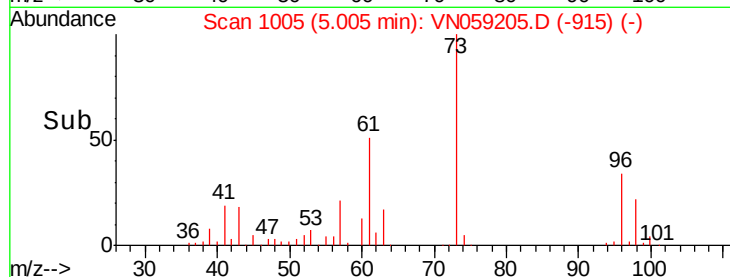
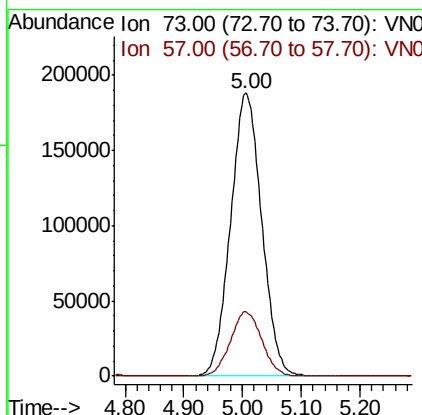
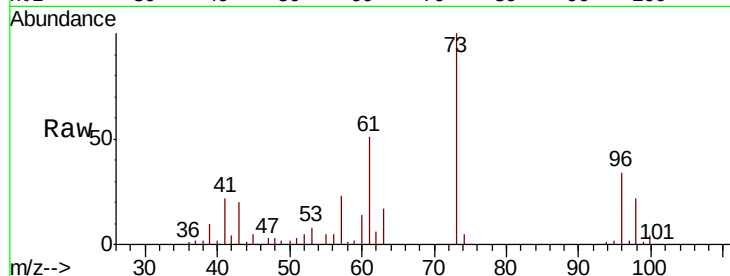




#19
Methyl tert-butyl Ether
Concen: 52.345 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VN059205.D
Acq: 13 Nov 2019 8:47

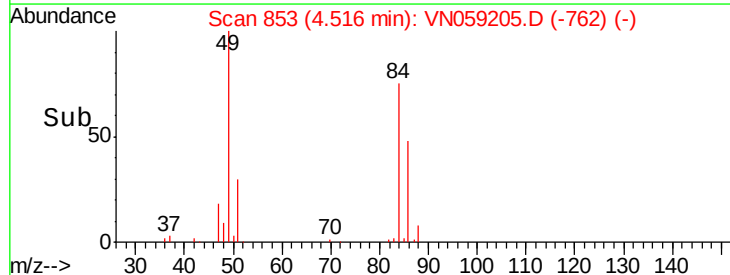
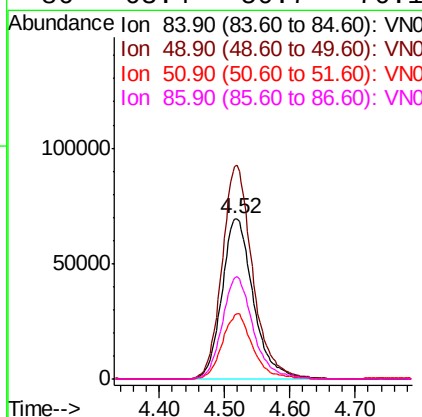
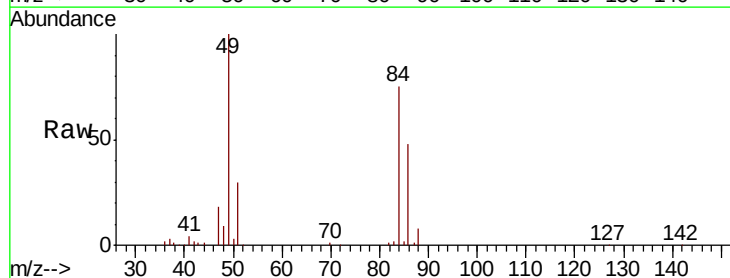
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

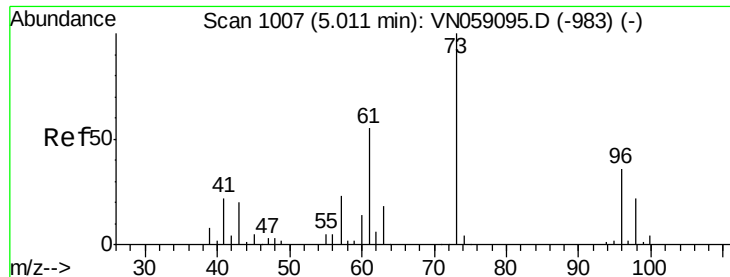
Tot Ion: 73 Resp: 695223
Ion Ratio Lower Upper
73 100
57 22.7 18.4 27.6



#20
Methylene Chloride
Concen: 50.272 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN059205.D
Acq: 13 Nov 2019 8:47

Tgt Ion: 84 Resp: 231525
Ion Ratio Lower Upper
84 100
49 132.7 102.0 153.0
51 39.9 32.2 48.2
86 63.4 50.7 76.1

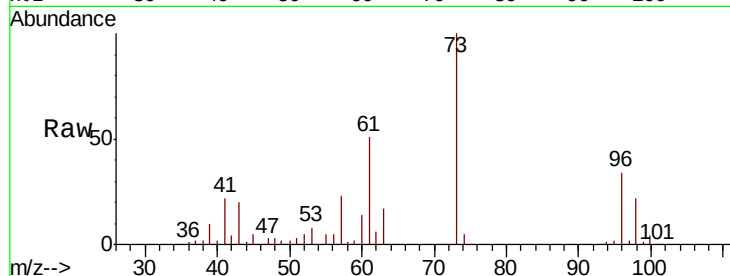




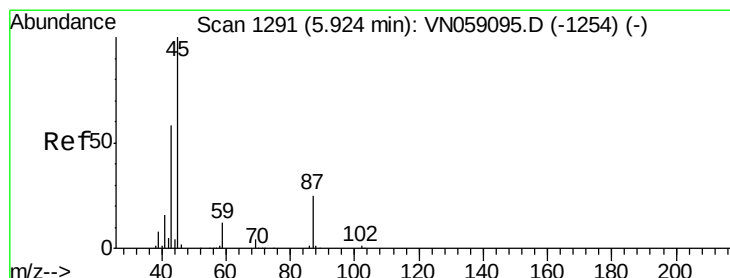
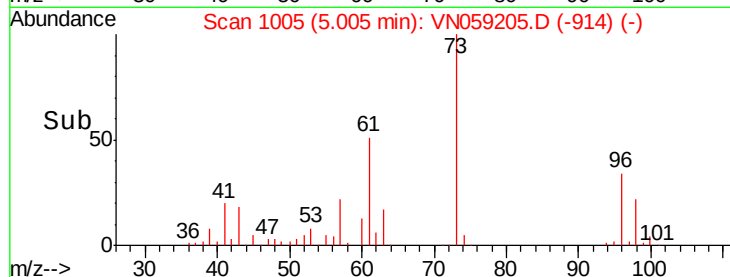
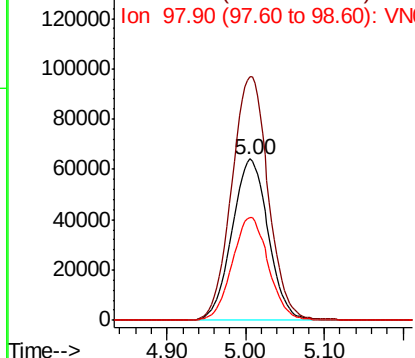
#21
trans-1,2-Dichloroethene
Concen: 50.039 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VN059205.D
Acq: 13 Nov 2019 8:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 207202
Ion Ratio Lower Upper
96 100
61 150.9 122.6 183.8
98 64.1 50.3 75.5

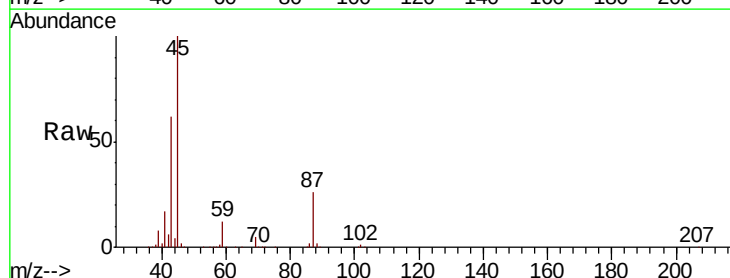


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

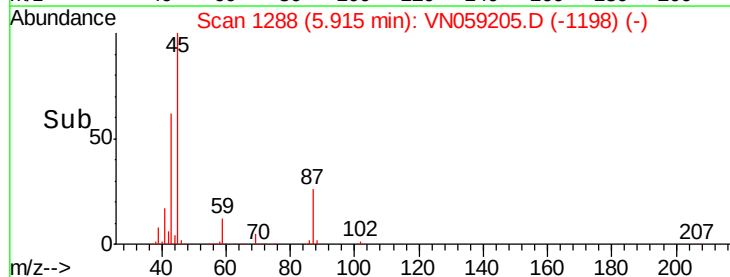
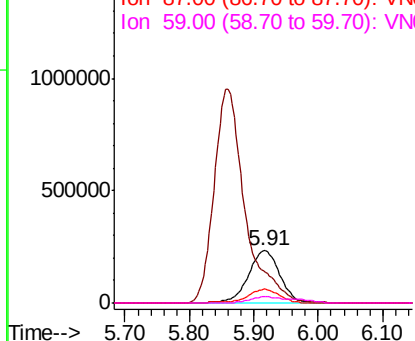


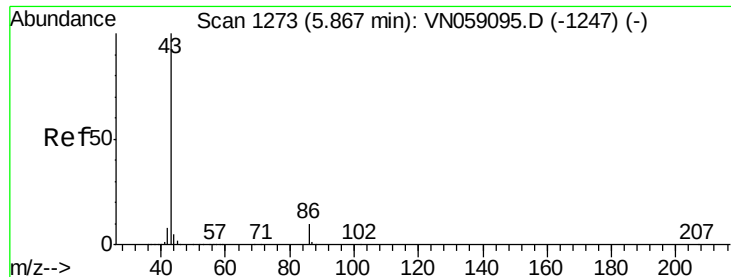
#22
Diisopropyl ether
Concen: 52.712 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VN059205.D
Acq: 13 Nov 2019 8:47

Tgt Ion: 45 Resp: 788974
Ion Ratio Lower Upper
45 100
43 61.0 46.7 70.1
87 25.9 20.5 30.7
59 11.3 9.6 14.4



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





#23

Vinyl Acetate

Concen: 273.734 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. -0.01 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

Instrument :

MSVOA_N

ClientSampled :

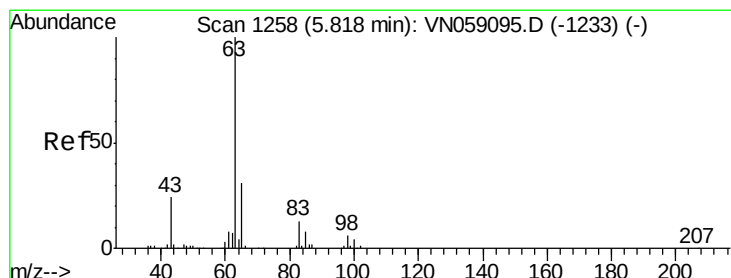
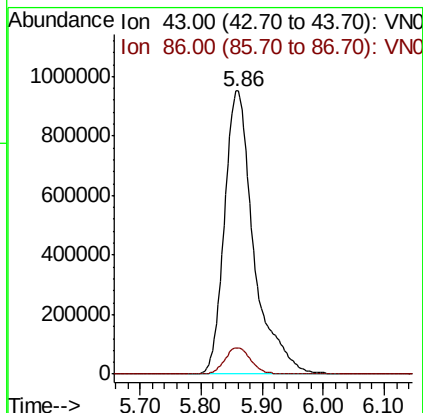
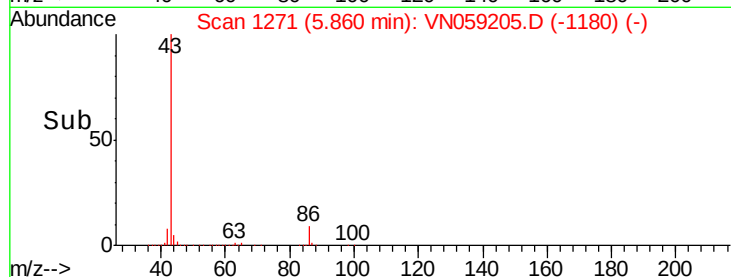
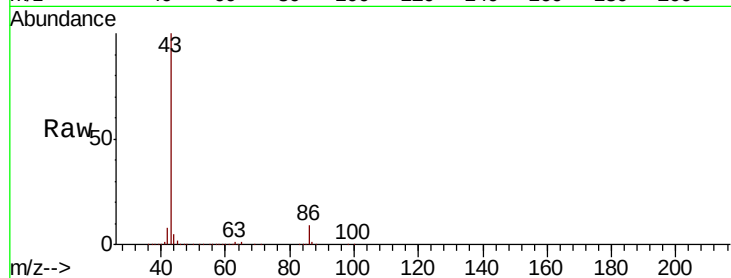
VSTDCCC050

Tot Ion: 43 Resp: 3175373

Ion Ratio Lower Upper

43 100

86 9.4 7.7 11.5



#24

1,1-Dichloroethane

Concen: 51.796 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

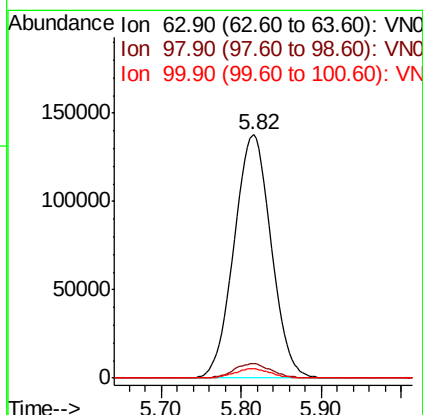
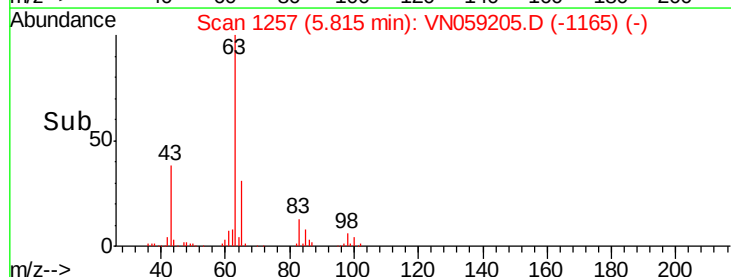
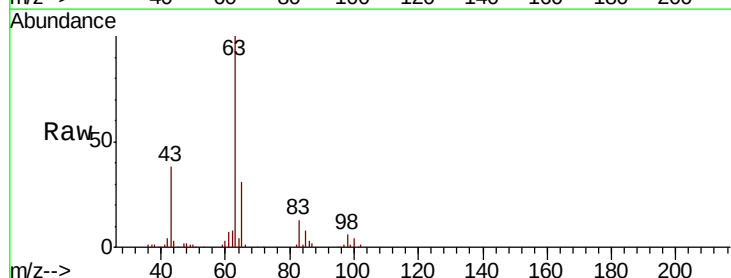
Tgt Ion: 63 Resp: 433010

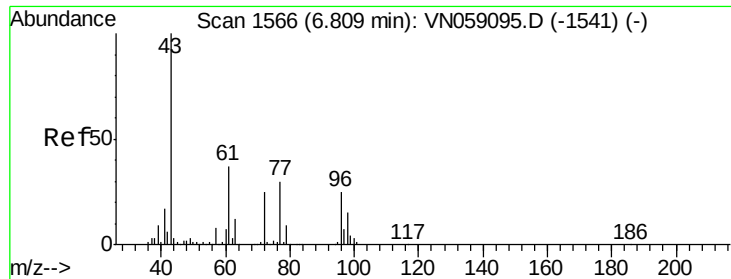
Ion Ratio Lower Upper

63 100

98 5.9 2.8 8.4

100 3.9 1.9 5.7

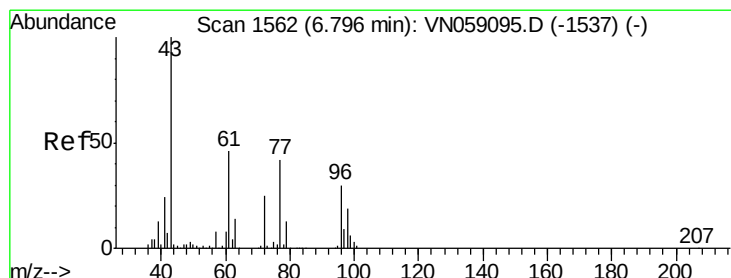
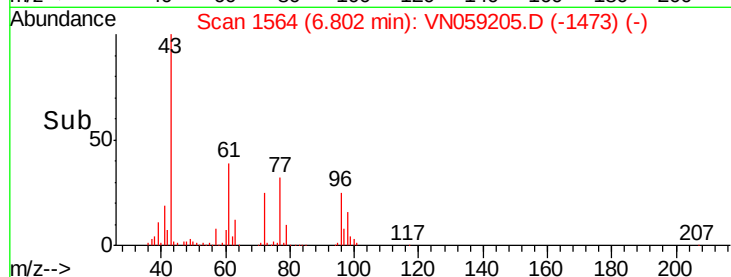
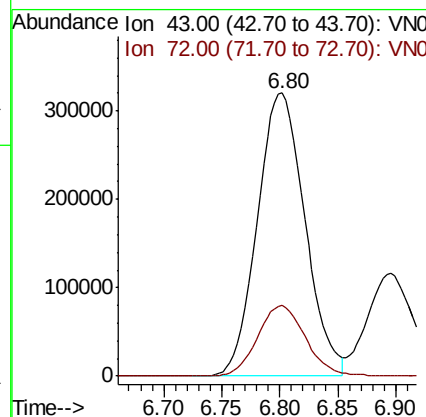
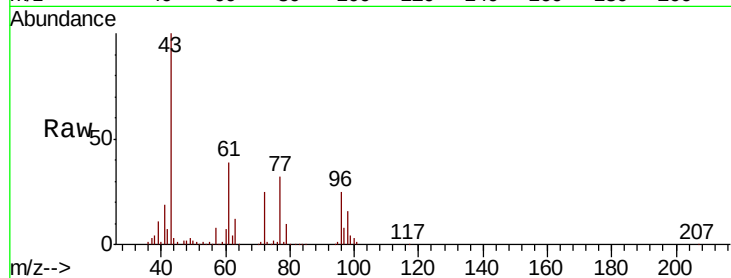




#25
 2-Butanone
 Concen: 261.577 ug/l
 RT: 6.80 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: VN059205.D
 Acq: 13 Nov 2019 8:47

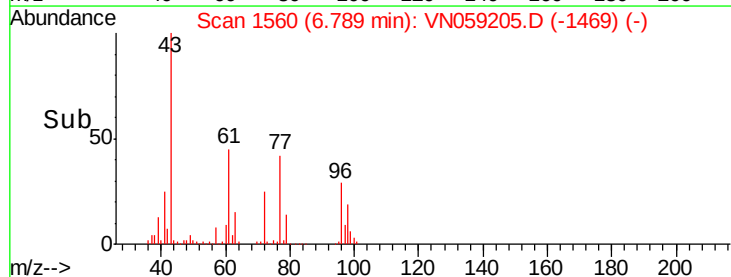
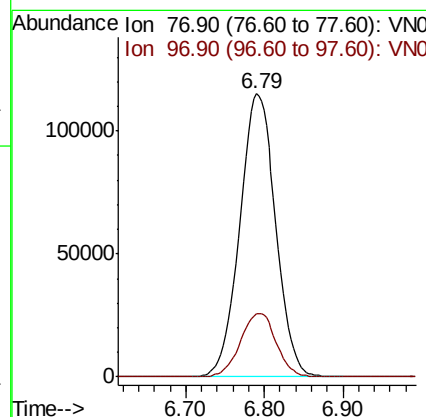
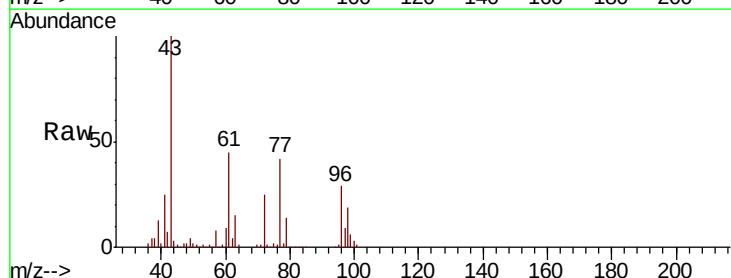
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

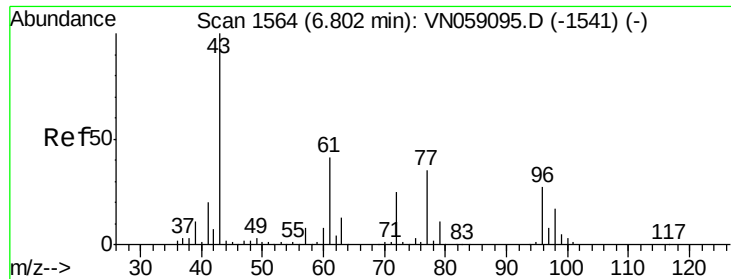
Tot Ion: 43 Resp: 911333
 Ion Ratio Lower Upper
 43 100
 72 24.9 20.3 30.5



#26
 2,2-Dichloropropane
 Concen: 50.353 ug/l
 RT: 6.79 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: VN059205.D
 Acq: 13 Nov 2019 8:47

Tgt Ion: 77 Resp: 368077
 Ion Ratio Lower Upper
 77 100
 97 22.5 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 50.898 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.01 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

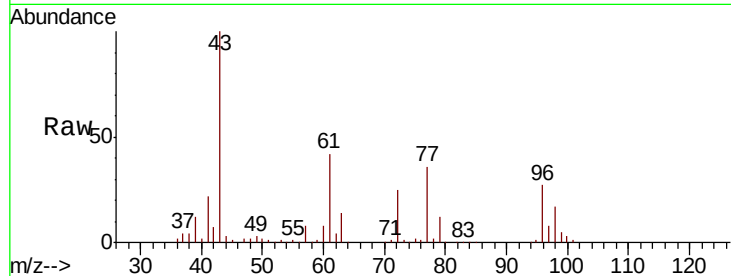
Tot Ion: 96 Resp: 244516

Ion Ratio Lower Upper

96 100

61 157.6 0.0 311.6

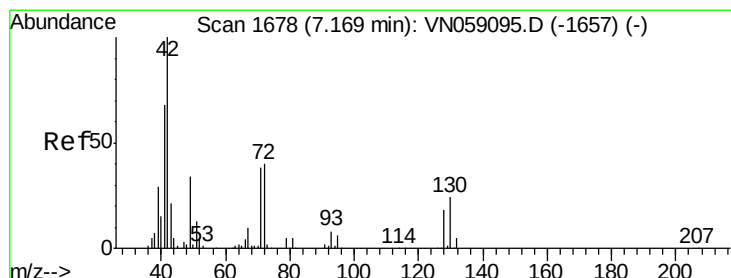
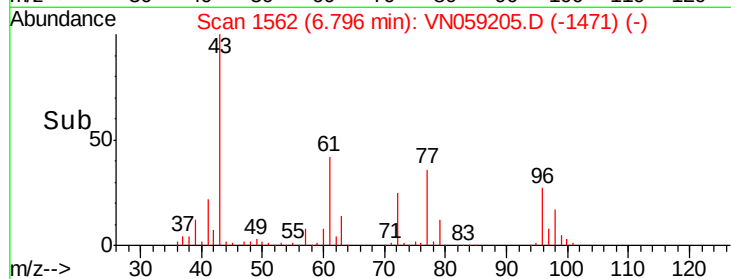
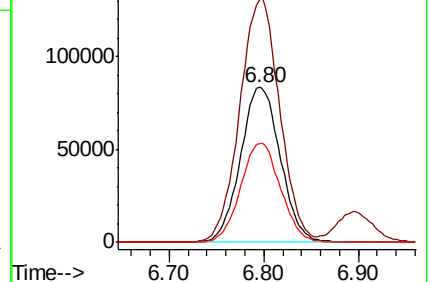
98 64.1 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN059205.D (-1471) (-)

Ion 60.90 (60.60 to 61.60): VN059205.D (-1471) (-)

Ion 97.90 (97.60 to 98.60): VN059205.D (-1471) (-)



#28

Bromochloromethane

Concen: 46.239 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

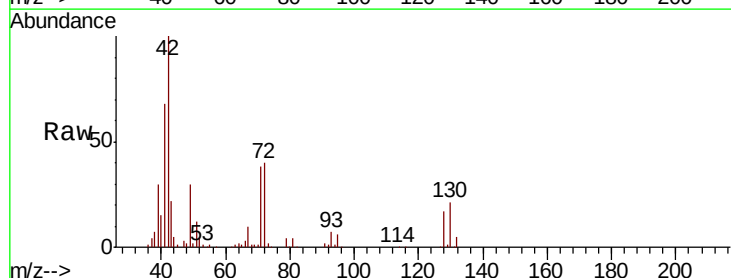
Tgt Ion: 49 Resp: 116295

Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.8

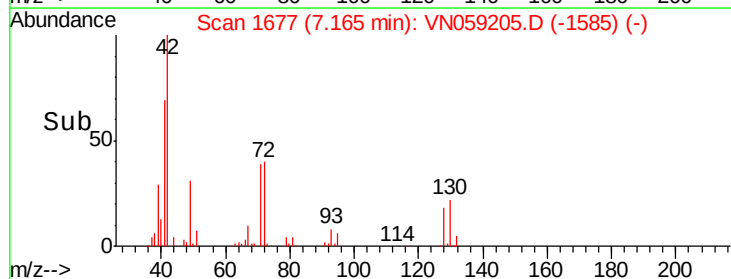
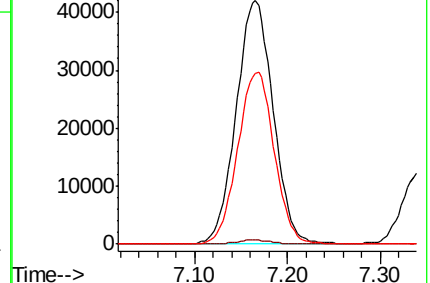
130 69.6 55.6 83.4

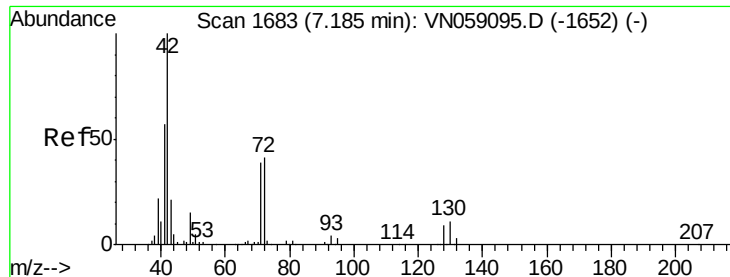


Abundance Ion 48.90 (48.60 to 49.60): VN059205.D (-1585) (-)

Ion 128.80 (128.50 to 129.50): VN059205.D (-1585) (-)

Ion 129.80 (129.50 to 130.50): VN059205.D (-1585) (-)

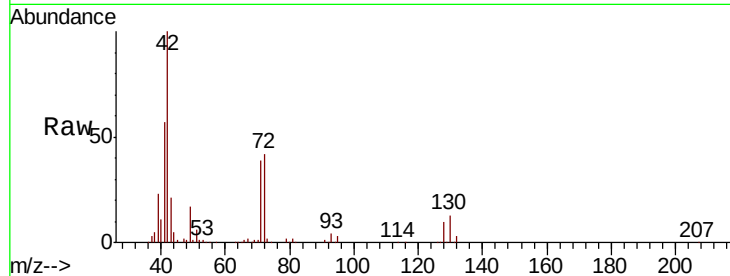




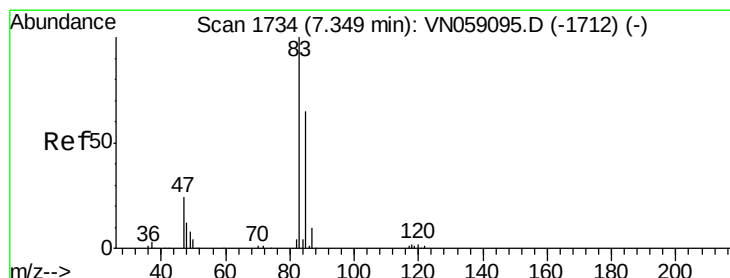
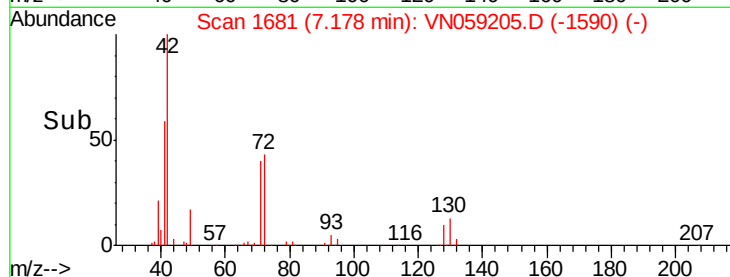
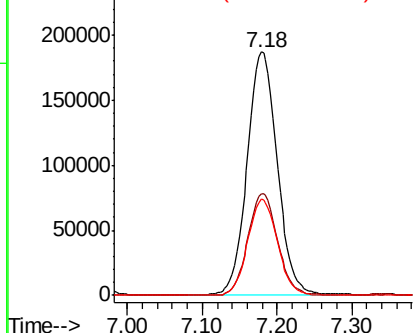
#29
Tetrahydrofuran
Concen: 237.314 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.01 min
Lab File: VN059205.D
Acq: 13 Nov 2019 8:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 525349
Ion Ratio Lower Upper
42 100
72 41.5 33.1 49.7
71 39.0 30.9 46.3

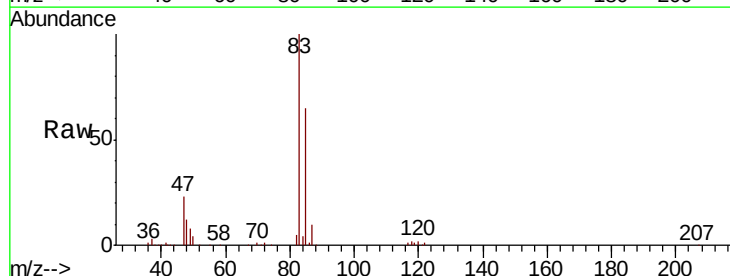


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

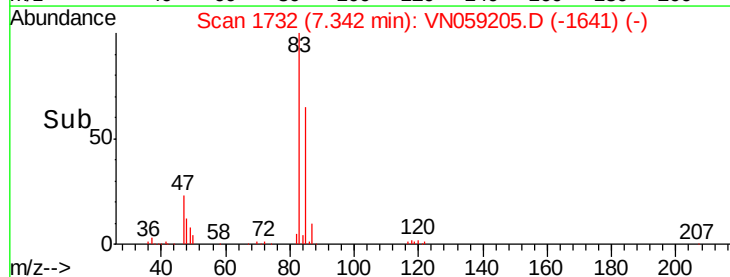
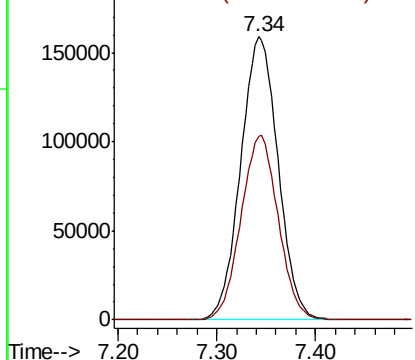


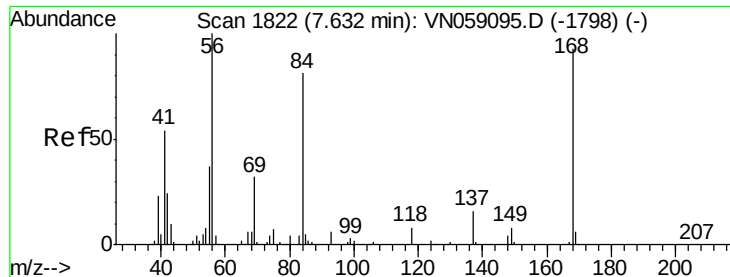
#30
Chloroform
Concen: 51.991 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VN059205.D
Acq: 13 Nov 2019 8:47

Tgt Ion: 83 Resp: 416938
Ion Ratio Lower Upper
83 100
85 65.0 51.8 77.8



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





#31

Cyclohexane

Concen: 46.501 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.01 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

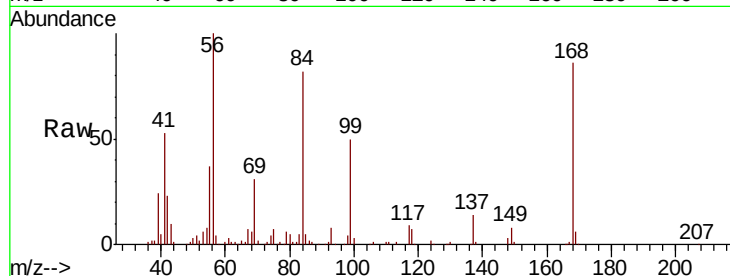
Tot Ion: 56 Resp: 368012

Ion Ratio Lower Upper

56 100

69 31.3 25.8 38.8

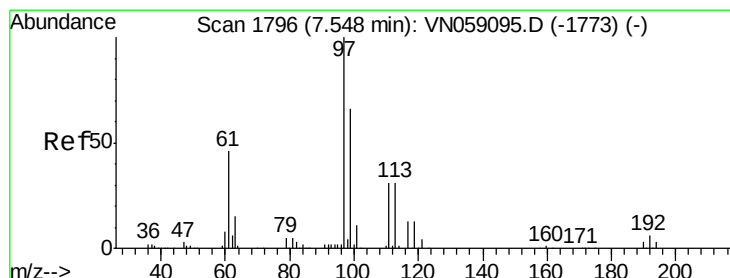
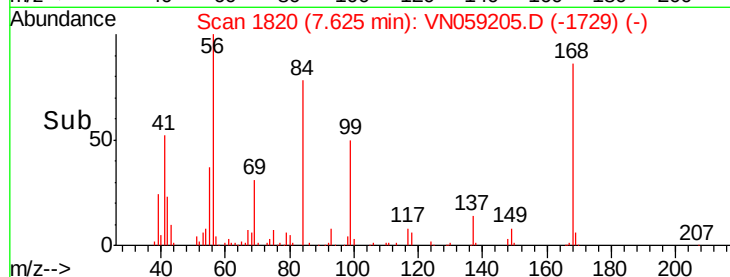
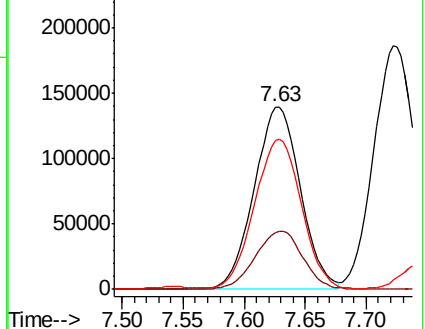
84 80.5 65.0 97.4



Abundance Ion 56.00 (55.70 to 56.70): VN059205.D (-1798) (-)

Ion 69.00 (68.70 to 69.70): VN059205.D (-1798) (-)

Ion 84.00 (83.70 to 84.70): VN059205.D (-1798) (-)



#32

1,1,1-Trichloroethane

Concen: 52.103 ug/l

RT: 7.54 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

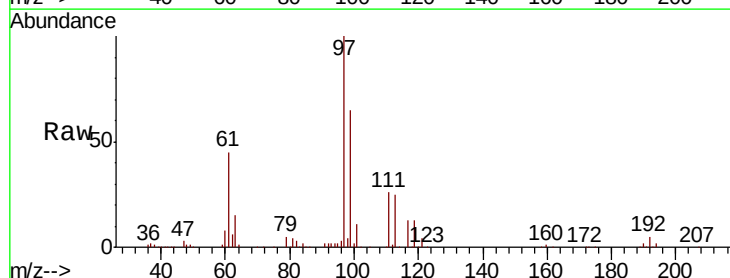
Tgt Ion: 97 Resp: 351291

Ion Ratio Lower Upper

97 100

99 64.9 51.0 76.6

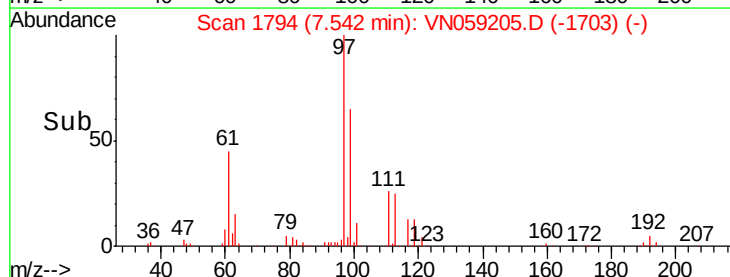
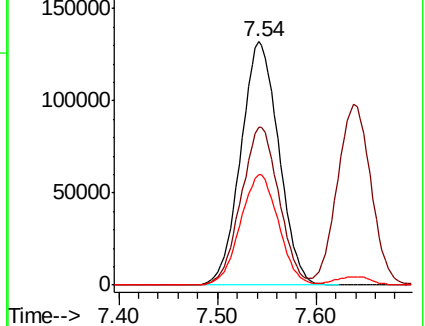
61 45.7 35.8 53.8

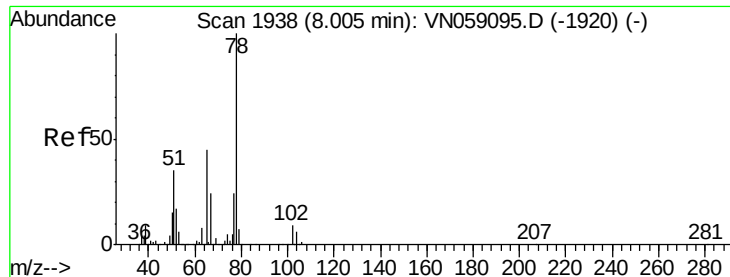


Abundance Ion 96.90 (96.60 to 97.60): VN059205.D (-1703) (-)

Ion 98.90 (98.60 to 99.60): VN059205.D (-1703) (-)

Ion 60.90 (60.60 to 61.60): VN059205.D (-1703) (-)

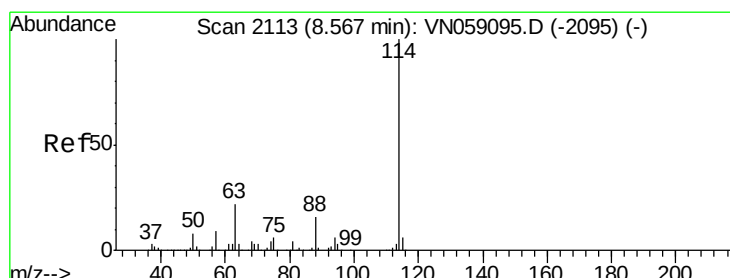
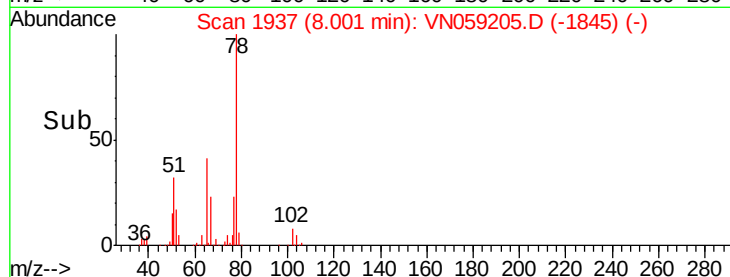
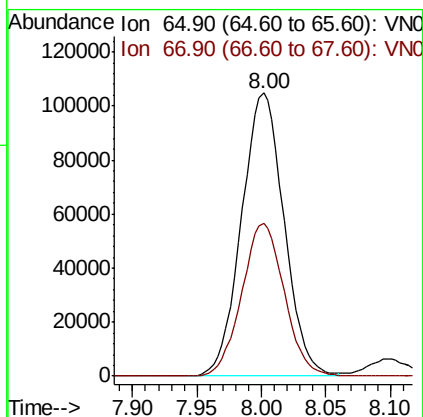
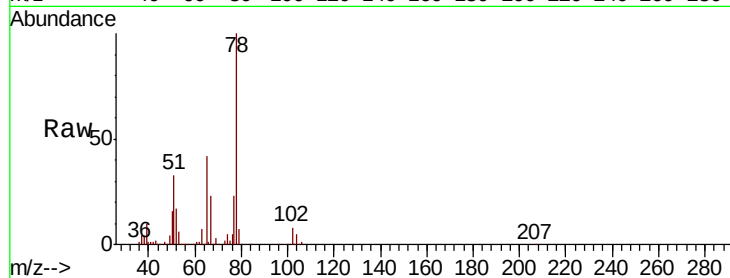




#33
 1,2-Dichloroethane-d4
 Concen: 47.476 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059205.D
 Acq: 13 Nov 2019 8:47

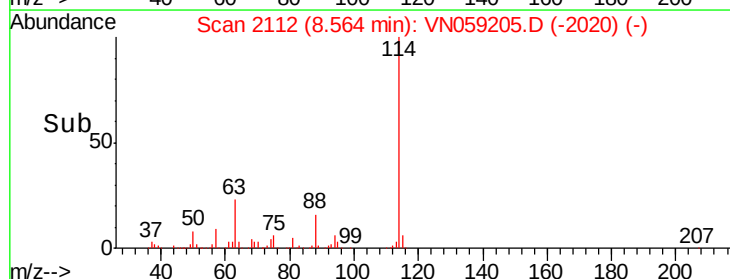
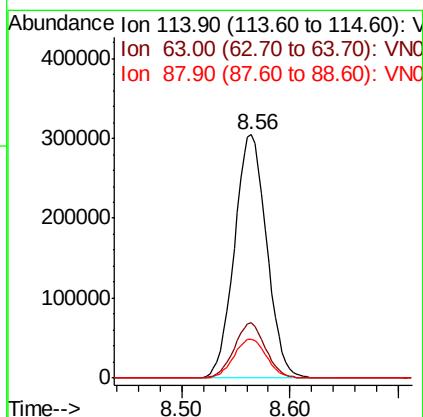
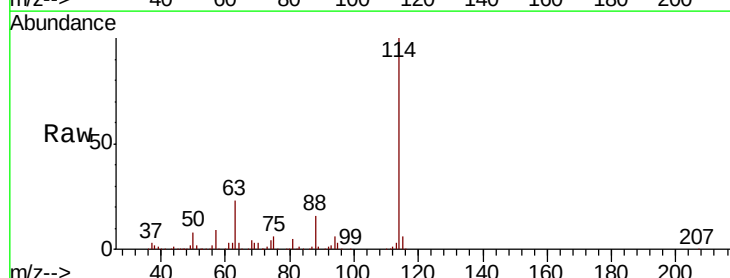
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

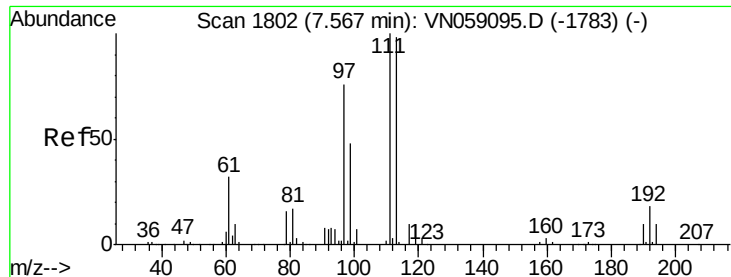
Tot Ion: 65 Resp: 241345
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059205.D
 Acq: 13 Nov 2019 8:47

Tgt Ion: 114 Resp: 634855
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.4
 88 16.1 0.0 32.2

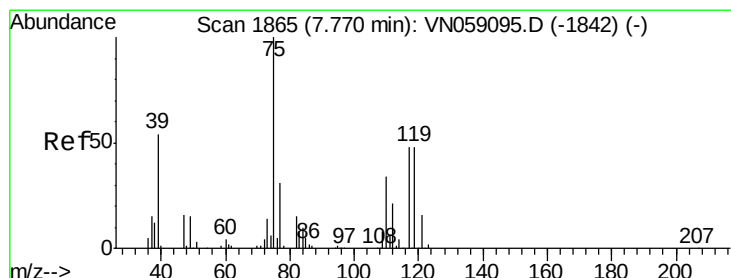
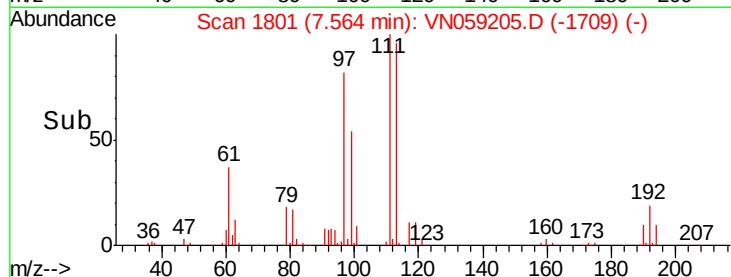
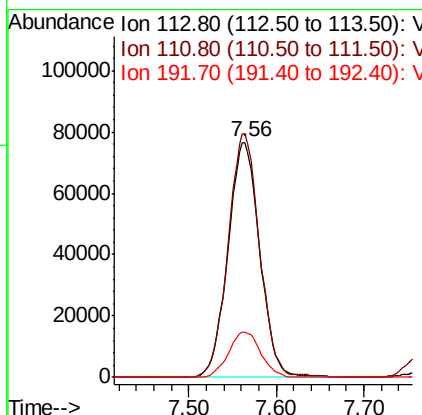
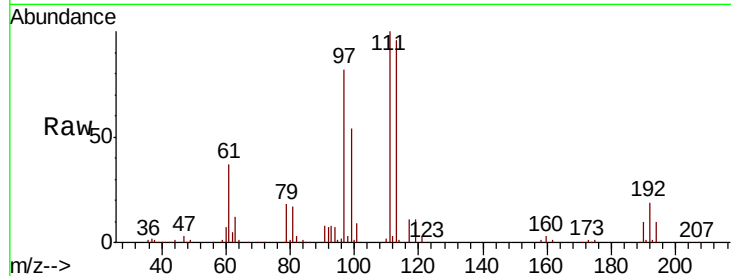




#35
Dibromofluoromethane
Concen: 50.878 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN059205.D
Acq: 13 Nov 2019 8:47

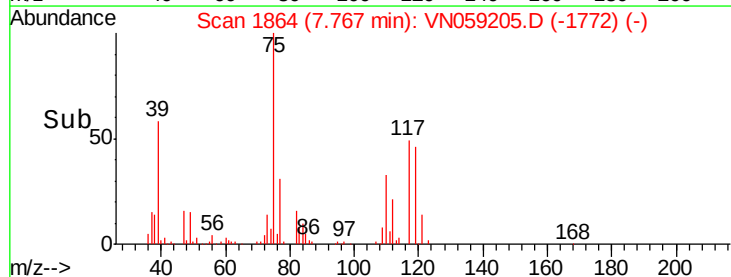
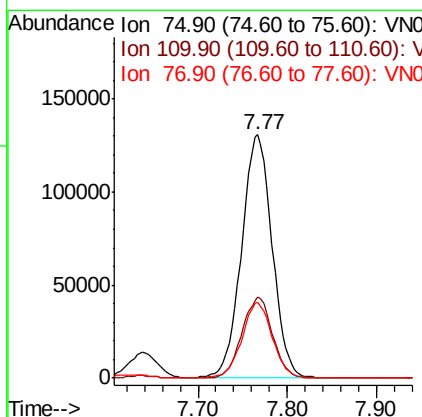
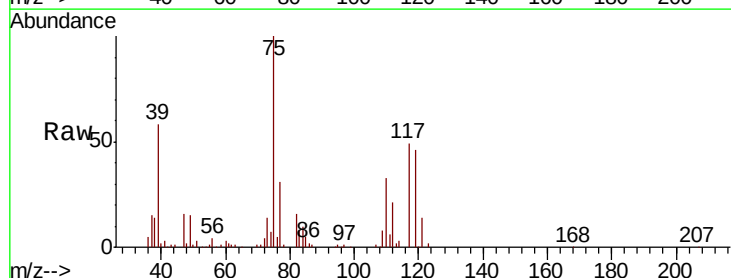
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

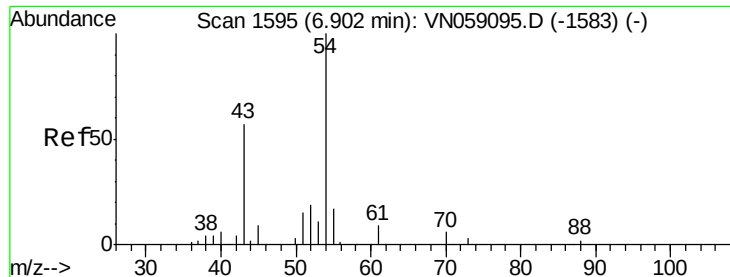
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.8	124.2
192	19.6	16.1	24.1



#36
1,1-Dichloropropene
Concen: 52.238 ug/l
RT: 7.77 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN059205.D
Acq: 13 Nov 2019 8:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.3	17.1	51.2
77	31.2	24.8	37.2

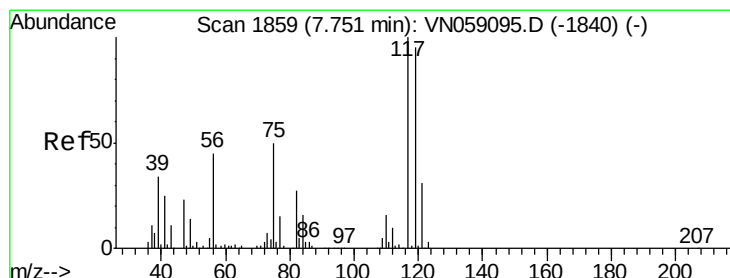
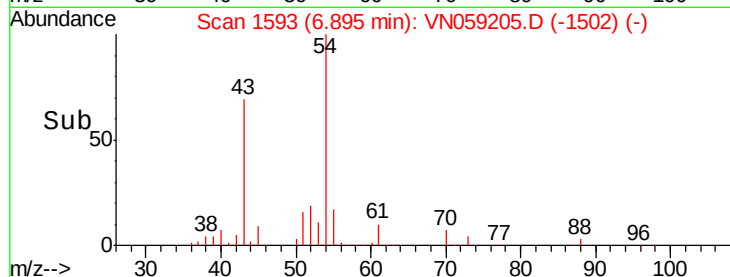
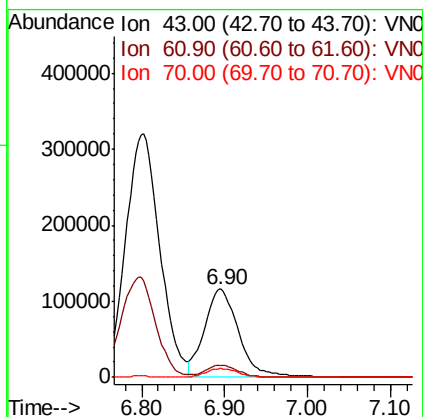
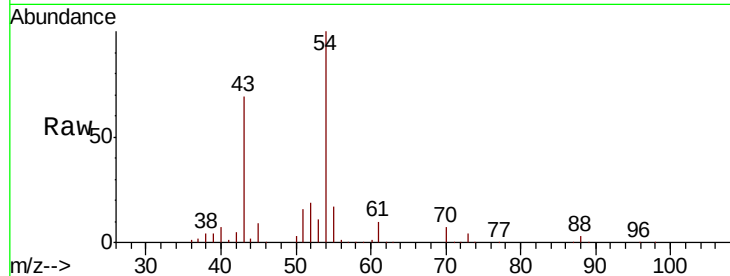




#37
Ethyl Acetate
Concen: 50.063 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. -0.01 min
Lab File: VN059205.D
Acq: 13 Nov 2019 8:47

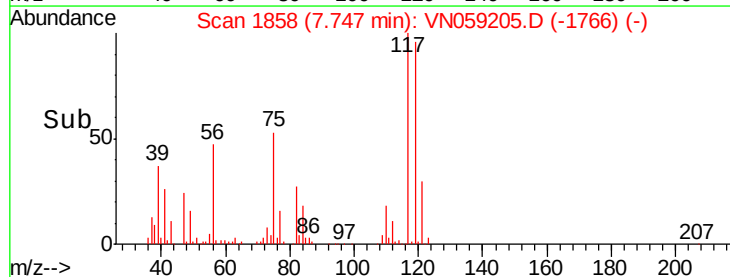
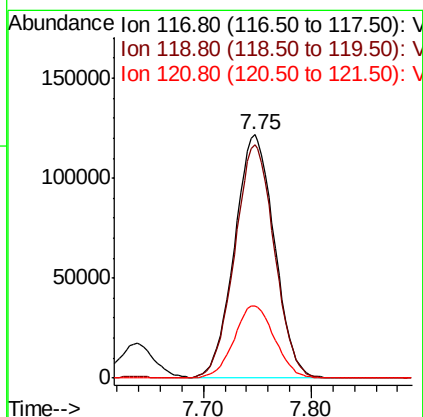
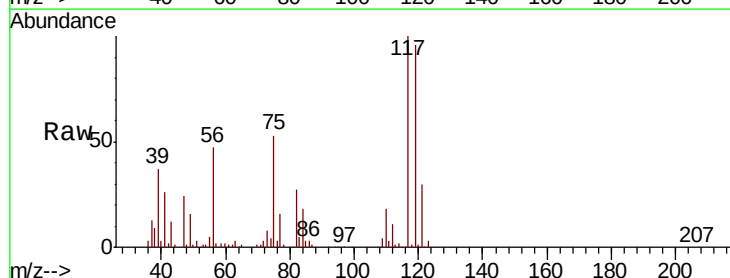
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

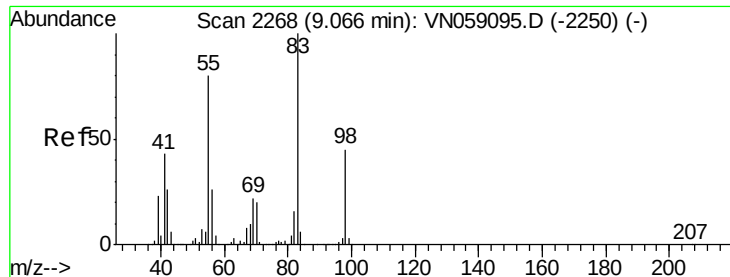
Tot Ion: 43 Resp: 330485
Ion Ratio Lower Upper
43 100
61 13.7 11.2 16.8
70 9.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 53.040 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN059205.D
Acq: 13 Nov 2019 8:47

Tgt Ion: 117 Resp: 313267
Ion Ratio Lower Upper
117 100
119 95.8 75.6 113.4
121 29.9 24.6 36.8

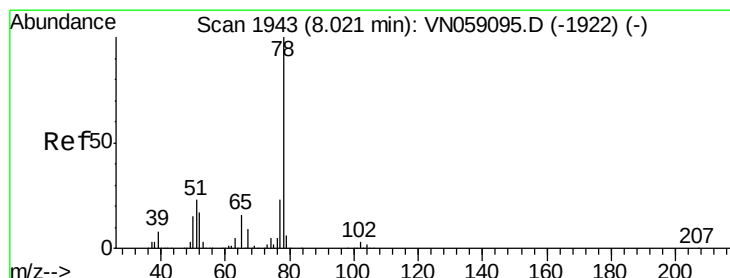
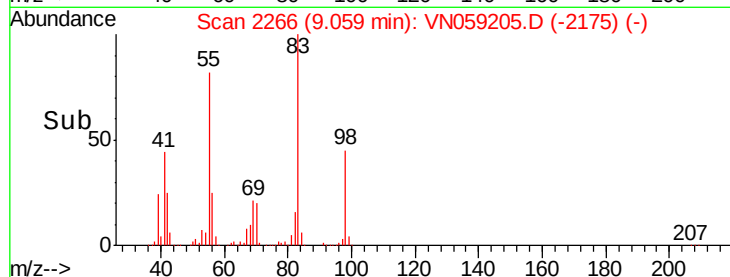
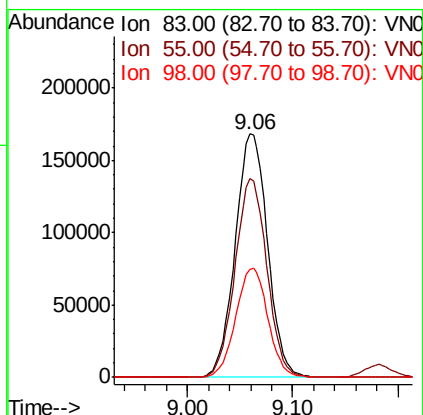
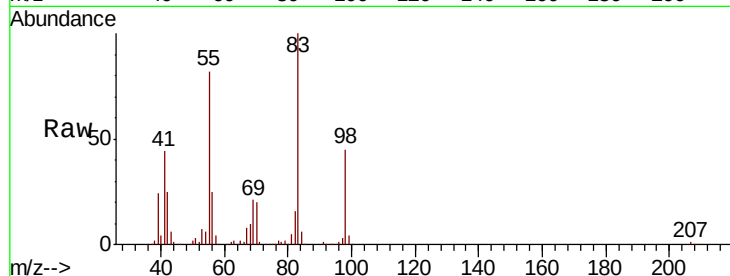




#39
Methylvlcyclohexane
Concen: 51.987 ug/l
RT: 9.06 min Scan# 2266
Delta R.T. -0.01 min
Lab File: VN059205.D
Acq: 13 Nov 2019 8:47

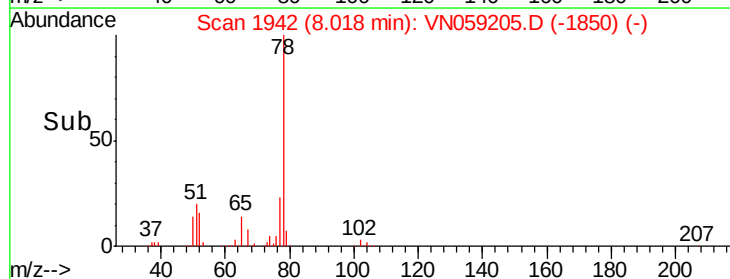
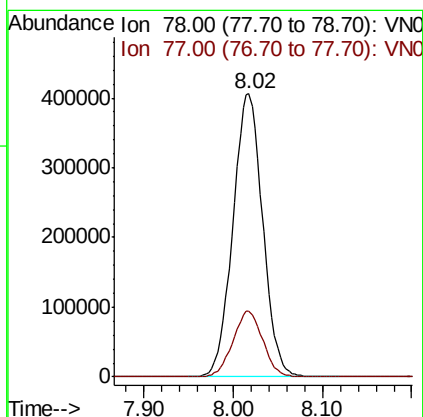
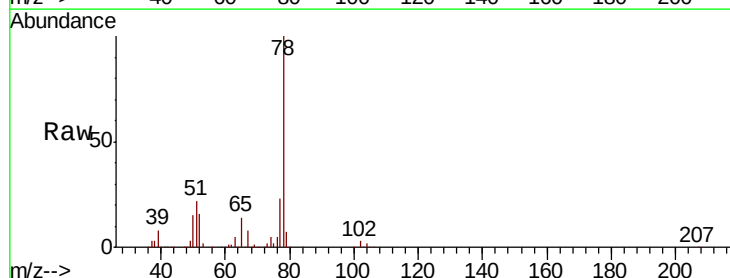
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

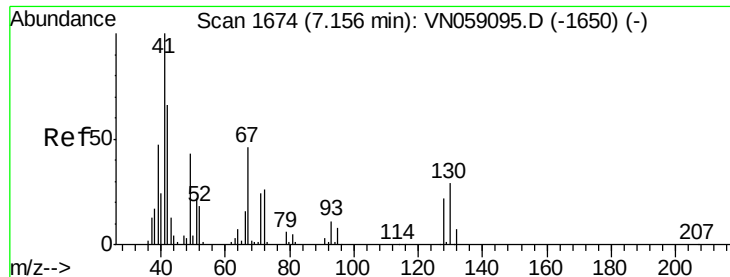
Tot Ion: 83 Resp: 358036
Ion Ratio Lower Upper
83 100
55 81.7 63.9 95.9
98 44.6 35.6 53.4



#40
Benzene
Concen: 52.581 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059205.D
Acq: 13 Nov 2019 8:47

Tgt Ion: 78 Resp: 939589
Ion Ratio Lower Upper
78 100
77 23.2 18.8 28.2

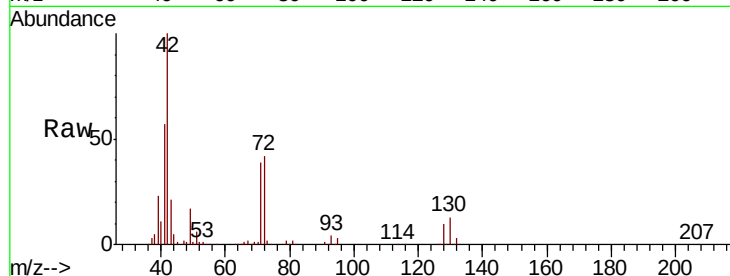




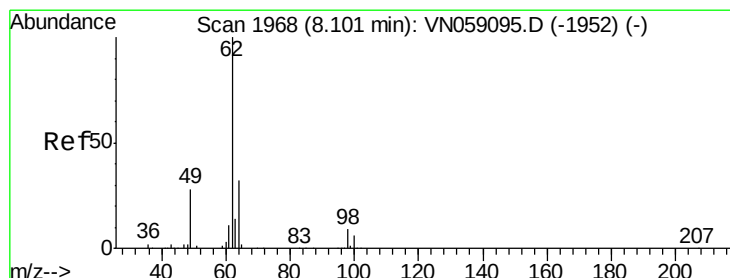
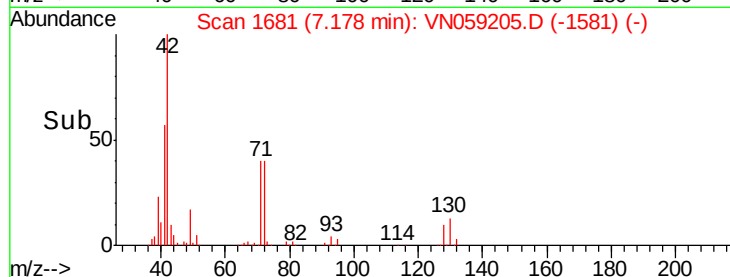
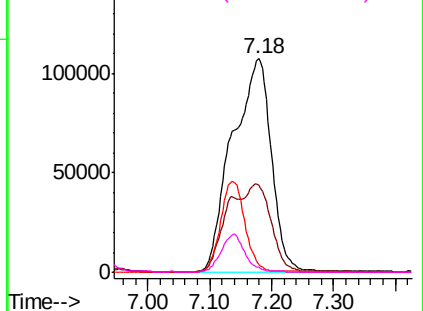
#41
Methacrylonitrile
Concen: 163.433 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.02 min
Lab File: VN059205.D
Acq: 13 Nov 2019 8:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	469150
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

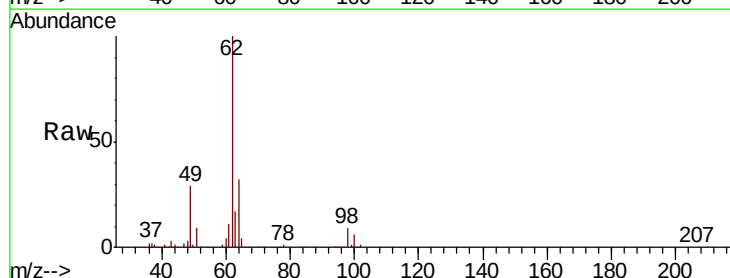


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

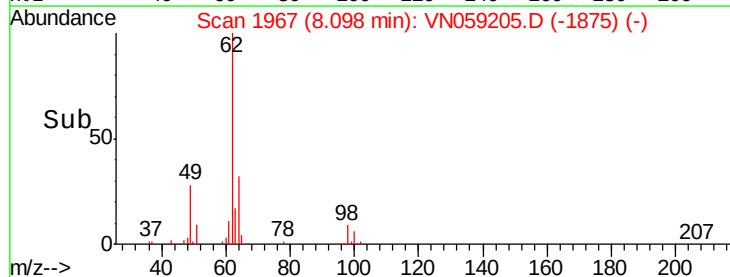
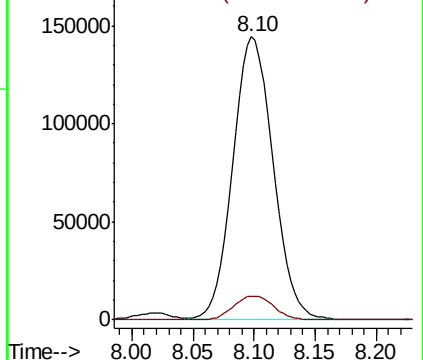


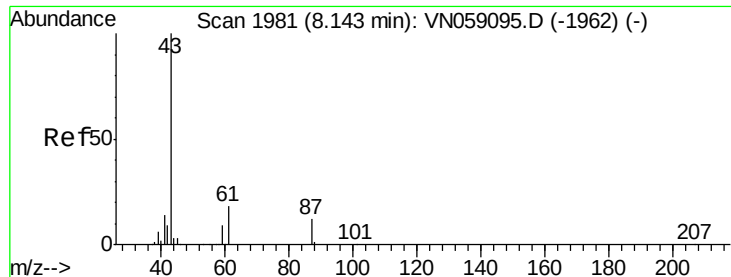
#42
1,2-Dichloroethane
Concen: 53.614 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN059205.D
Acq: 13 Nov 2019 8:47

Tgt Ion:	62	Resp:	328587
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 49.978 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

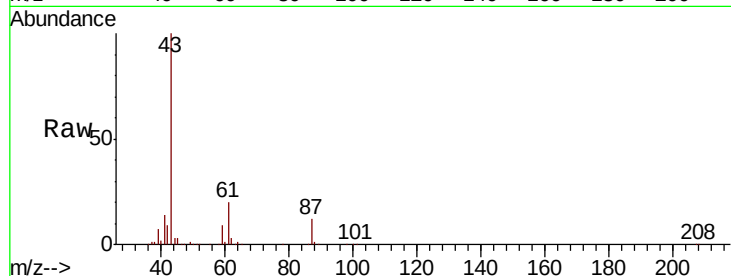
Tot Ion: 43 Resp: 525991

Ion Ratio Lower Upper

43 100

61 26.6 21.0 31.6

87 12.4 9.8 14.6

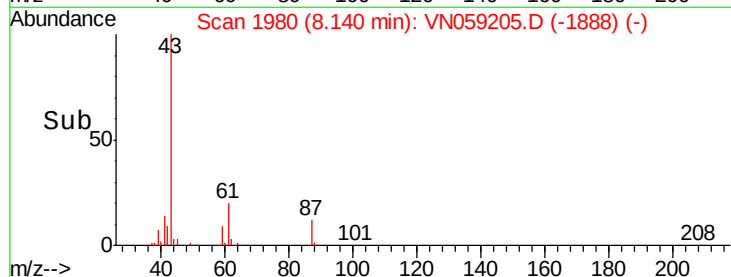


Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-1962) (-)

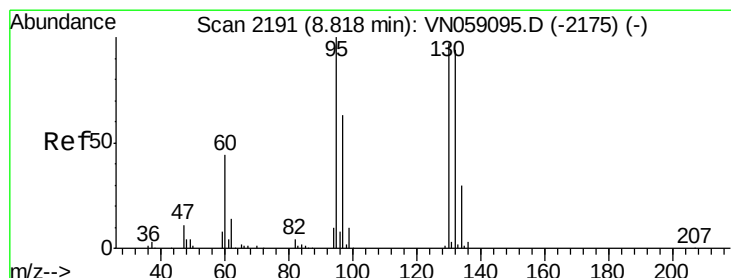
Ion 61.00 (60.70 to 61.70): VN059095.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN059095.D (-1962) (-)

8.14



Time-->



#44

Trichloroethene

Concen: 52.603 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN059205.D

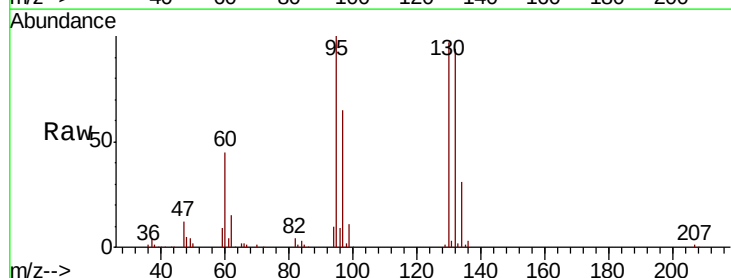
Acq: 13 Nov 2019 8:47

Tgt Ion: 130 Resp: 231063

Ion Ratio Lower Upper

130 100

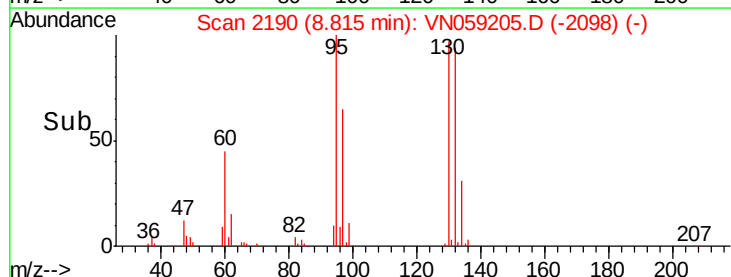
95 102.8 0.0 206.4



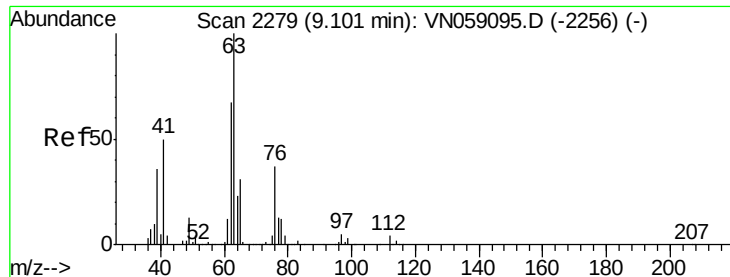
Abundance Ion 129.80 (129.50 to 130.50): VN059095.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN059095.D (-2175) (-)

8.81



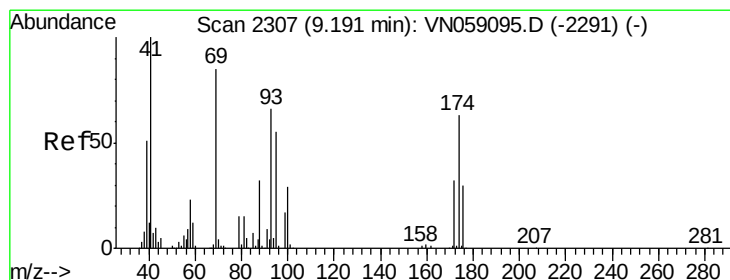
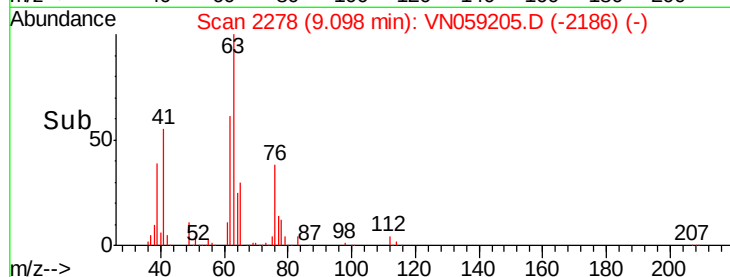
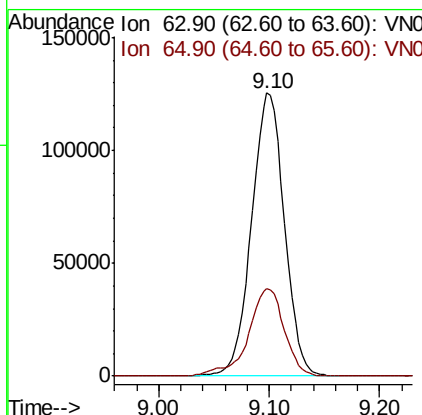
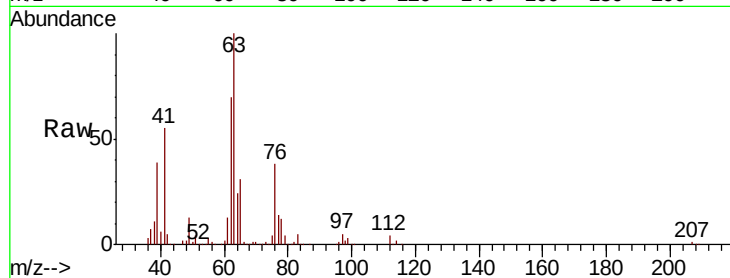
Time-->



#45
 1,2-Dichloropropane
 Concen: 53.371 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN059205.D
 Acq: 13 Nov 2019 8:47

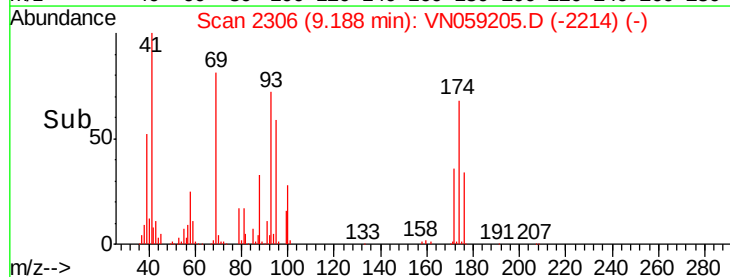
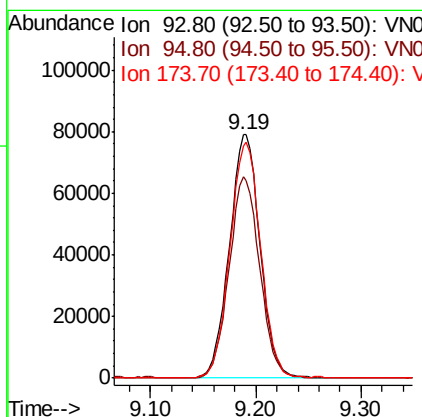
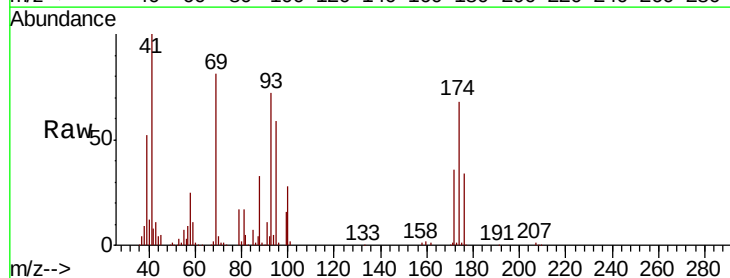
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

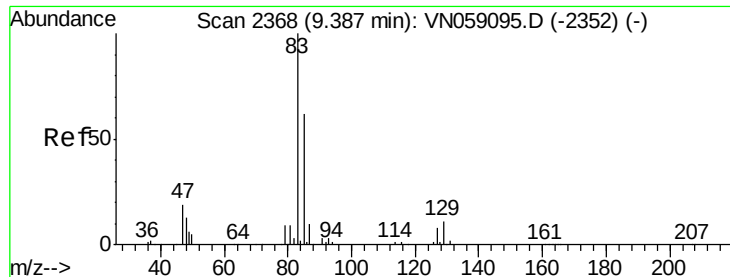
Tot Ion: 63 Resp: 259045
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.6 37.0



#46
 Dibromomethane
 Concen: 52.448 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN059205.D
 Acq: 13 Nov 2019 8:47

Tgt Ion: 93 Resp: 158631
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.6 100.0
 174 97.2 78.2 117.2

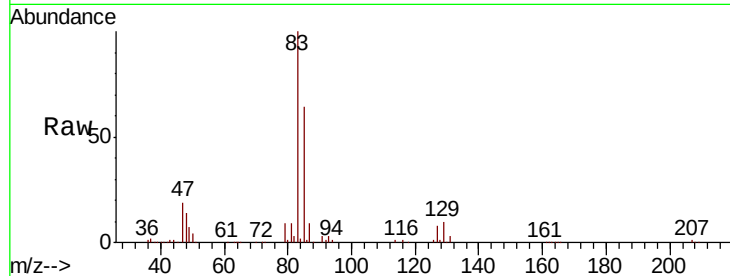




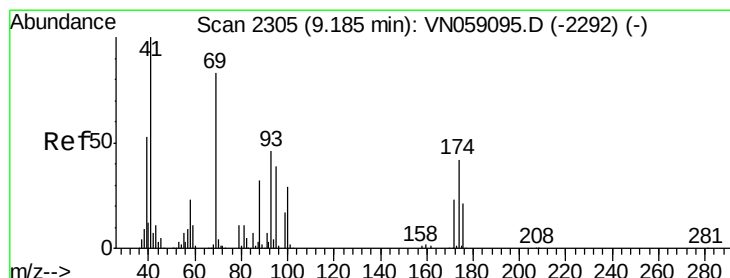
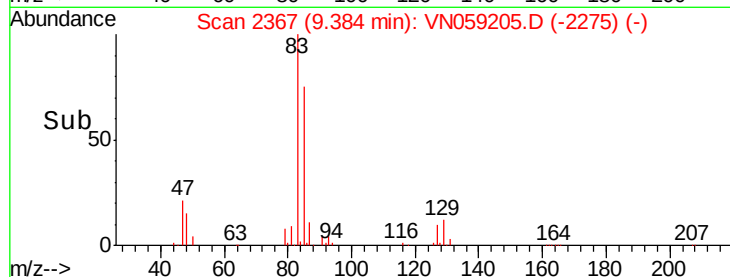
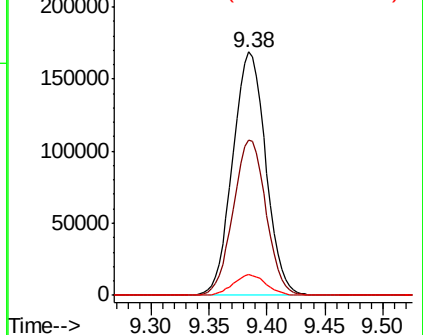
#47
Bromodichloromethane
Concen: 55.349 ug/l
RT: 9.38 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN059205.D
Acq: 13 Nov 2019 8:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 334285
Ion Ratio Lower Upper
83 100
85 64.0 49.7 74.5
127 8.4 6.4 9.6

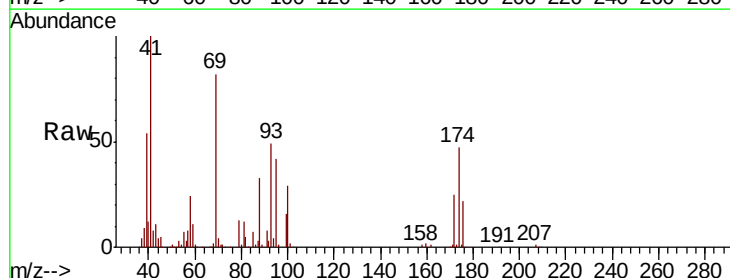


Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO

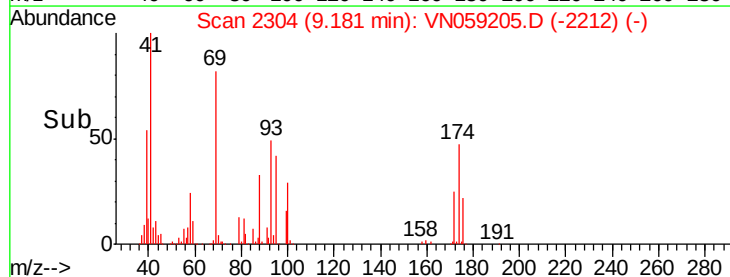
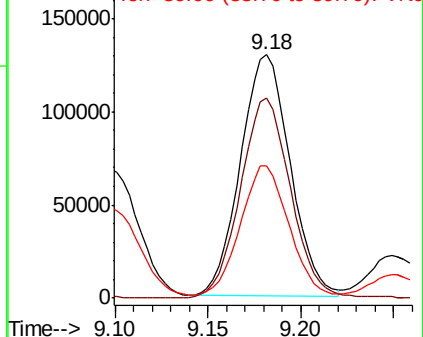


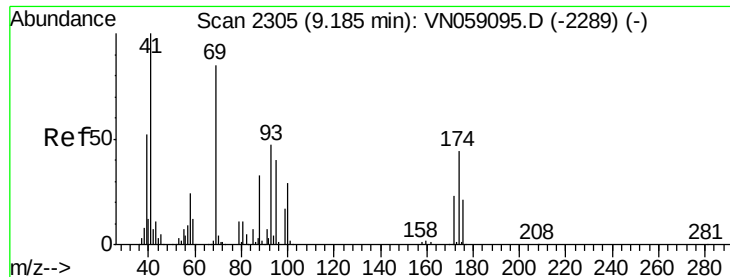
#48
Methyl methacrylate
Concen: 51.148 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.00 min
Lab File: VN059205.D
Acq: 13 Nov 2019 8:47

Tgt Ion: 41 Resp: 240780
Ion Ratio Lower Upper
41 100
69 84.2 67.3 100.9
39 54.4 43.3 64.9



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

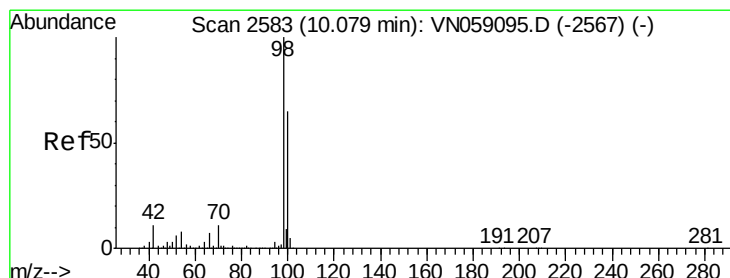
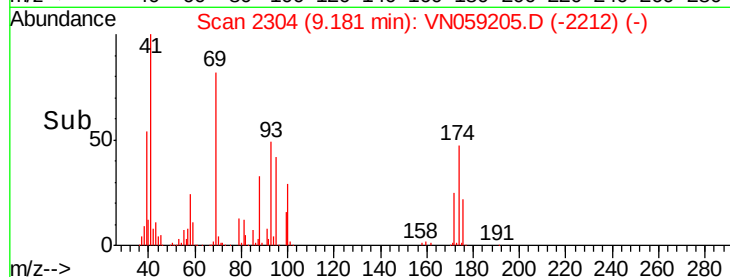
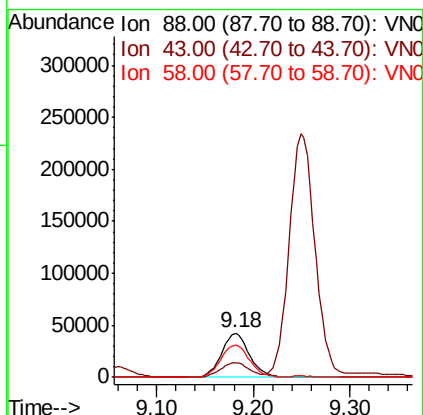
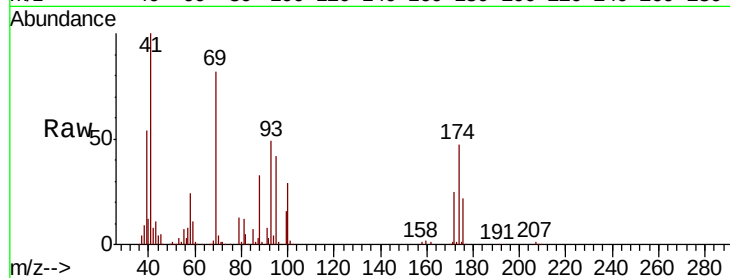




#49
1,4-Dioxane
Concen: 1022.681 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.00 min
Lab File: VN059205.D
Acq: 13 Nov 2019 8:47

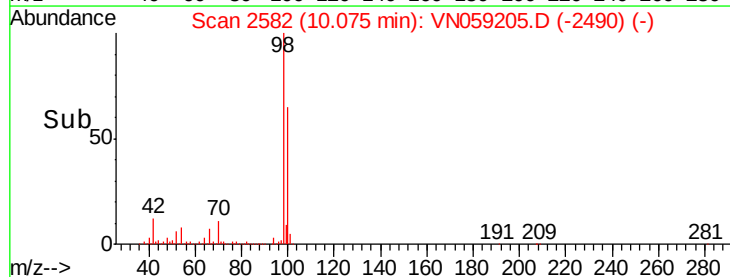
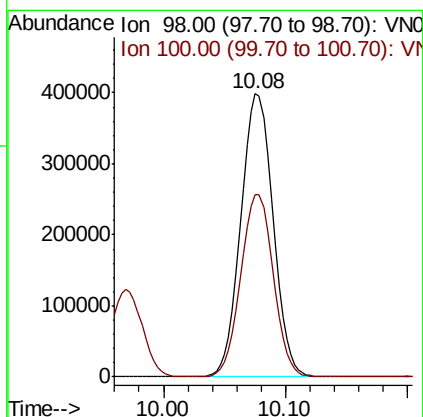
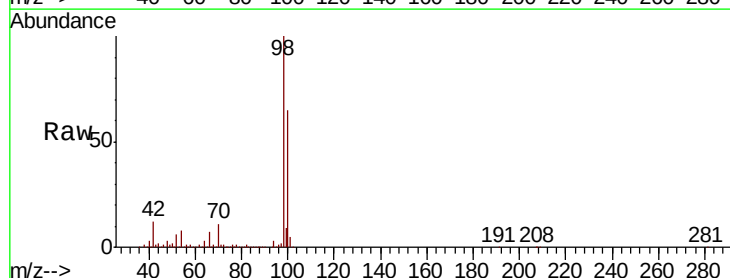
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

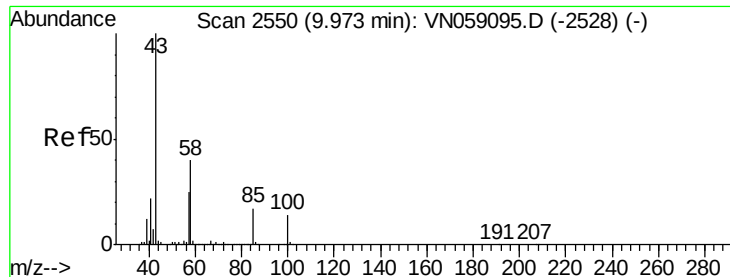
Tot Ion	88	Resp	85557
Ion	Ratio	Lower	Upper
88	100		
43	32.4	26.3	39.5
58	75.1	60.6	90.8



#50
Toluene-d8
Concen: 48.739 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN059205.D
Acq: 13 Nov 2019 8:47

Tgt Ion	98	Resp	727734
Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 271.595 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

Instrument :

MSVOA_N

ClientSampleId :

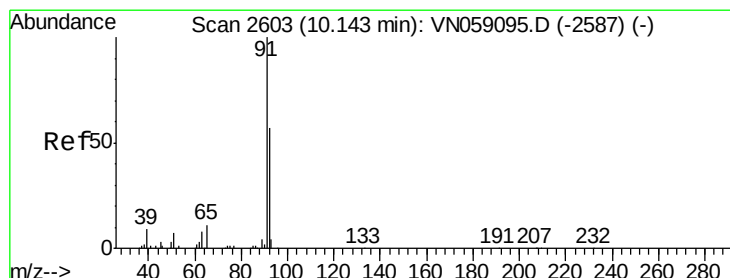
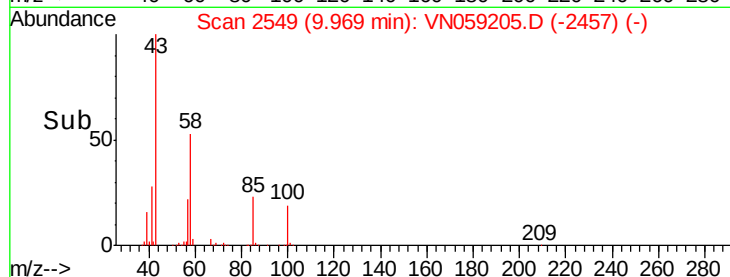
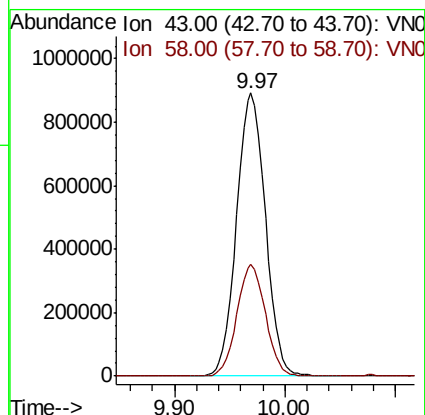
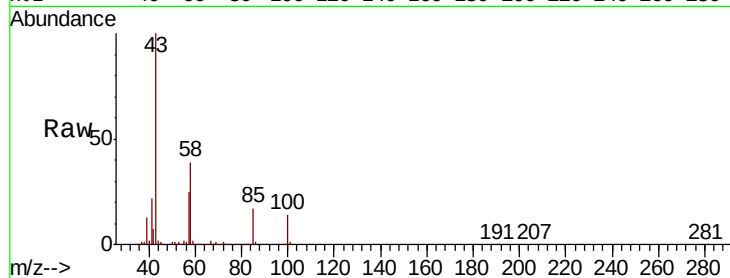
VSTDCCC050

Tot Ion: 43 Resp: 1617336

Ion Ratio Lower Upper

43 100

58 38.9 31.5 47.3



#52

Toluene

Concen: 53.354 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN059205.D

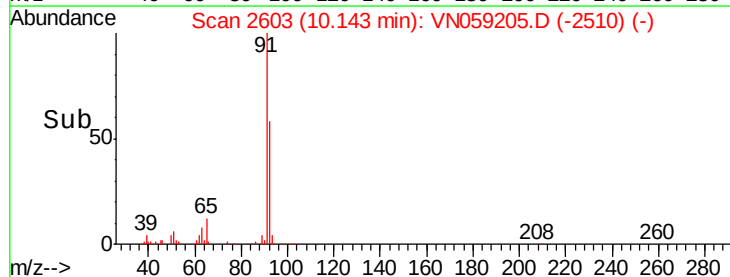
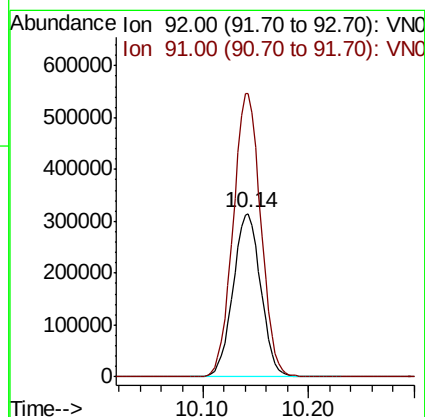
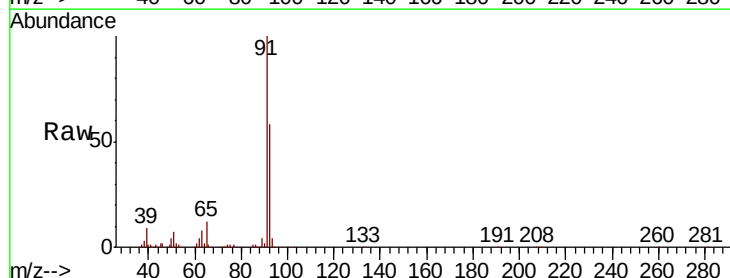
Acq: 13 Nov 2019 8:47

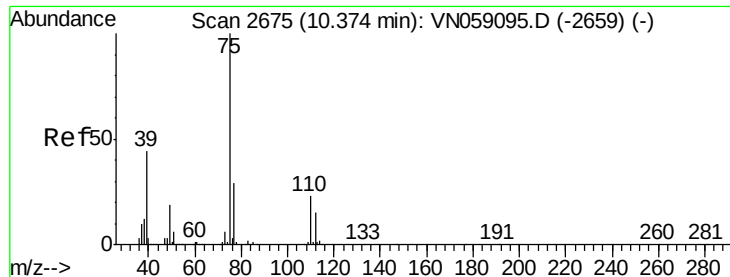
Tgt Ion: 92 Resp: 571442

Ion Ratio Lower Upper

92 100

91 173.8 139.5 209.3





#53

t-1,3-Dichloropropene

Concen: 53.982 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

Instrument :

MSVOA_N

ClientSampleId :

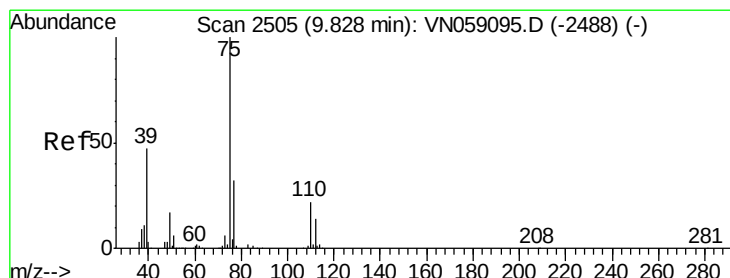
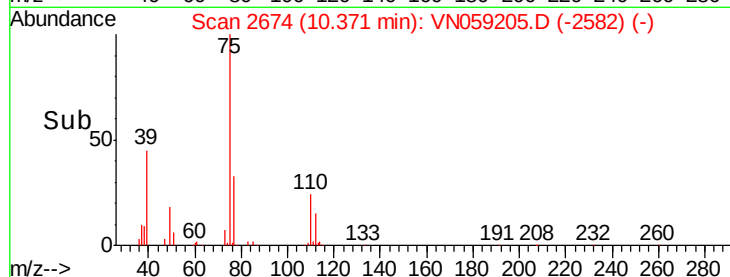
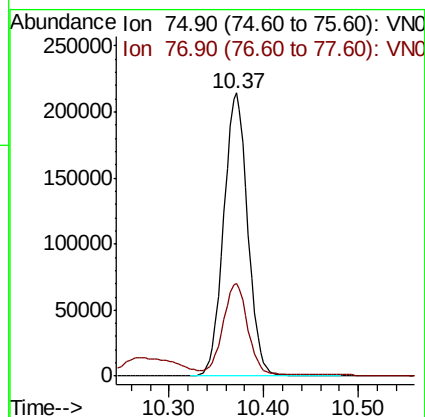
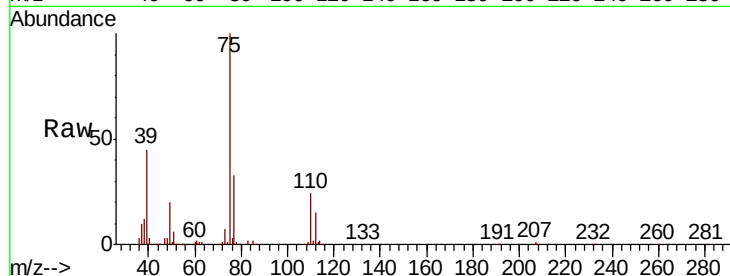
VSTDCCC050

Tot Ion: 75 Resp: 376668

Ion Ratio Lower Upper

75 100

77 32.4 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 54.567 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

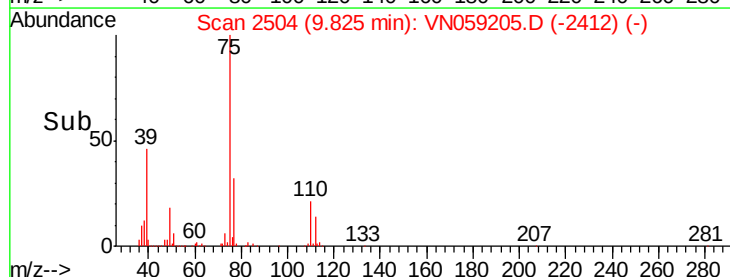
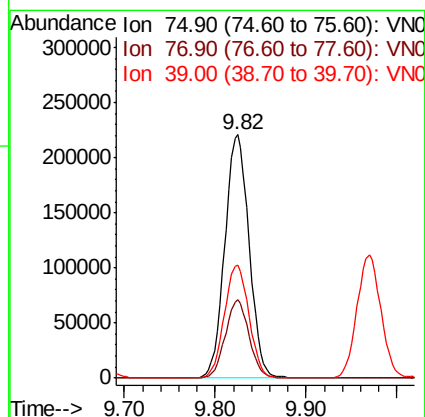
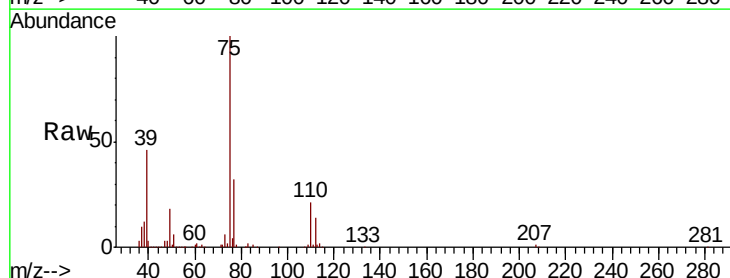
Tgt Ion: 75 Resp: 409566

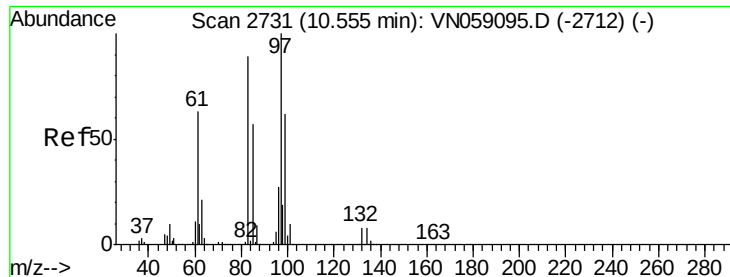
Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3

39 46.1 37.3 55.9

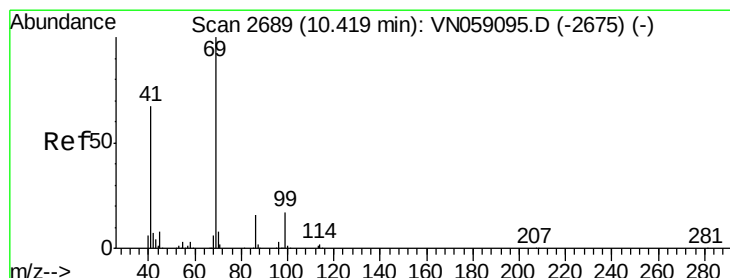
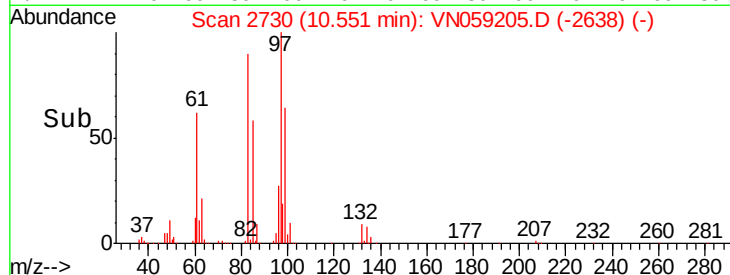
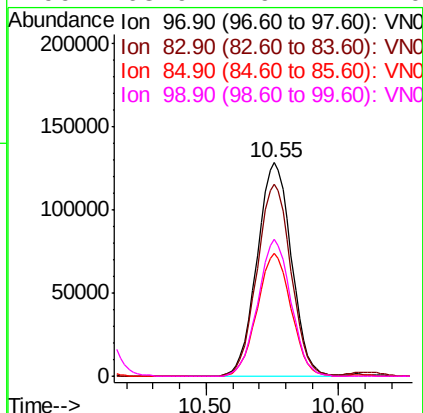
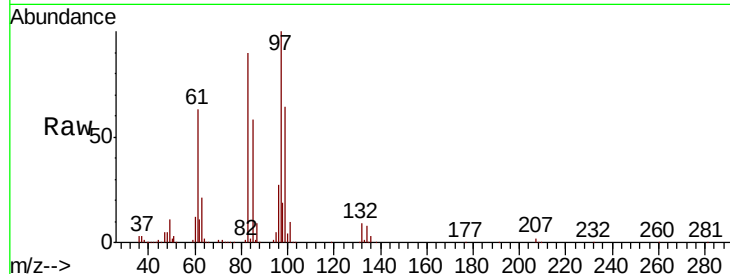




#55
 1,1,2-Trichloroethane
 Concen: 53.453 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN059205.D
 Acq: 13 Nov 2019 8:47

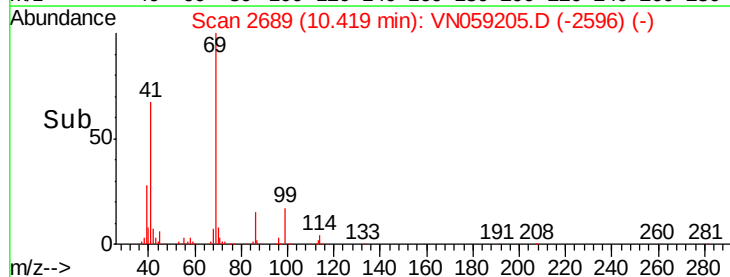
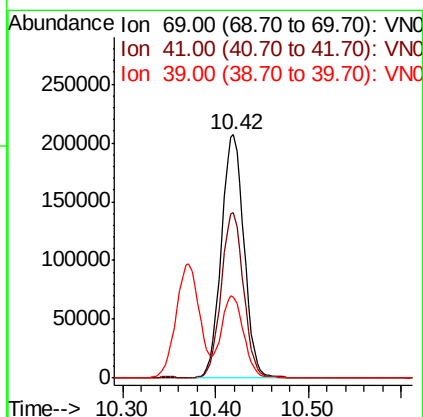
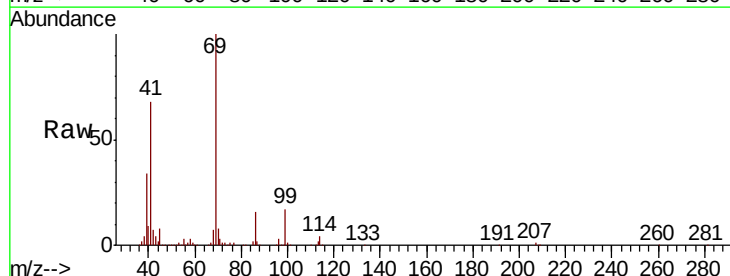
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

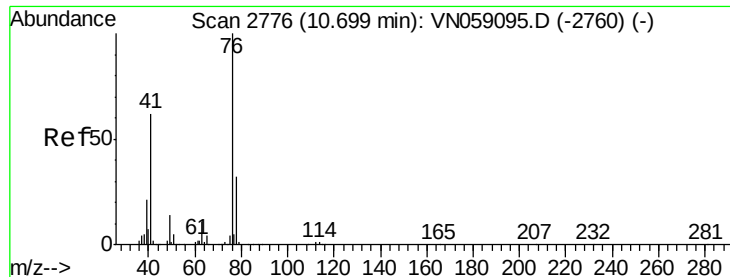
Tot Ion:	97	Resp:	231696
Ion	Ratio	Lower	Upper
97	100		
83	90.0	71.0	106.4
85	57.8	45.8	68.8
99	63.9	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 48.672 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. 0.00 min
 Lab File: VN059205.D
 Acq: 13 Nov 2019 8:47

Tgt Ion:	69	Resp:	351511
Ion	Ratio	Lower	Upper
69	100		
41	66.7	53.6	80.4
39	32.4	26.2	39.4





#57

1,3-Dichloropropane

Concen: 54.023 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

Instrument :

MSVOA_N

ClientSampleId :

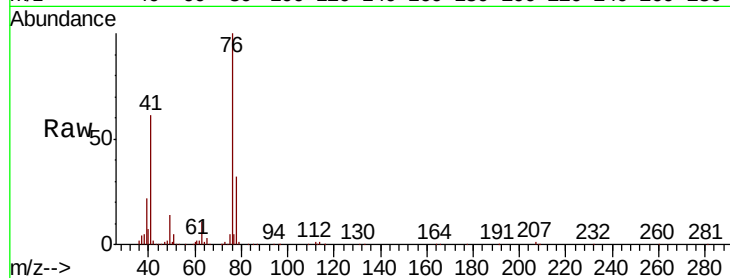
VSTDCCC050

Tot Ion: 76 Resp: 403032

Ion Ratio Lower Upper

76 100

78 31.5 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.70

250000

200000

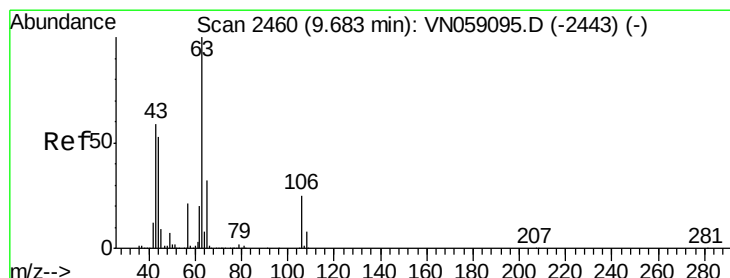
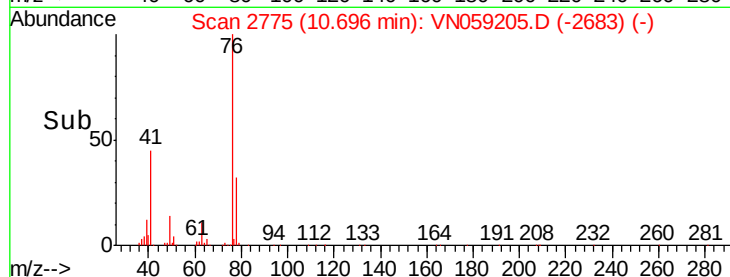
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 287.793 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN059205.D

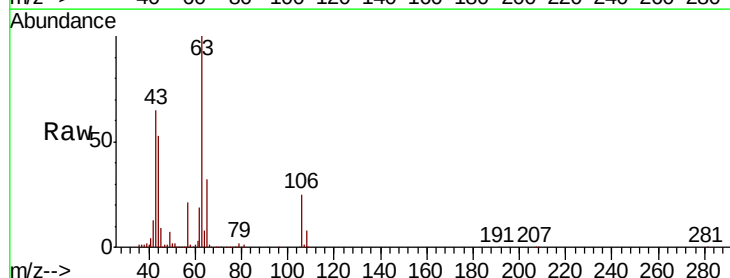
Acq: 13 Nov 2019 8:47

Tgt Ion: 63 Resp: 694250

Ion Ratio Lower Upper

63 100

106 25.1 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.68

400000

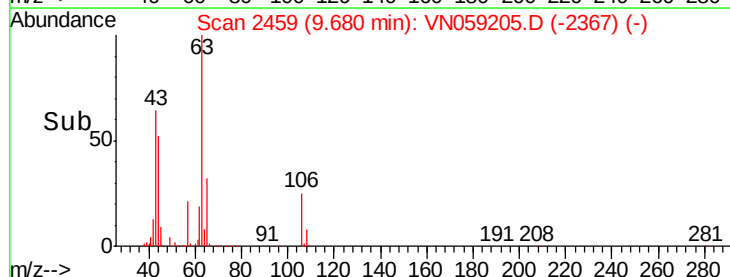
300000

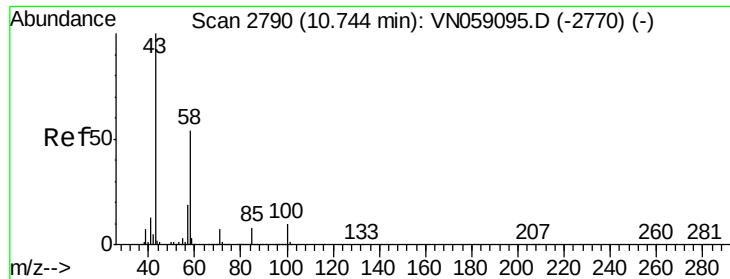
200000

100000

0

Time-->

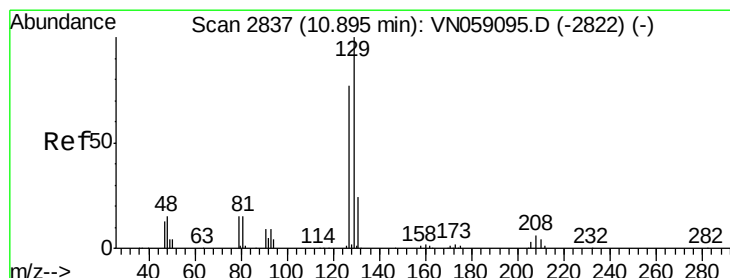
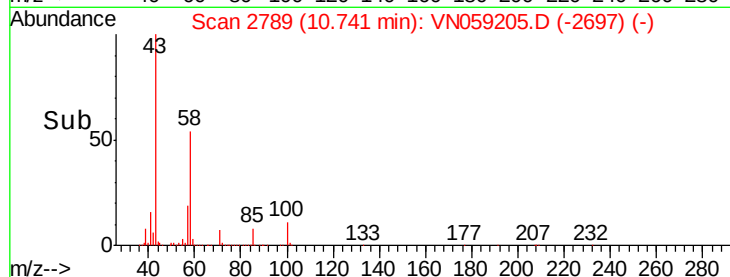
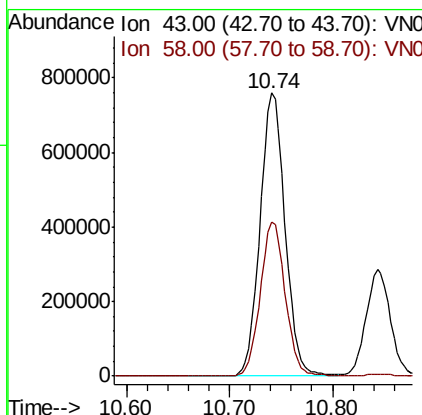
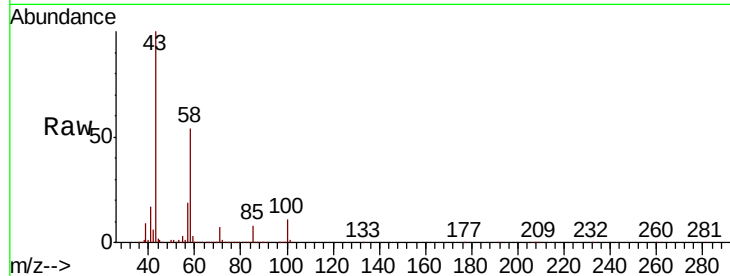




#59
2-Hexanone
Concen: 278.608 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN059205.D
Acq: 13 Nov 2019 8:47

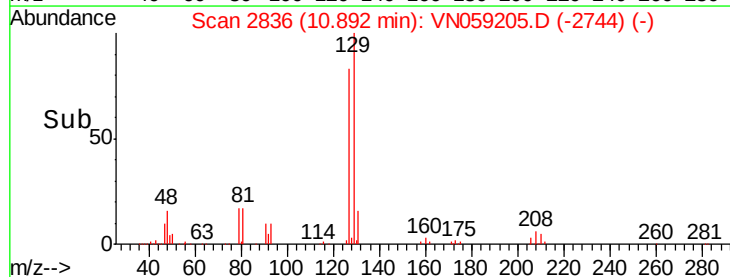
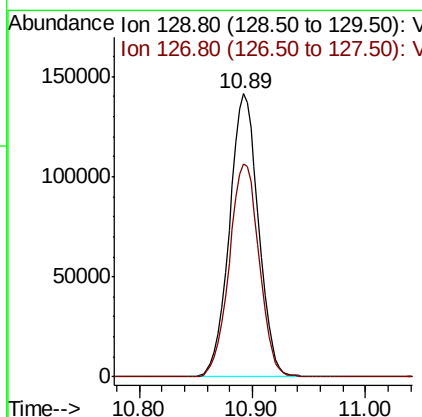
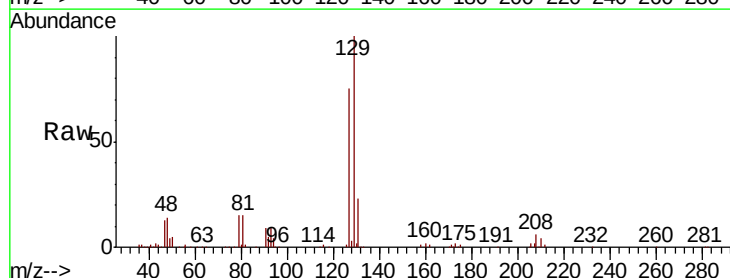
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

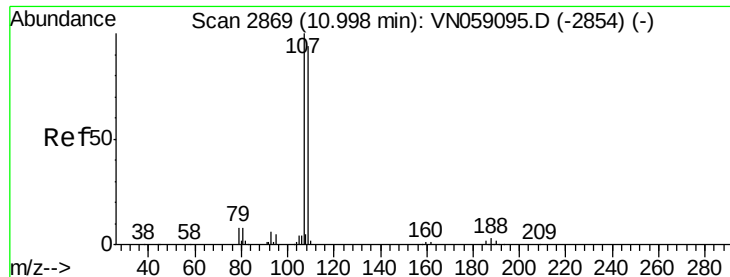
Tot Ion: 43 Resp: 1273433
Ion Ratio Lower Upper
43 100
58 54.5 27.3 81.8



#60
Dibromochloromethane
Concen: 54.987 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN059205.D
Acq: 13 Nov 2019 8:47

Tgt Ion: 129 Resp: 252002
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8

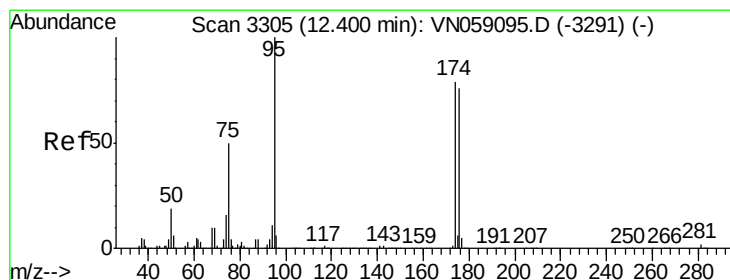
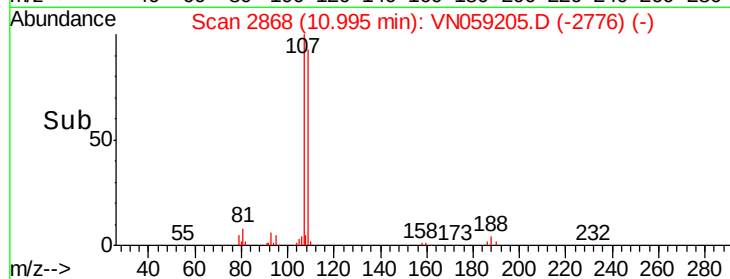
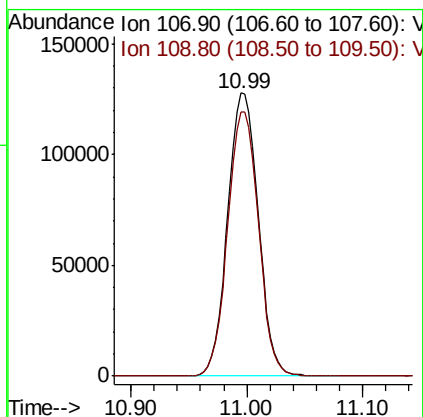
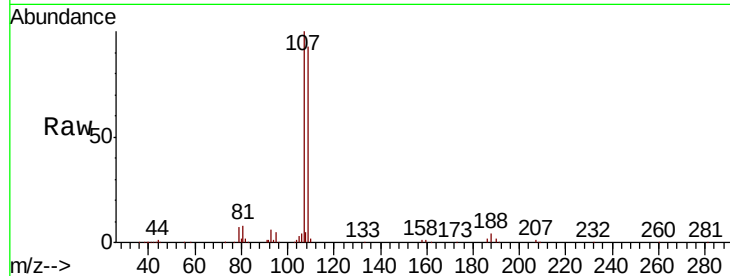




#61
 1,2-Dibromoethane
 Concen: 53.417 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059205.D
 Acq: 13 Nov 2019 8:47

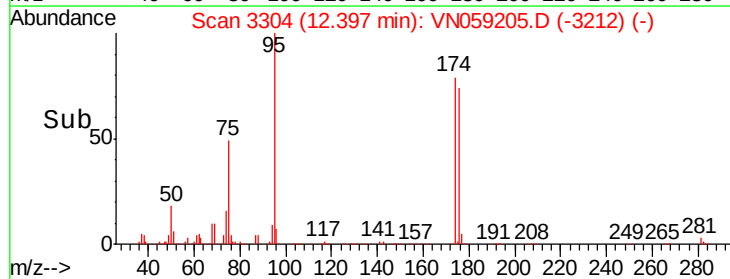
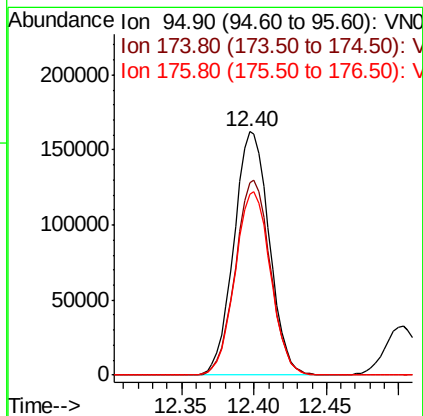
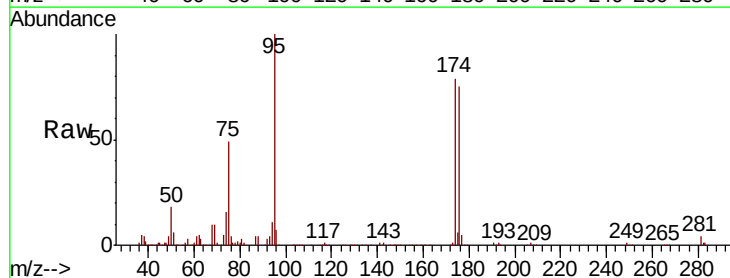
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

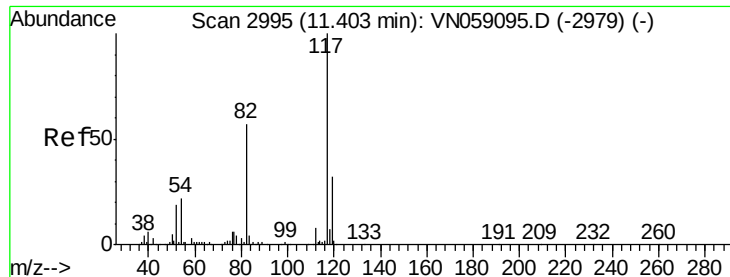
Tot Ion: 107 Resp: 234393
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 51.016 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN059205.D
 Acq: 13 Nov 2019 8:47

Tgt Ion: 95 Resp: 274654
 Ion Ratio Lower Upper
 95 100
 174 79.3 0.0 158.2
 176 75.7 0.0 151.8

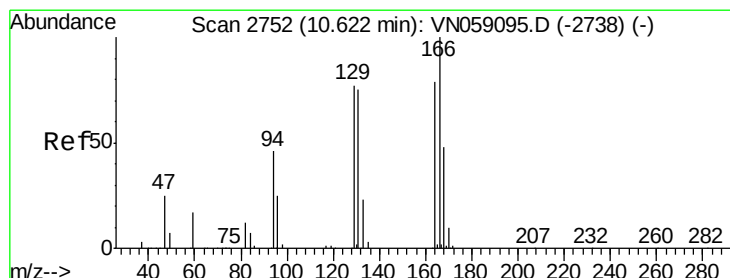
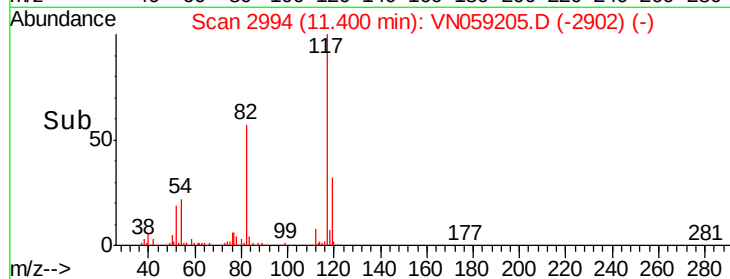
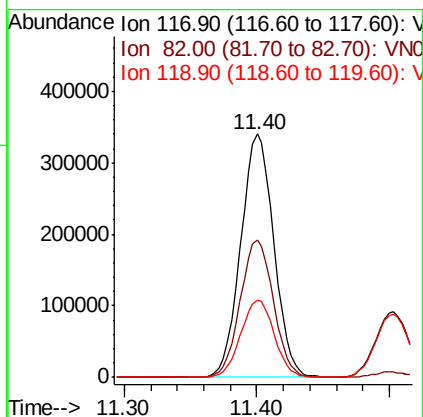
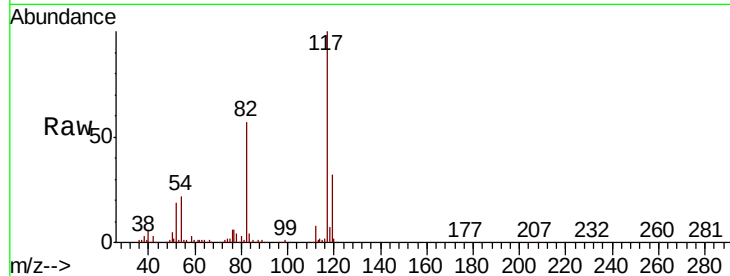




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059205.D
Acq: 13 Nov 2019 8:47

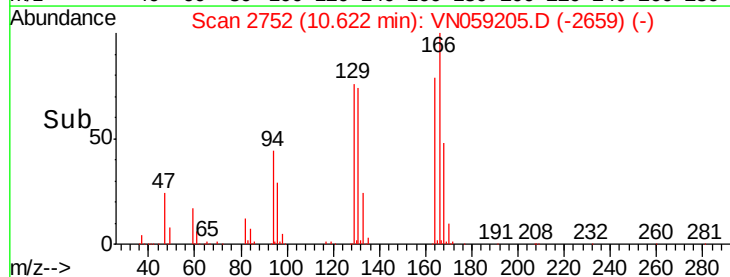
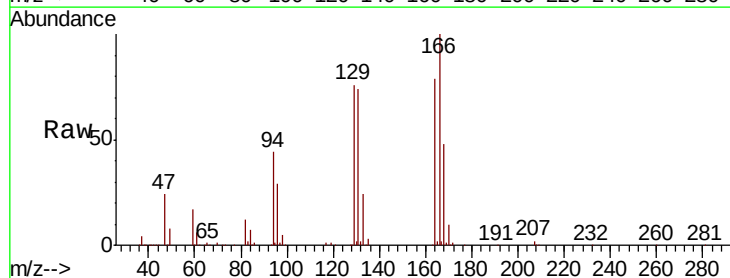
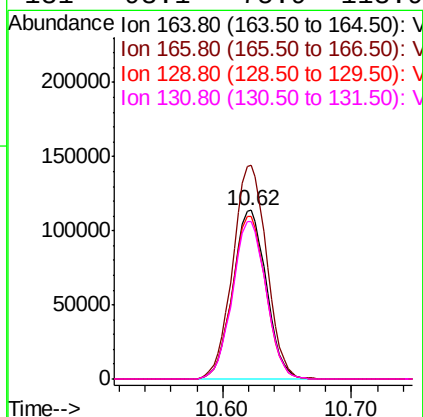
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

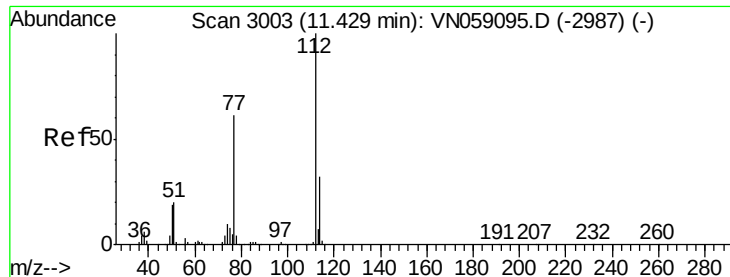
Tot Ion:117 Resp: 589451
Ion Ratio Lower Upper
117 100
82 56.6 45.8 68.8
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 51.434 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN059205.D
Acq: 13 Nov 2019 8:47

Tgt Ion:164 Resp: 206156
Ion Ratio Lower Upper
164 100
166 126.5 101.5 152.3
129 96.4 78.3 117.5
131 93.1 75.9 113.9





#65

Chlorobenzene

Concen: 53.090 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. -0.00 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

Instrument :

MSVOA_N

ClientSampleId :

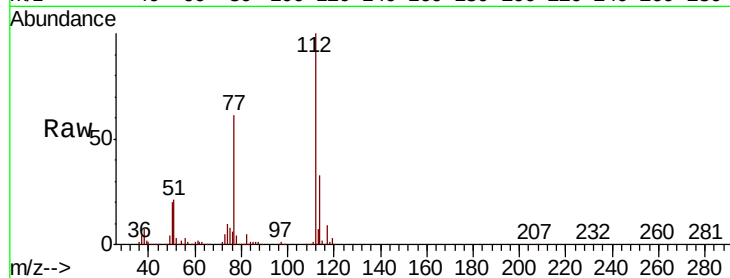
VSTDCCC050

Tot Ion:112 Resp: 610039

Ion Ratio Lower Upper

112 100

114 32.6 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.43

400000

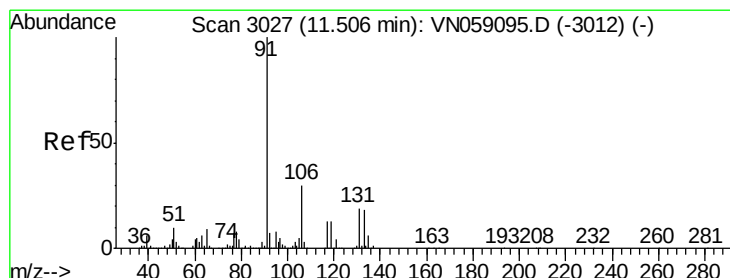
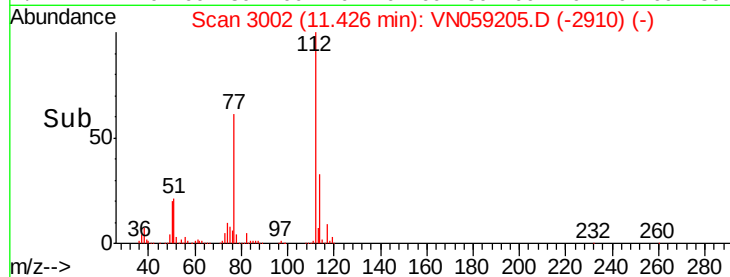
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 54.059 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

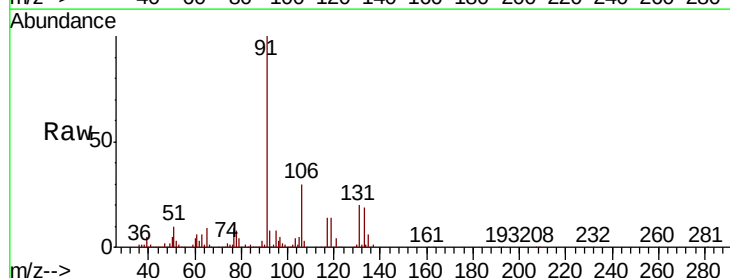
Tgt Ion:131 Resp: 233018

Ion Ratio Lower Upper

131 100

133 96.4 47.4 142.3

119 67.5 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

11.50

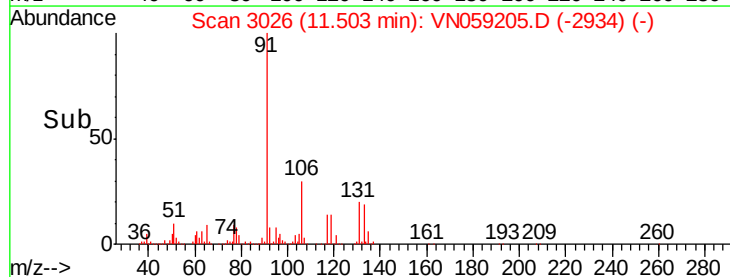
150000

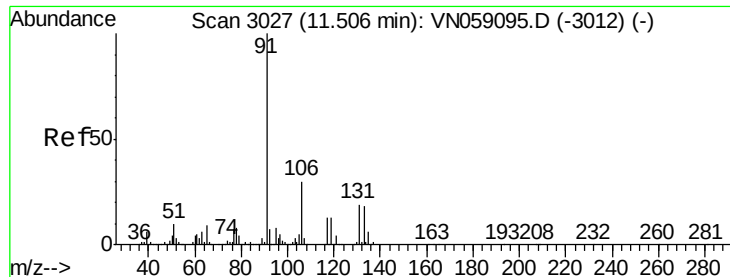
100000

50000

0

Time-->

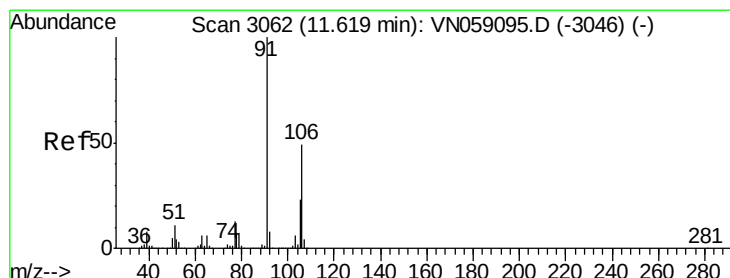
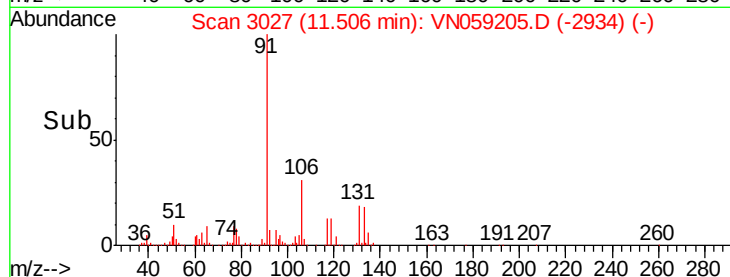
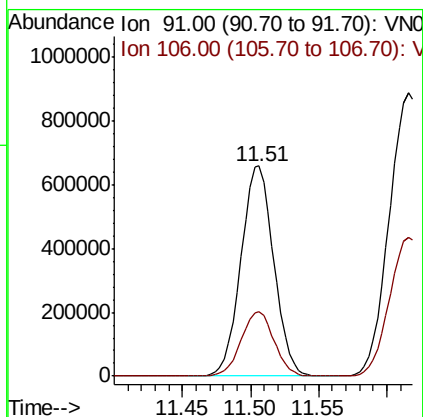
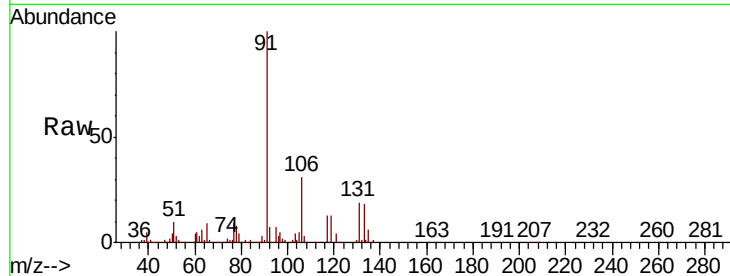




#67
Ethyl Benzene
Concen: 54.030 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059205.D
Acq: 13 Nov 2019 8:47

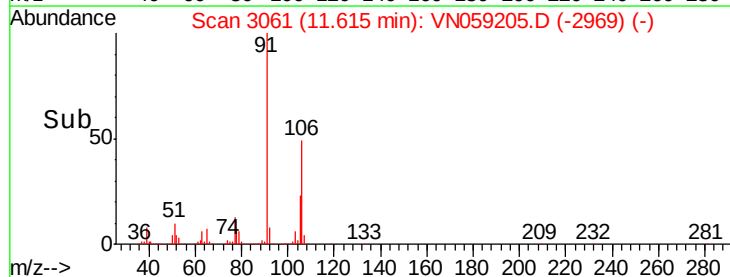
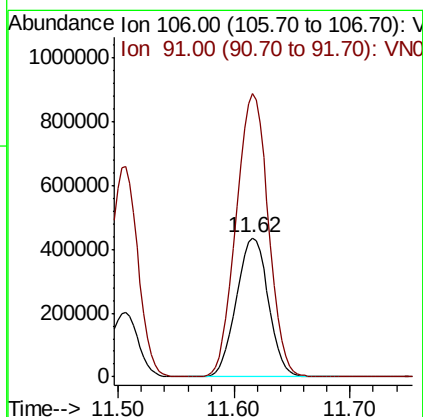
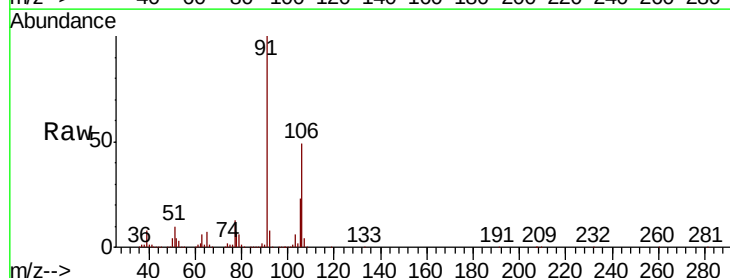
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

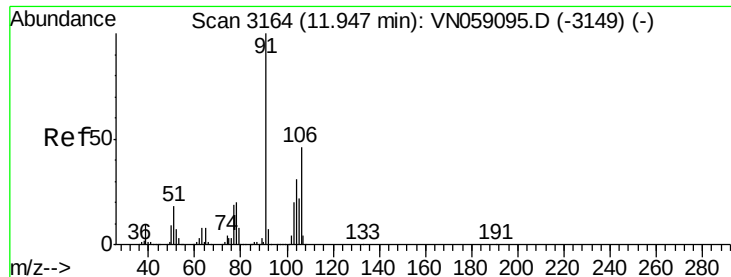
Tot Ion: 91 Resp: 1101521
Ion Ratio Lower Upper
91 100
106 30.7 24.1 36.1



#68
m/p-Xylenes
Concen: 109.293 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN059205.D
Acq: 13 Nov 2019 8:47

Tgt Ion: 106 Resp: 834649
Ion Ratio Lower Upper
106 100
91 204.9 164.7 247.1

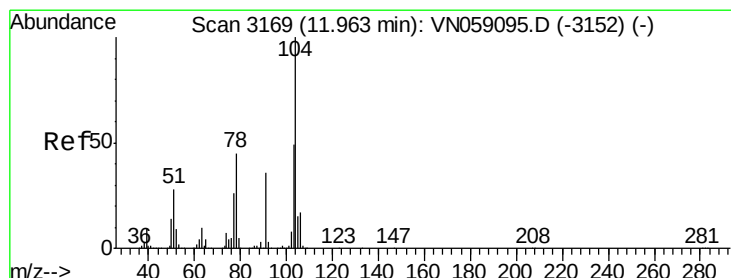
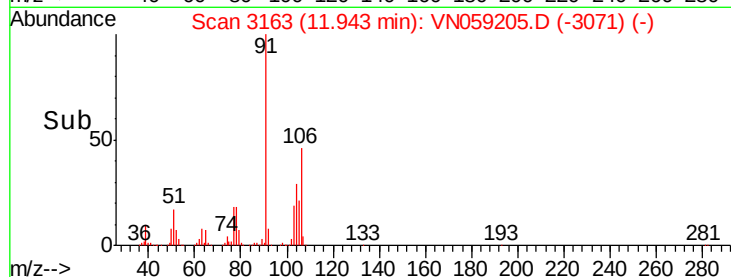
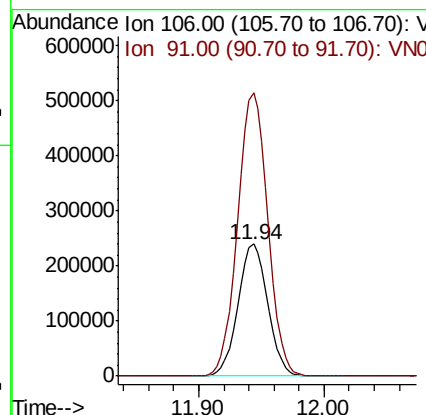
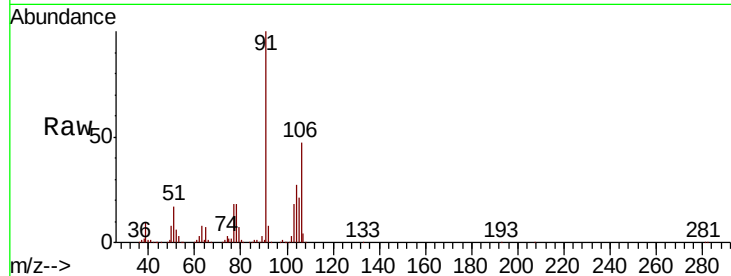




#69
o-Xylene
Concen: 53.399 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN059205.D
Acq: 13 Nov 2019 8:47

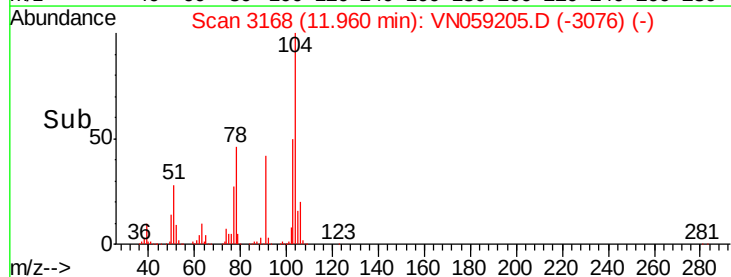
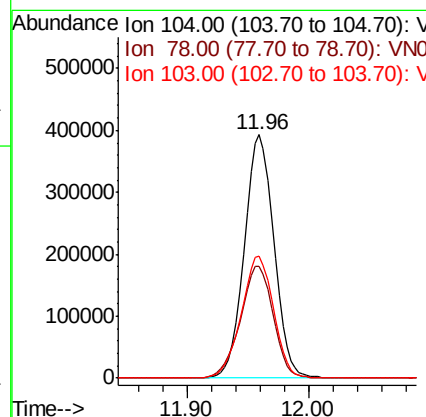
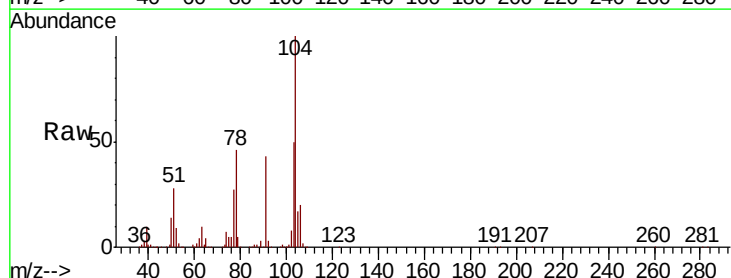
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

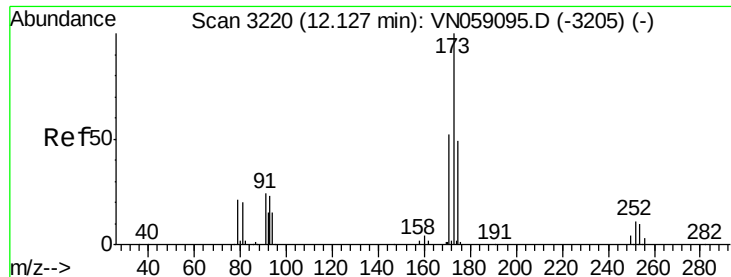
Tot Ion:106 Resp: 394094
Ion Ratio Lower Upper
106 100
91 218.1 110.1 330.3



#70
Styrene
Concen: 56.612 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN059205.D
Acq: 13 Nov 2019 8:47

Tgt Ion:104 Resp: 657100
Ion Ratio Lower Upper
104 100
78 51.1 41.2 61.8
103 54.9 43.8 65.6





#71

Bromoform

Concen: 53.557 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

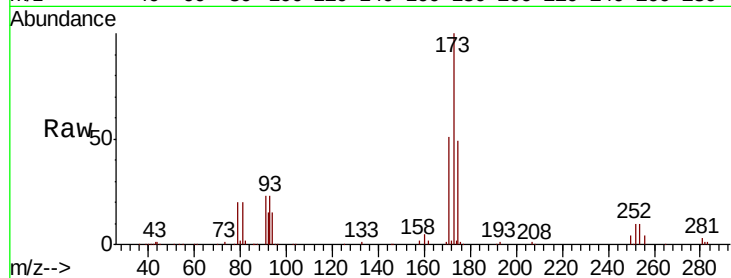
Tot Ion:173 Resp: 179565

Ion Ratio Lower Upper

173 100

175 49.1 24.2 72.6

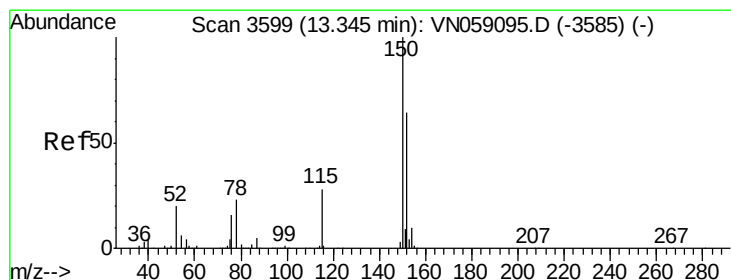
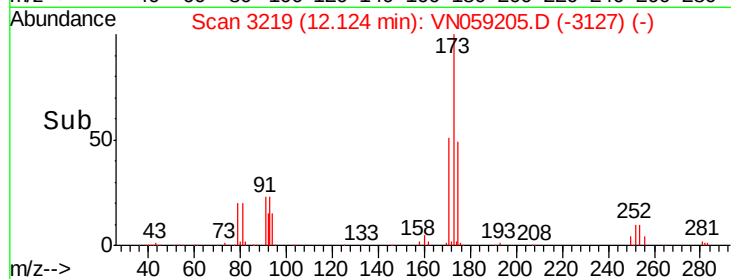
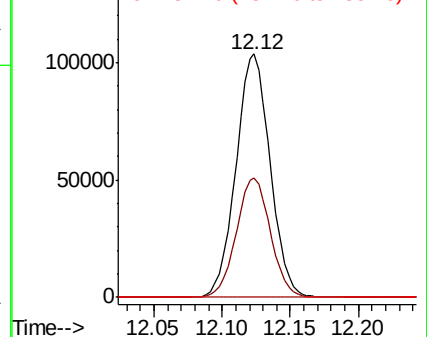
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

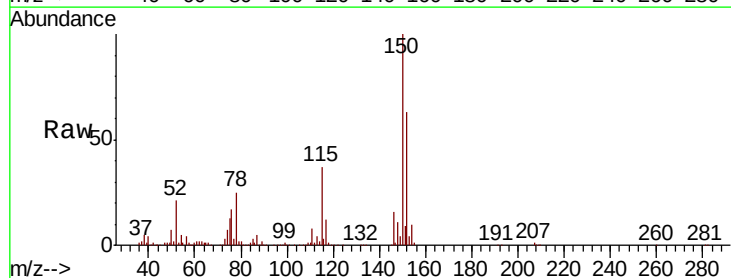
Tgt Ion:152 Resp: 290022

Ion Ratio Lower Upper

152 100

115 58.5 29.4 88.2

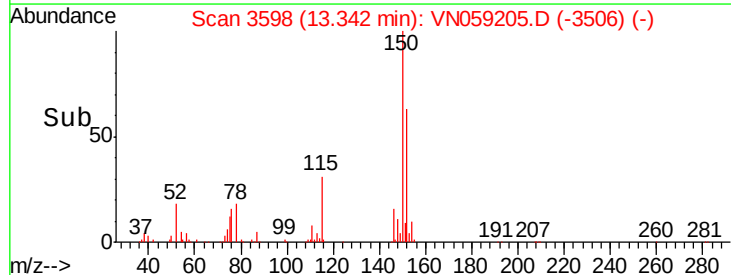
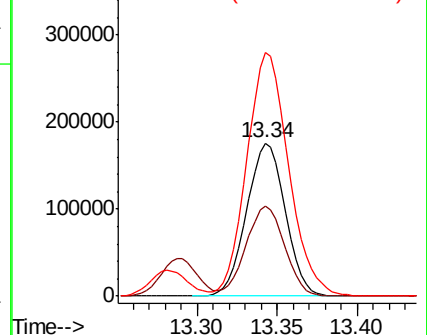
150 173.3 0.0 345.8

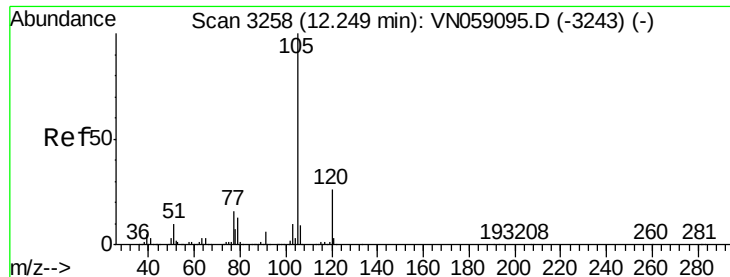


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.374 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

Instrument :

MSVOA_N

ClientSampleId :

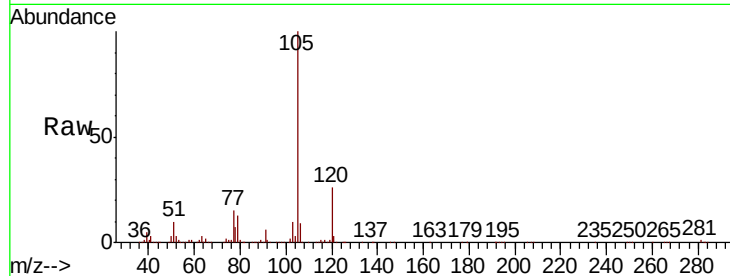
VSTDCCC050

Tot Ion:105 Resp: 1083804

Ion Ratio Lower Upper

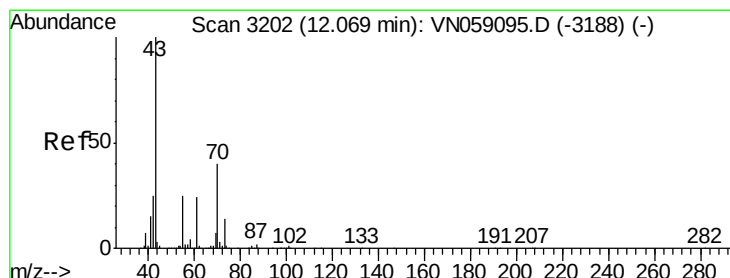
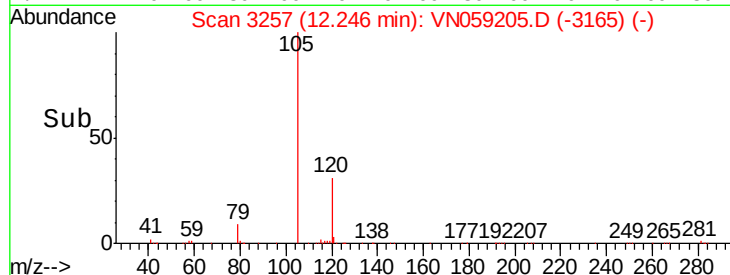
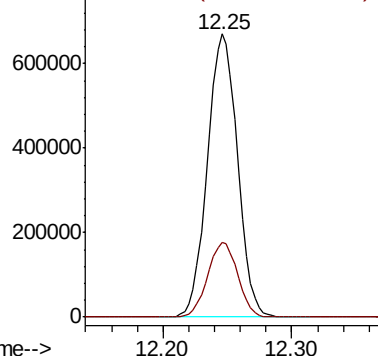
105 100

120 26.3 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.903 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

Tgt Ion: 43 Resp: 446095

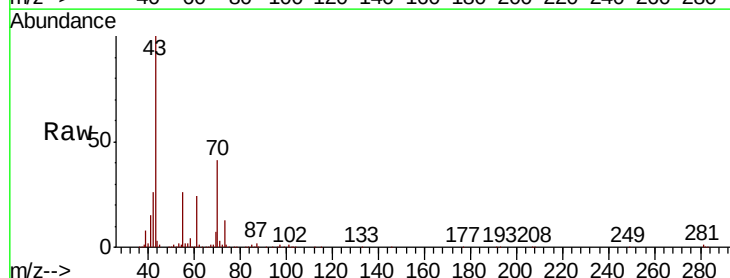
Ion Ratio Lower Upper

43 100

70 41.4 32.2 48.4

55 26.0 20.4 30.6

61 23.9 19.3 28.9

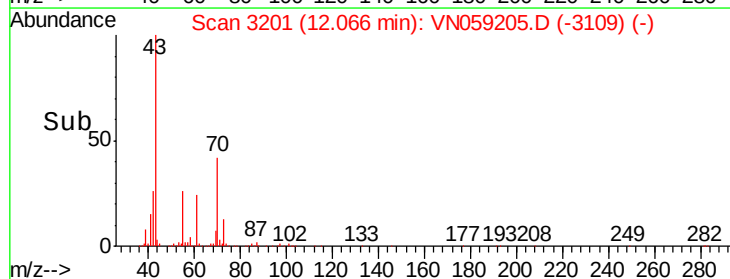
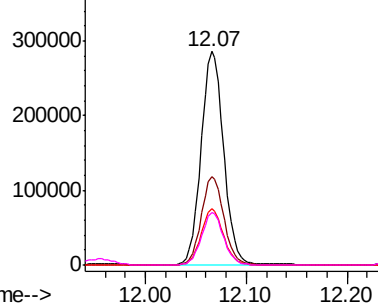


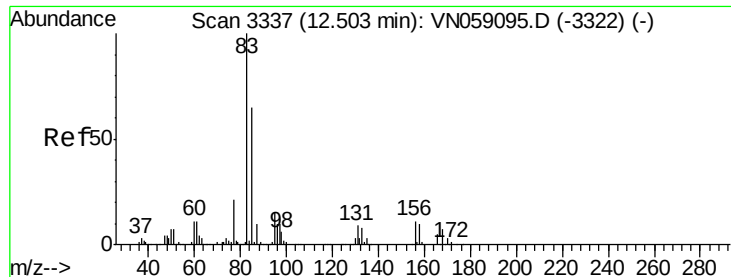
Abundance Ion 43.00 (42.70 to 43.70): V

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: 48.647 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

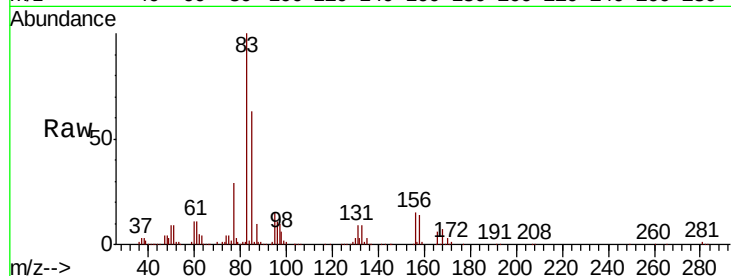
Tot Ion: 83 Resp: 349494

Ion Ratio Lower Upper

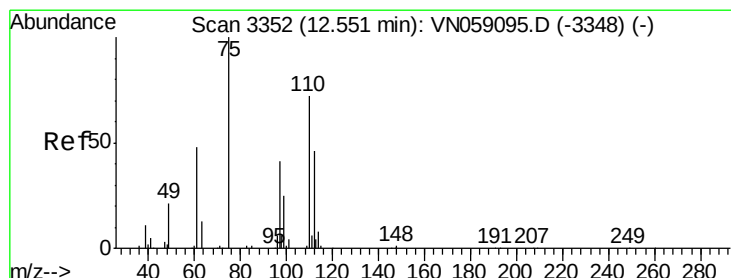
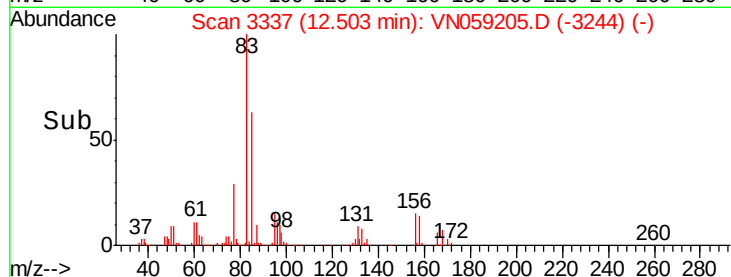
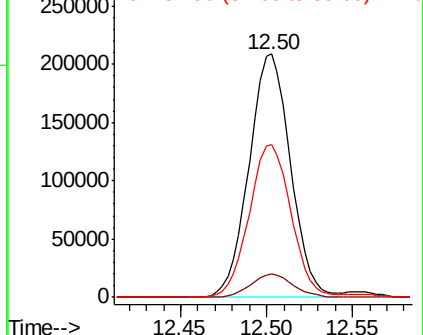
83 100

131 9.8 4.9 14.6

85 63.5 32.4 97.2



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



#76

1,2,3-Trichloropropane

Concen: 70.051 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN059205.D

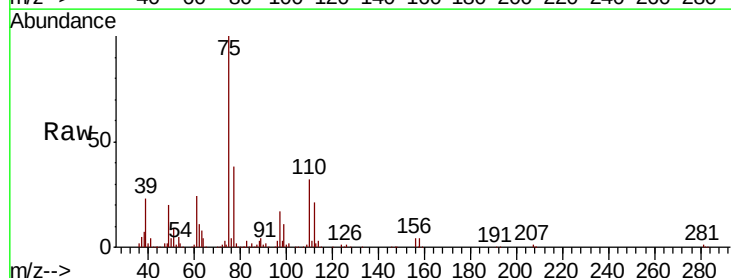
Acq: 13 Nov 2019 8:47

Tgt Ion: 75 Resp: 462535

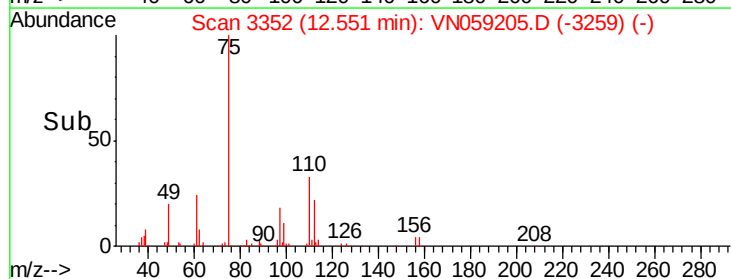
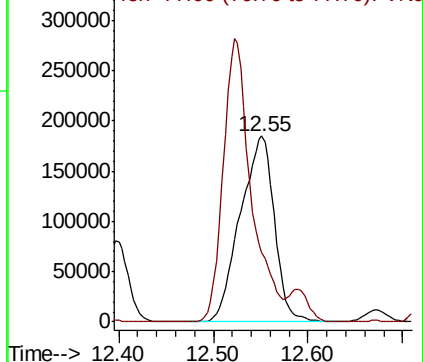
Ion Ratio Lower Upper

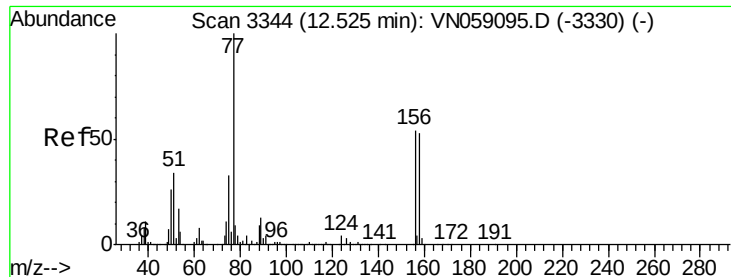
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 49.916 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

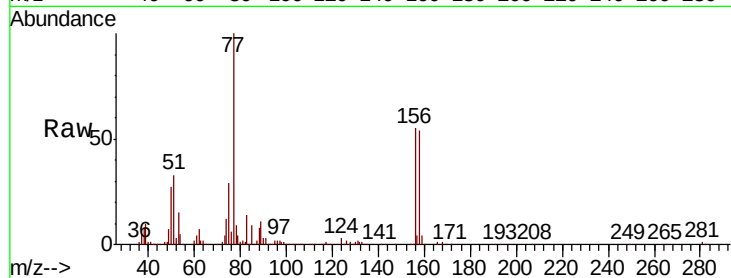
Tot Ion:156 Resp: 264571

Ion Ratio Lower Upper

156 100

77 219.2 112.8 338.3

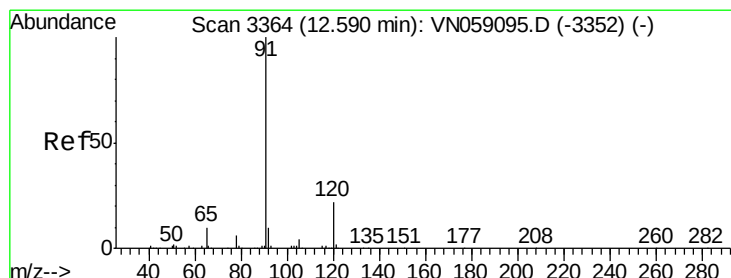
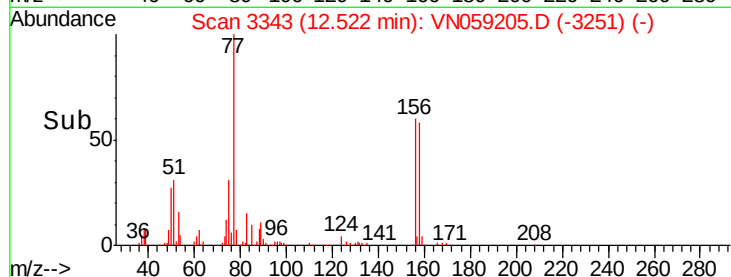
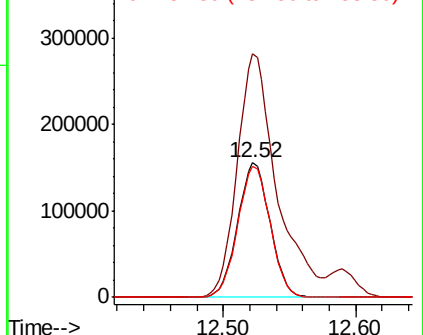
158 97.4 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.207 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059205.D

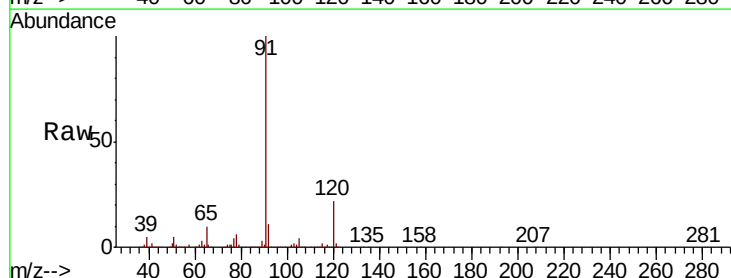
Acq: 13 Nov 2019 8:47

Tgt Ion: 91 Resp: 1285217

Ion Ratio Lower Upper

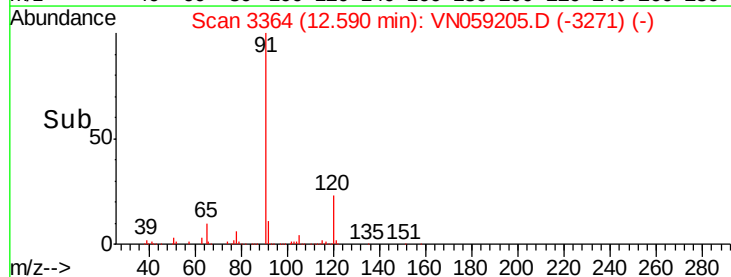
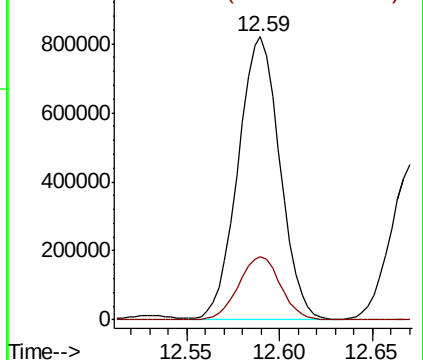
91 100

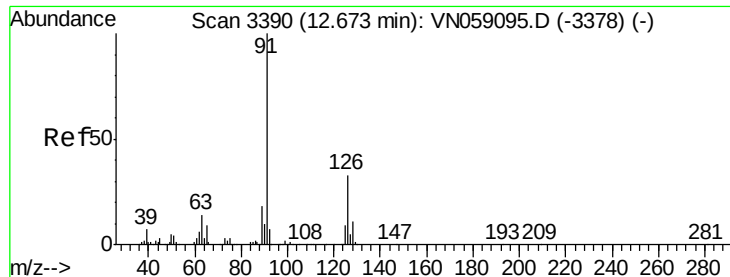
120 22.5 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.256 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

Instrument :

MSVOA_N

ClientSampleId :

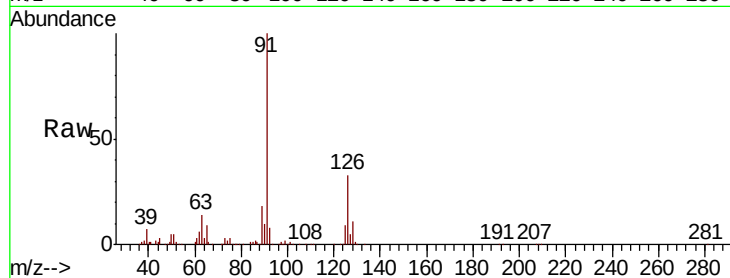
VSTDCCC050

Tot Ion: 91 Resp: 753067

Ion Ratio Lower Upper

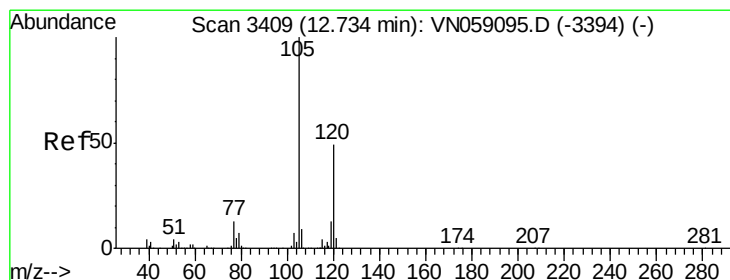
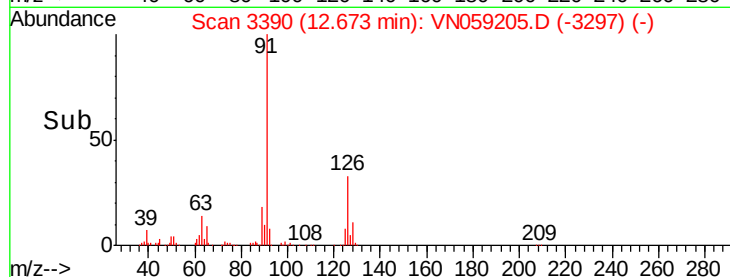
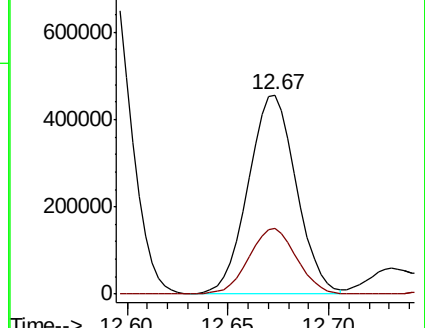
91 100

126 33.2 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: 52.174 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN059205.D

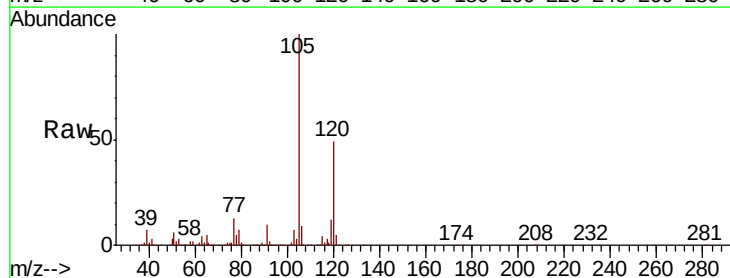
Acq: 13 Nov 2019 8:47

Tgt Ion: 105 Resp: 932656

Ion Ratio Lower Upper

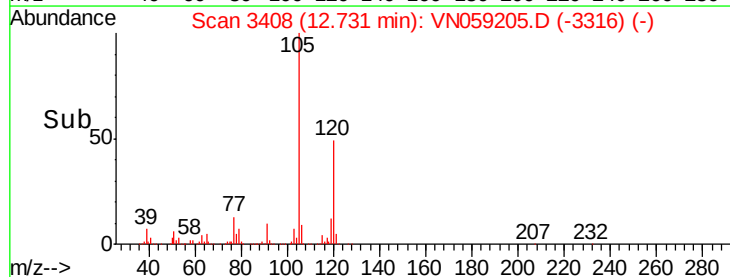
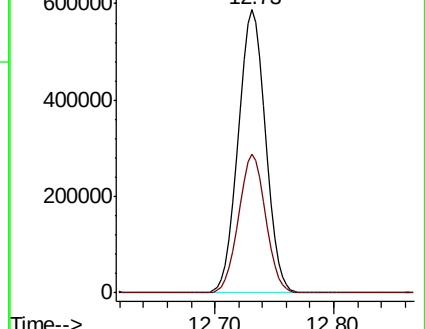
105 100

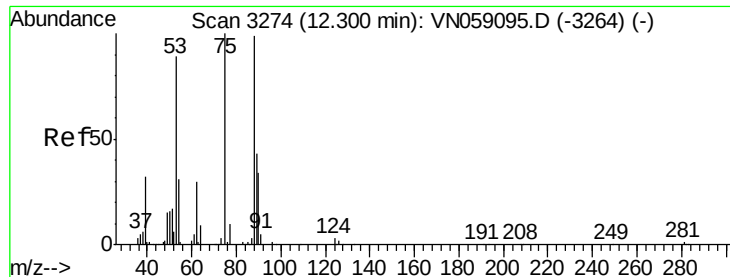
120 48.5 24.0 72.0



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: 49.645 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

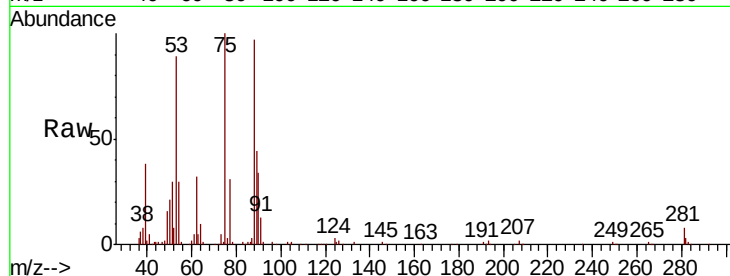
Tot Ion: 75 Resp: 124106

Ion Ratio Lower Upper

75 100

53 90.9 72.2 108.2

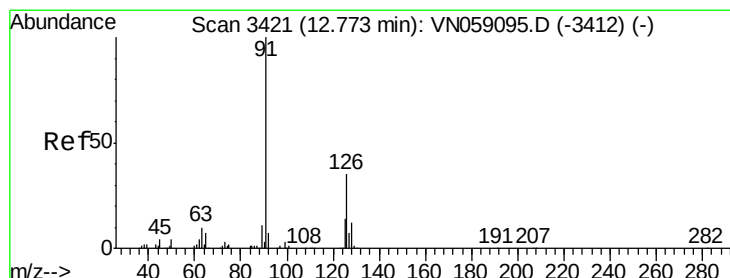
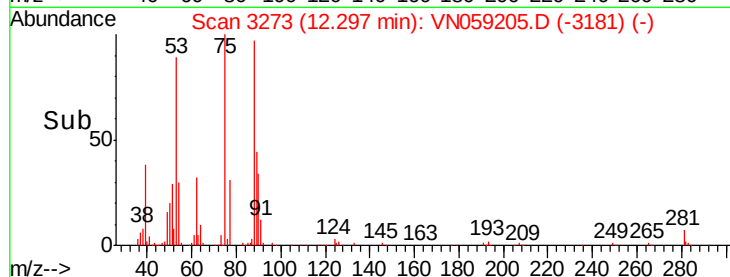
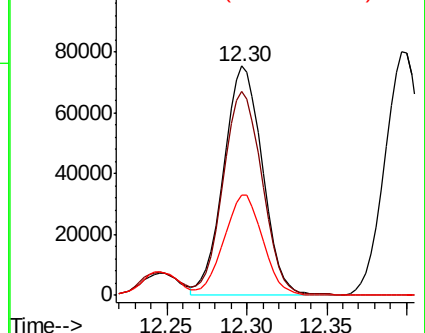
89 44.2 35.8 53.8



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



#82

4-Chlorotoluene

Concen: 52.338 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN059205.D

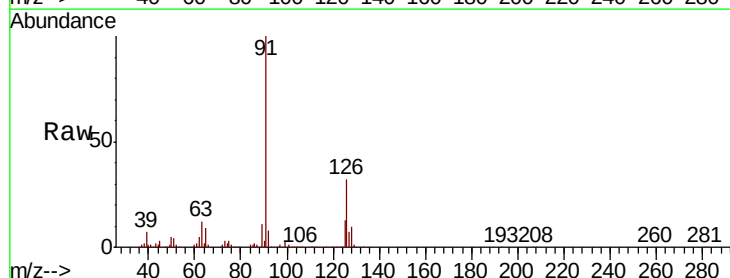
Acq: 13 Nov 2019 8:47

Tgt Ion: 91 Resp: 786614

Ion Ratio Lower Upper

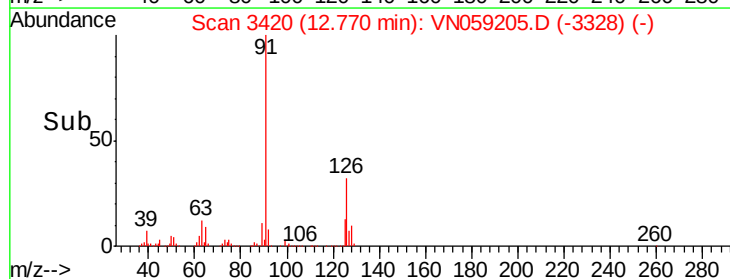
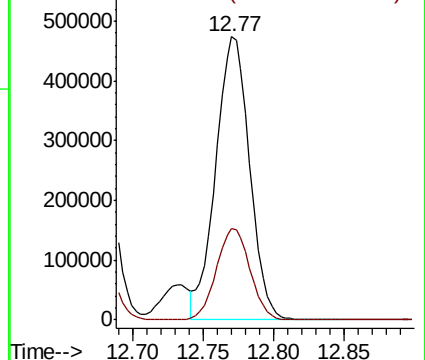
91 100

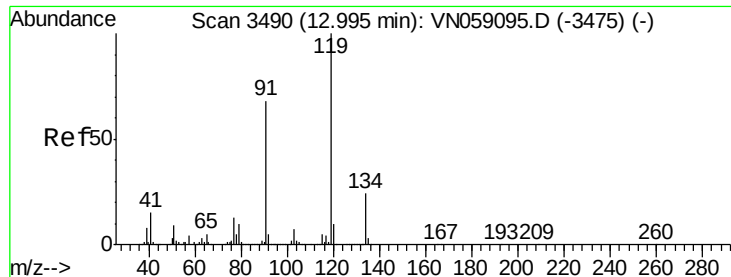
126 32.0 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

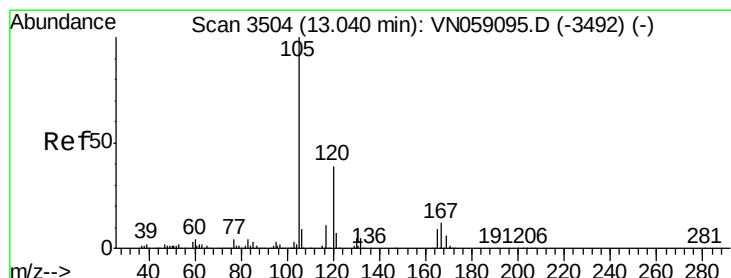
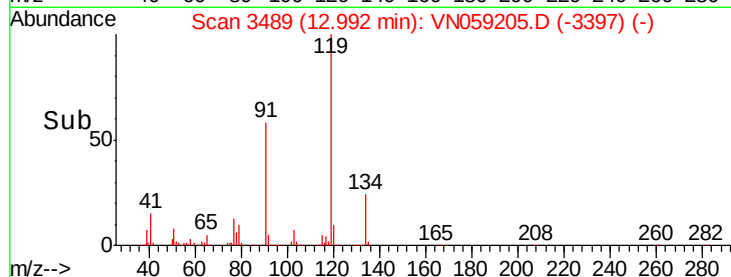
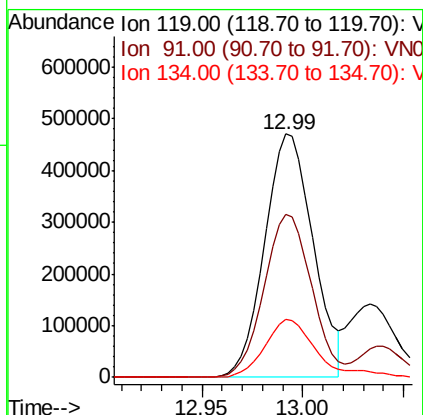
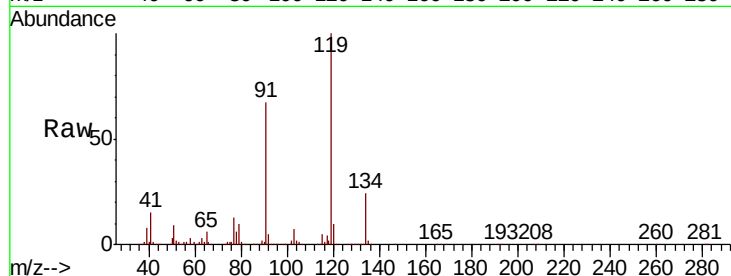




#83
 tert-Butylbenzene
 Concen: 50.899 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN059205.D
 Acq: 13 Nov 2019 8:47

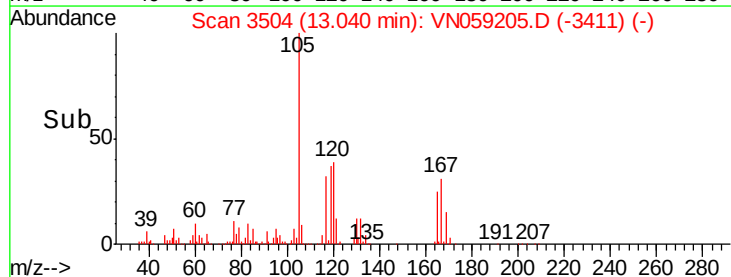
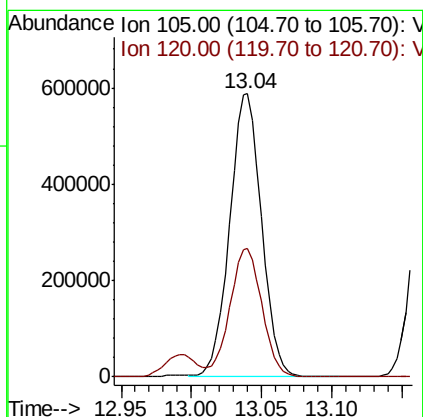
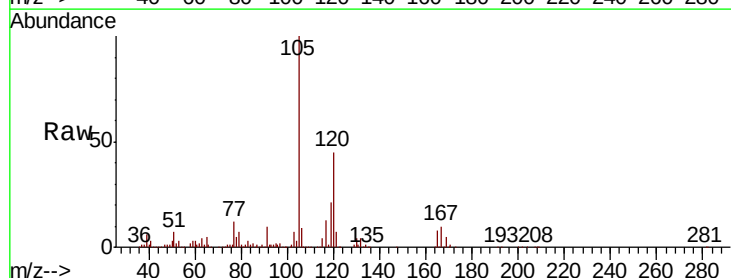
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

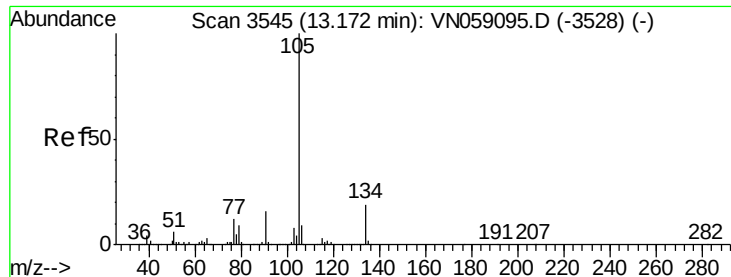
Tot Ion:119 Resp: 785738
 Ion Ratio Lower Upper
 119 100
 91 65.9 33.2 99.6
 134 25.4 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 53.510 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN059205.D
 Acq: 13 Nov 2019 8:47

Tgt Ion:105 Resp: 925445
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.8 68.4





#85

sec-Butylbenzene

Concen: 53.485 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

Instrument :

MSVOA_N

ClientSampleId :

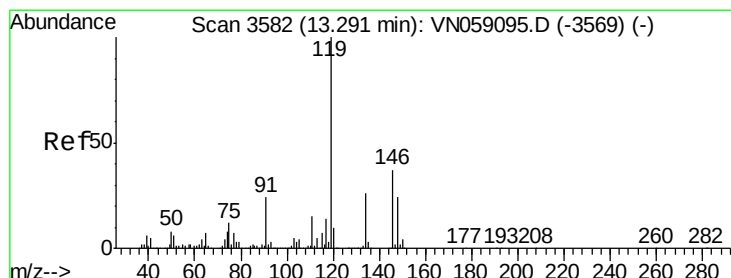
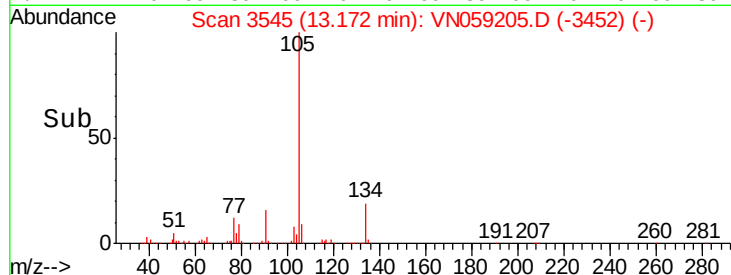
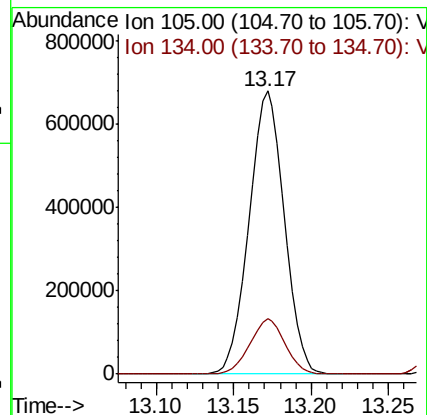
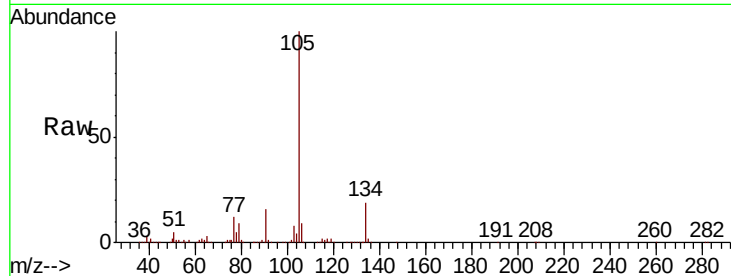
VSTDCCC050

Tot Ion:105 Resp: 1073814

Ion Ratio Lower Upper

105 100

134 19.4 9.7 29.1



#86

p-Isopropyltoluene

Concen: 54.952 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

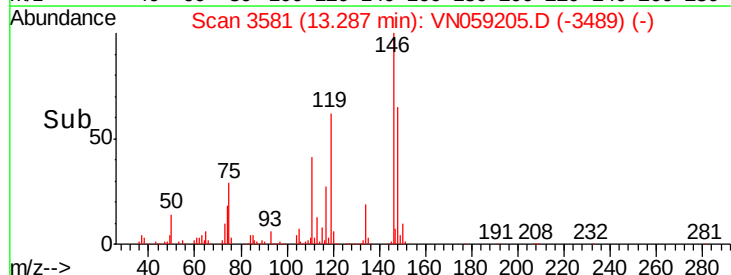
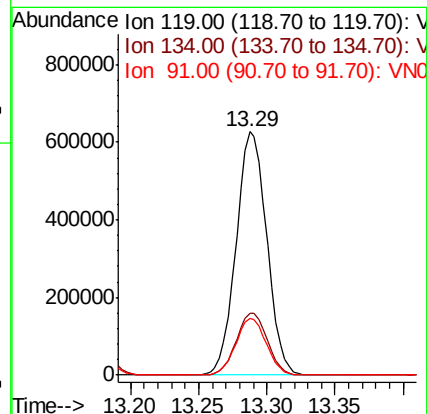
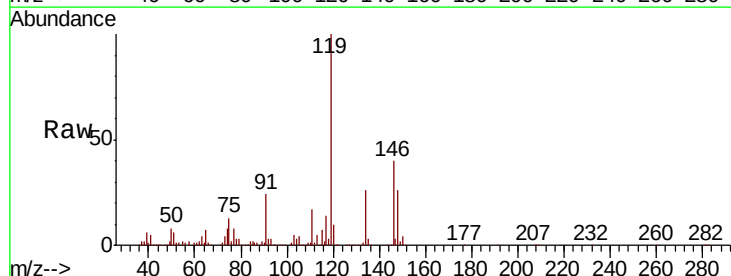
Tgt Ion:119 Resp: 974149

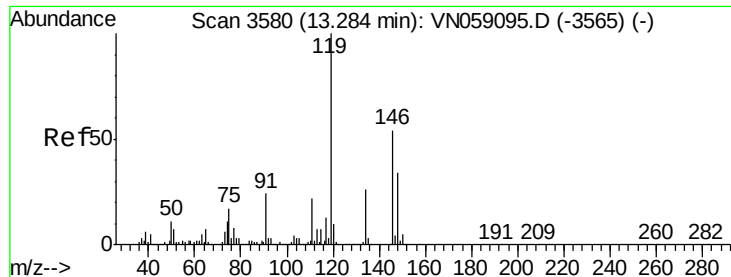
Ion Ratio Lower Upper

119 100

134 25.8 13.0 38.9

91 23.2 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 52.925 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

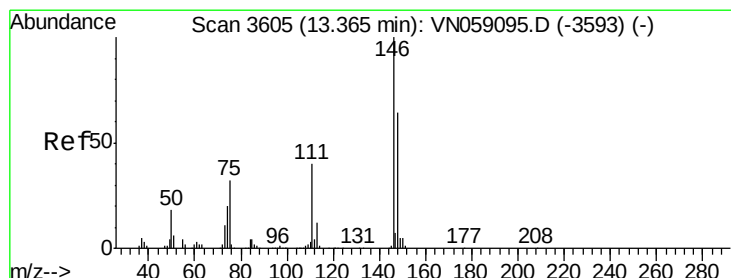
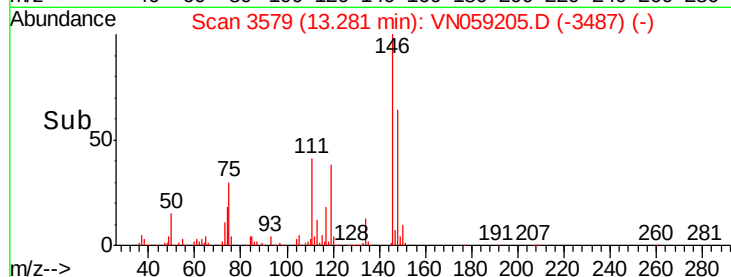
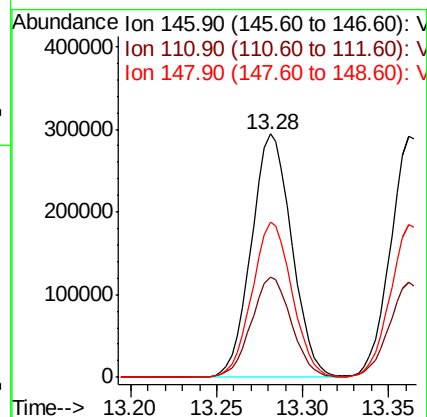
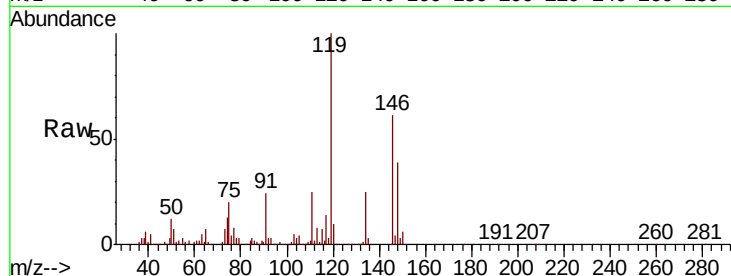
Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	480365
Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.4	61.3
148	63.2	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 51.990 ug/l

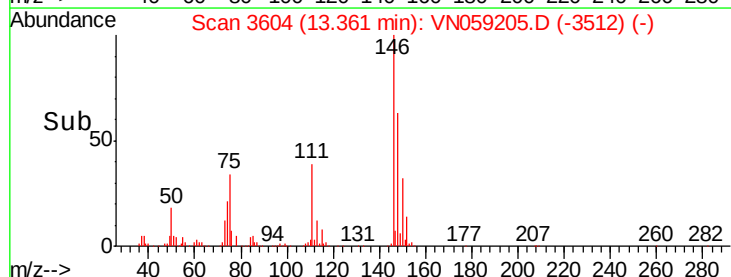
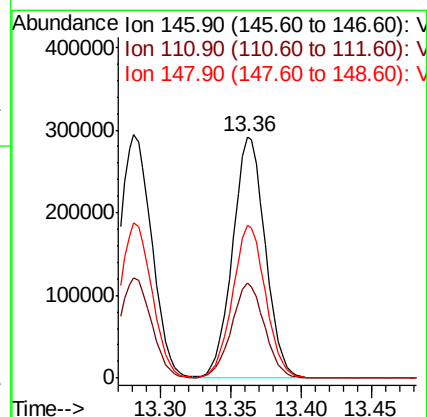
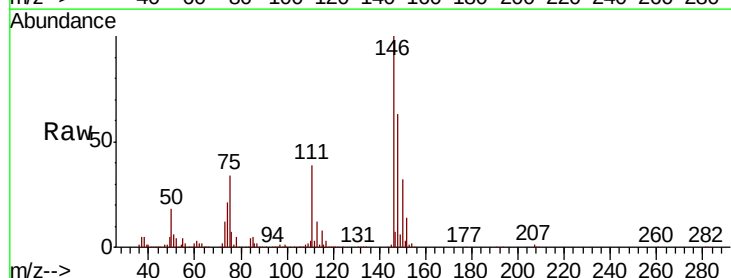
RT: 13.36 min Scan# 3604

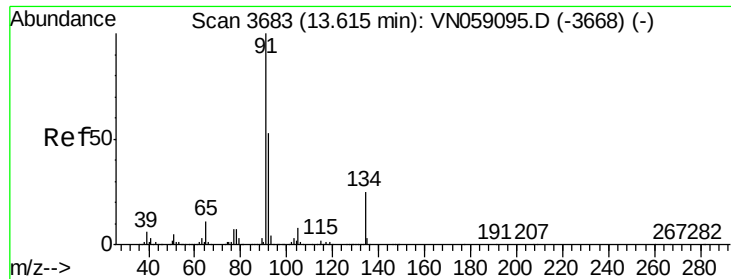
Delta R.T. -0.00 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

Tgt Ion:	146	Resp:	472120
Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.3	60.9
148	63.9	31.9	95.7

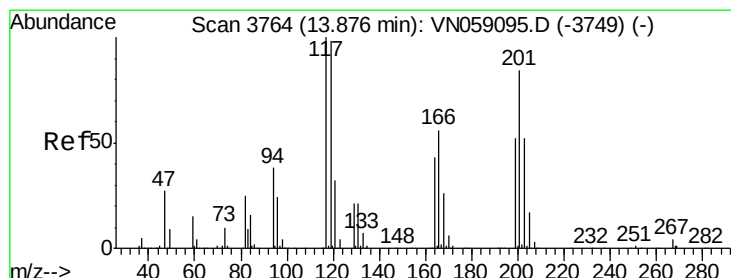
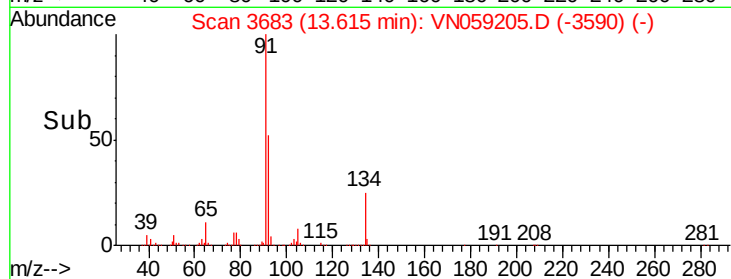
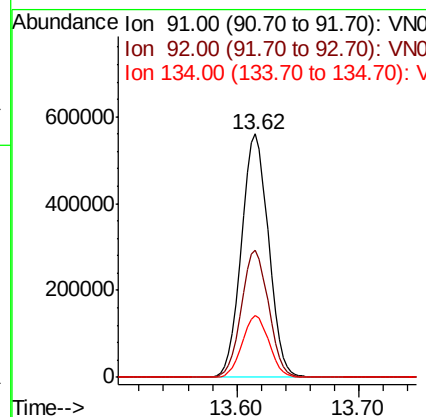
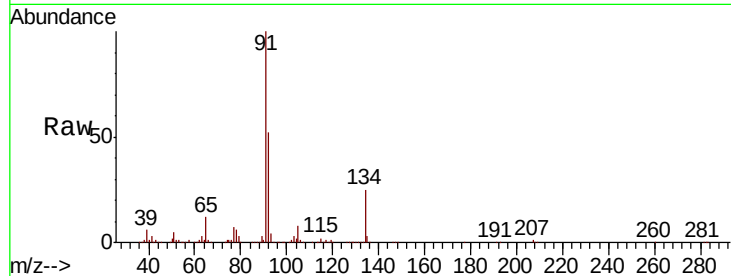




#89
n-Butylbenzene
Concen: 55.416 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059205.D
Acq: 13 Nov 2019 8:47

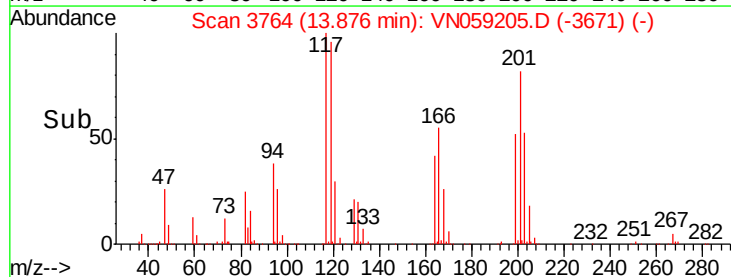
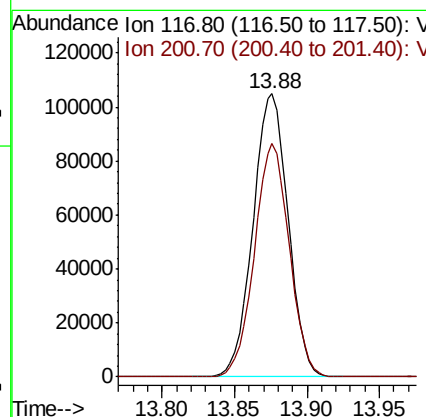
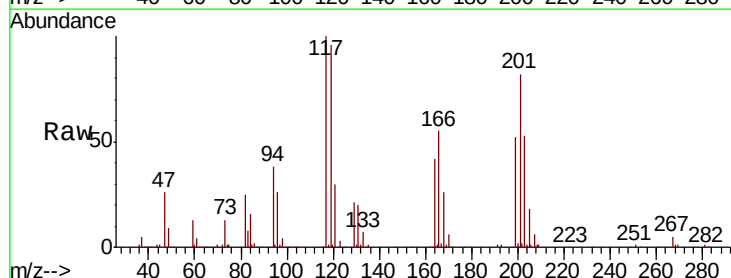
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

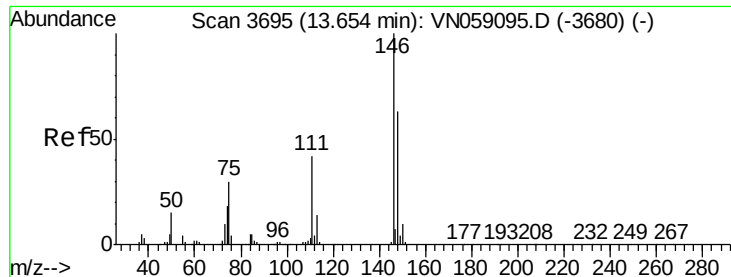
Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.1	78.3
134	25.1	12.6	37.8



#90
Hexachloroethane
Concen: 49.852 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059205.D
Acq: 13 Nov 2019 8:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.7	41.8	125.3





#91

1,2-Dichlorobenzene

Concen: 52.153 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

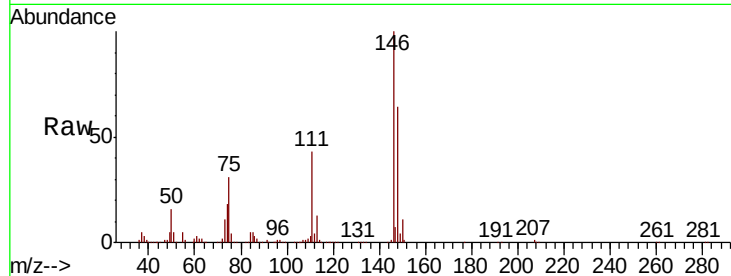
Tot Ion:146 Resp: 465643

Ion Ratio Lower Upper

146 100

111 42.7 21.2 63.6

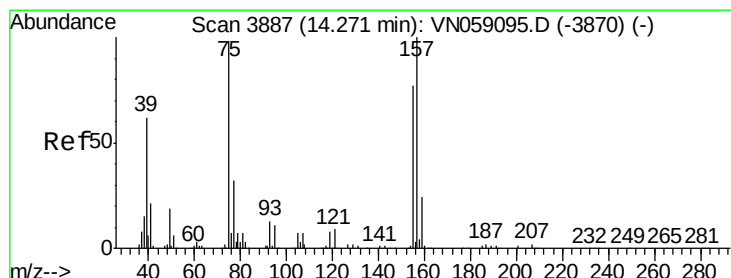
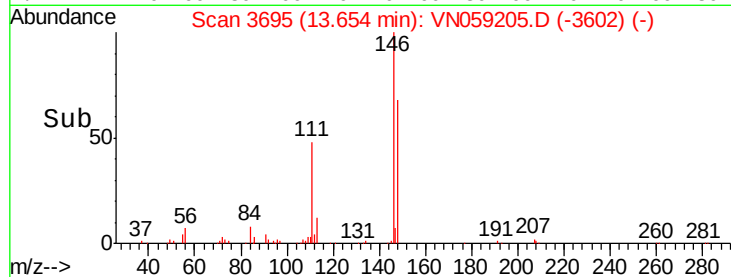
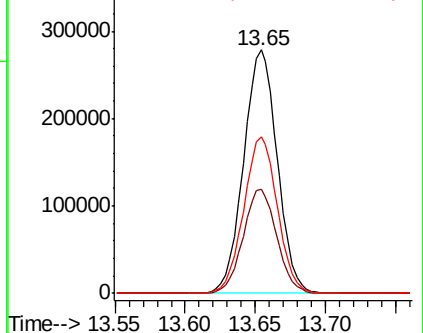
148 64.3 31.6 94.7



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: 48.447 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN059205.D

Acq: 13 Nov 2019 8:47

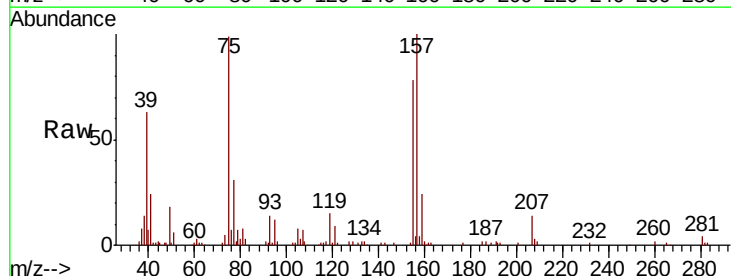
Tgt Ion: 75 Resp: 69439

Ion Ratio Lower Upper

75 100

155 78.0 40.2 120.6

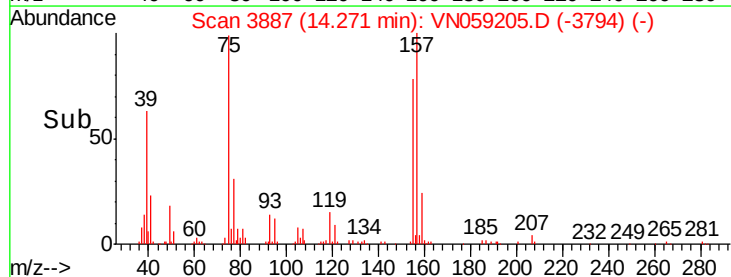
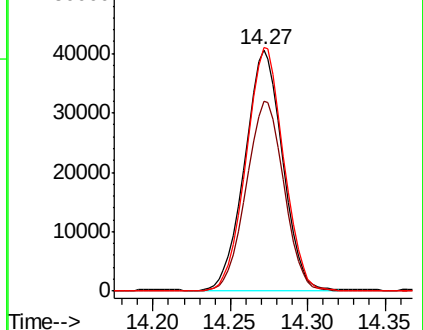
157 99.7 51.8 155.5

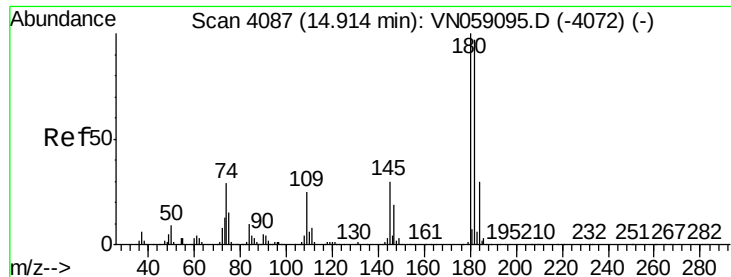


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

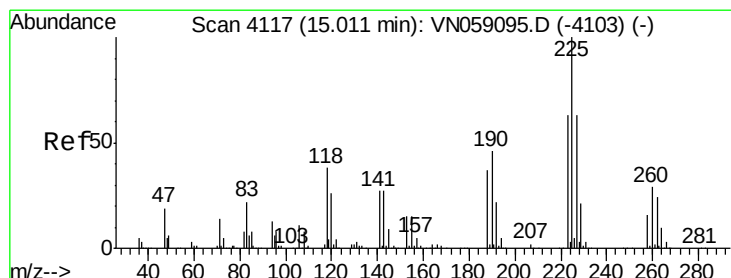
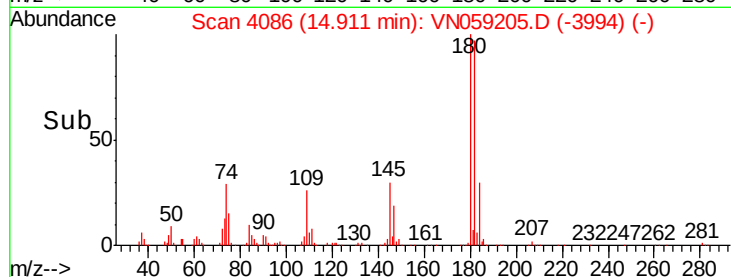
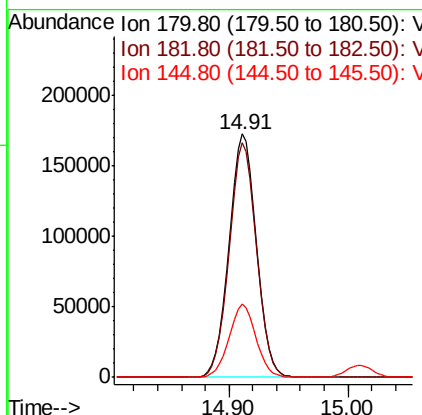
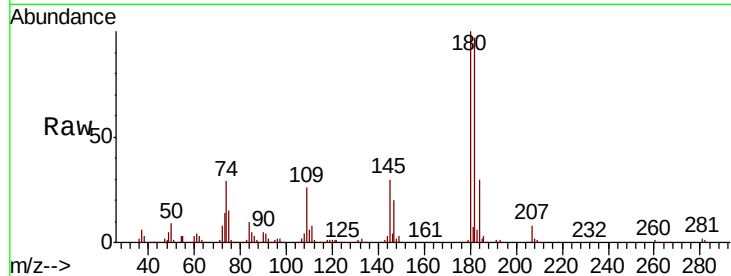




#93
 1,2,4-Trichlorobenzene
 Concen: 50.704 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN059205.D
 Acq: 13 Nov 2019 8:47

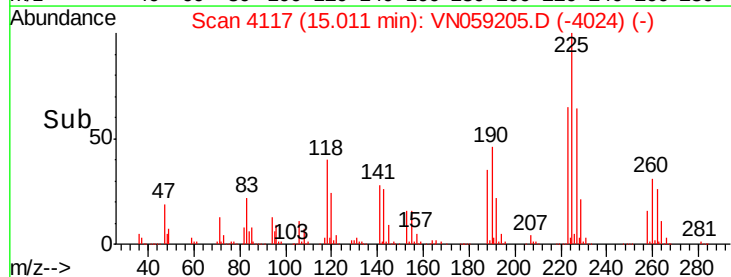
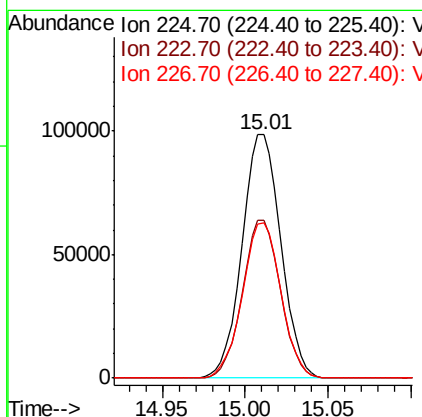
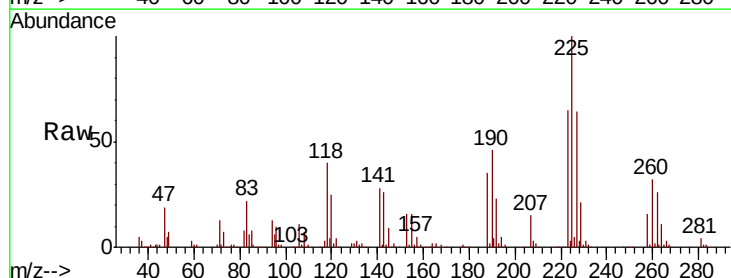
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

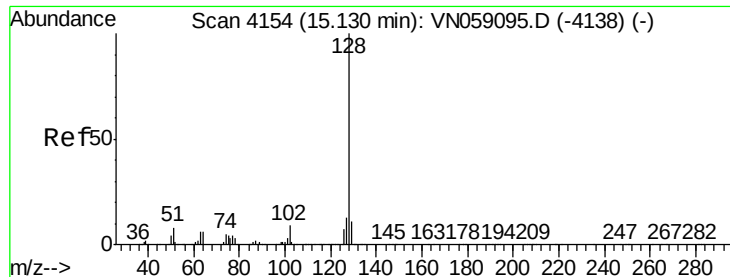
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.1	144.3
145	29.6	15.1	45.3



#94
 Hexachlorobutadiene
 Concen: 52.144 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN059205.D
 Acq: 13 Nov 2019 8:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.3	93.9
227	63.2	31.5	94.5

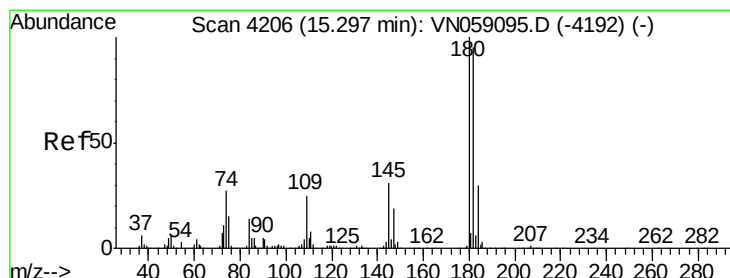
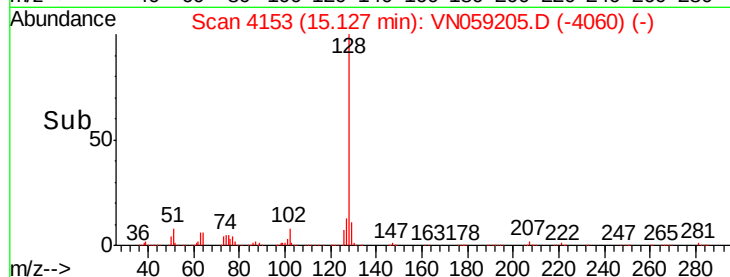
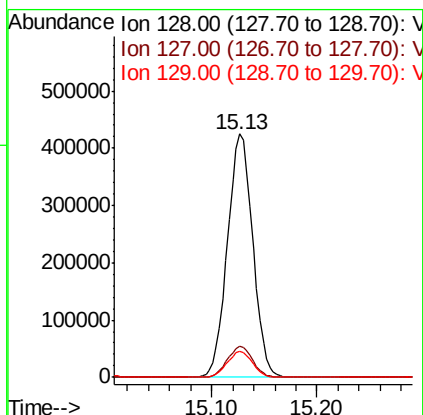
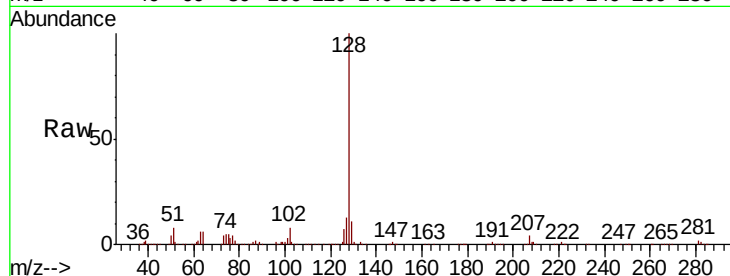




#95
Naphthalene
Concen: 47.240 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN059205.D
Acq: 13 Nov 2019 8:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 707270
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.6 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 53.979 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. -0.00 min
Lab File: VN059205.D
Acq: 13 Nov 2019 8:47

Tgt Ion:180 Resp: 270092
Ion Ratio Lower Upper
180 100
182 94.7 47.3 141.8
145 32.1 15.8 47.3

