

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081219\
 Data File : VN057203.D
 Acq On : 12 Aug 2019 9:22
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Aug 13 01:38:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N081019W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sun Aug 11 03:53:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.59	128	181189	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.01	114	970340	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.91	117	820881	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.44	65	343727	29.10	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.00%
60) 4-Bromofluorobenzene	11.92	95	356366	29.16	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.20%
63) Toluene-d8	9.56	98	1168737	30.84	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.82	85	205104	20.753 ug/l	100
3) Chloromethane	2.00	50	218246	19.064 ug/l	99
4) Vinyl Chloride	2.11	62	226707	19.466 ug/l	95
5) Bromomethane	2.44	94	161116	19.420 ug/l	100
6) Chloroethane	2.55	64	148930	19.720 ug/l	95
7) Trichlorofluoromethane	2.83	101	350540	20.185 ug/l	99
8) Diethyl Ether	3.14	74	128816	19.902 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.44	101	215087	20.476 ug/l	88
10) 1,1-Dichloroethene	3.44	96	207312	19.961 ug/l	98
11) Methyl Iodide	3.63	142	313474	19.343 ug/l	97
12) Methyl Acetate	3.89	43	226402	20.926 ug/l	96
13) Acrolein	3.31	56	104974	87.980 ug/l	100
14) Acrylonitrile	4.45	53	444761	98.532 ug/l	99
15) Acetone	3.47	58	168321	112.358 ug/l	91
16) Carbon Disulfide	3.72	76	546726	19.512 ug/l	100
17) Allyl chloride	3.91	41	313955	20.504 ug/l	95
18) Methylene Chloride	4.10	84	229181	19.464 ug/l	99
19) trans-1,2-Dichloroethene	4.51	96	222298	19.965 ug/l	97
20) Diisopropyl ether	5.31	45	644308	20.633 ug/l	97
21) 1,1-Dichloroethane	5.25	63	395994	20.361 ug/l	100
22) cis-1,2-Dichloroethene	6.21	96	249518	19.689 ug/l	99
23) tert-Butyl Alcohol	4.24	59	148721	99.845 ug/l	# 100
24) Methyl tert-Butyl Ether	4.49	73	625181	20.470 ug/l	100
25) Chloroform	6.76	83	400683	20.036 ug/l	97
26) Cyclohexane	7.06	56	329769	19.834 ug/l	# 99
29) 1,1-Dichloropropene	7.20	75	305094	20.908 ug/l	99
30) 2-Butanone	6.20	43	609701	106.128 ug/l	# 97
31) 2,2-Dichloropropane	6.21	77	325627	20.872 ug/l	100
32) 1,1,1-Trichloroethane	6.97	97	355520	21.038 ug/l	99
33) Carbon Tetrachloride	7.18	117	316075	21.011 ug/l	98
34) Benzene	7.46	78	915592	20.555 ug/l	98
35) Methacrylonitrile	6.55	41	115490	19.890 ug/l	92
36) 1,2-Dichloroethane	7.54	62	296043	20.804 ug/l	100
37) Trichloroethene	8.27	130	265083	20.942 ug/l	100
38) Methylcyclohexane	8.52	83	358452	20.585 ug/l	100
39) 1,2-Dichloropropane	8.56	63	239975	20.901 ug/l	96
40) Dibromomethane	8.65	93	152851	20.679 ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	8.85	83	303467	20.648	ug/l	99
42) Vinyl Acetate	5.26	43	2459310	102.972	ug/l	100
43) Ethyl Acetate	6.28	43	220976	20.856	ug/l	98
44) Isopropyl Acetate	7.56	43	423106	21.993	ug/l	99
45) 1,4-Dioxane	8.65	88	73797	411.063	ug/l	98
46) Methyl methacrylate	8.64	41	175596	20.019	ug/l	98
47) n-amyl Acetate	11.59	43	259307	18.321	ug/l	96
48) t-1,3-Dichloropropene	9.86	75	320500	20.450	ug/l	98
49) cis-1,3-Dichloropropene	9.30	75	363523	20.462	ug/l	98
50) 1,1,2-Trichloroethane	10.04	97	223149	21.123	ug/l	97
51) Ethyl methacrylate	9.90	69	294888	19.780	ug/l	98
52) 1,3-Dichloropropane	10.19	76	363903	20.666	ug/l	100
53) Dibromochloromethane	10.39	129	247440	20.786	ug/l	100
54) 1,2-Dibromoethane	10.50	107	225546	20.453	ug/l	100
55) 2-Chloroethyl vinyl ether	9.15	63	419310	99.611	ug/l	98
56) Bromoform	11.64	173	174216	19.805	ug/l	99
58) 4-Methyl-2-Pentanone	9.45	43	1090461	103.406	ug/l	100
59) 2-Hexanone	10.24	43	786961	103.800	ug/l	99
61) Tetrachloroethene	10.11	164	277689	22.040	ug/l	97
62) Toluene	9.63	91	985378	21.089	ug/l	99
64) Chlorobenzene	10.93	112	602785	20.975	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.01	131	243111	22.060	ug/l	96
66) Ethyl Benzene	11.01	91	1052391	21.012	ug/l	99
67) m/p-Xylenes	11.13	106	802092	42.466	ug/l	99
68) o-Xylene	11.46	106	392249	21.390	ug/l	98
69) Styrene	11.47	104	608427	20.691	ug/l	100
70) Isopropylbenzene	11.77	105	1044939	21.165	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.02	83	276860	20.475	ug/l	98
72) 1,2,3-Trichloropropane	12.08	75	328470	27.755	ug/l	65
73) Bromobenzene	12.05	156	264656	20.673	ug/l	96
74) n-propylbenzene	12.11	91	1061713	20.485	ug/l	99
75) 2-Chlorotoluene	12.20	91	669423	20.882	ug/l	100
76) 1,3,5-Trimethylbenzene	12.26	105	867424	20.866	ug/l	87
77) t-1,4-Dichloro-2-butene	11.82	75	80138	20.121	ug/l	96
78) 4-Chlorotoluene	12.30	91	609208	20.462	ug/l	99
79) tert-butylbenzene	12.52	119	774923	21.150	ug/l	98
80) 1,2,4-Trimethylbenzene	12.57	105	800298	20.414	ug/l	100
81) sec-Butylbenzene	12.70	105	928670	20.102	ug/l	99
82) p-Isopropyltoluene	12.82	119	804899	19.567	ug/l	100
83) 1,3-Dichlorobenzene	12.81	146	395390	20.283	ug/l	98
84) 1,4-Dichlorobenzene	12.90	146	354964	19.576	ug/l	99
85) n-Butylbenzene	13.15	91	569776	19.156	ug/l	99
86) Hexachloroethane	13.41	117	151858	20.302	ug/l	99
87) 1,2-Dichlorobenzene	13.19	146	386410	19.989	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.81	75	39295	20.712	ug/l	89
89) 1,2,4-Trichlorobenzene	14.45	180	123382	19.657	ug/l	97
90) Hexachlorobutadiene	14.55	225	171029	20.522	ug/l	97
91) Naphthalene	14.67	128	205632	14.013	ug/l	99
92) 1,2,3-Trichlorobenzene	14.84	180	132935	21.213	ug/l	97

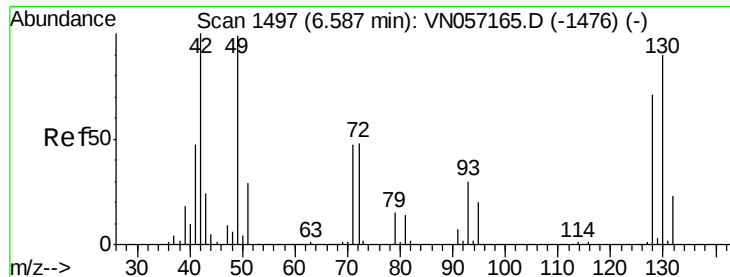
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 6.59 min Scan# 1497

Delta R.T. -0.00 min

Lab File: VN057203.D

Acq: 12 Aug 2019 9:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

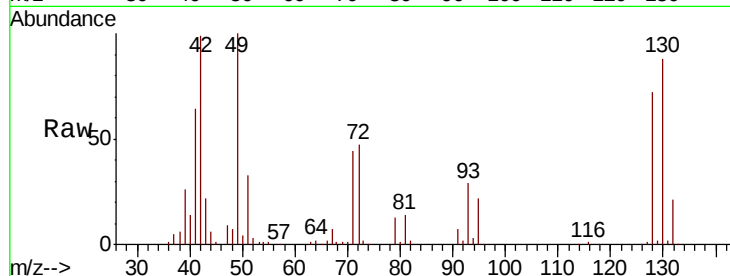
Tgt Ion:128 Resp: 181189

Ion Ratio Lower Upper

128 100

49 137.5 0.0 361.0

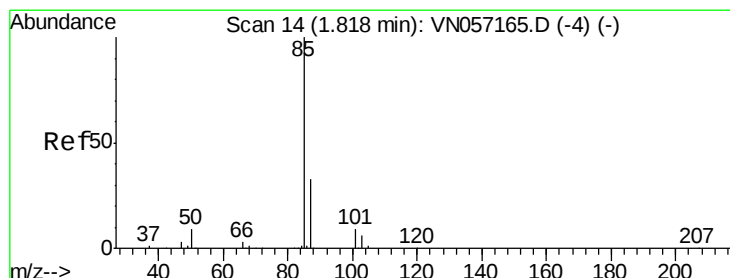
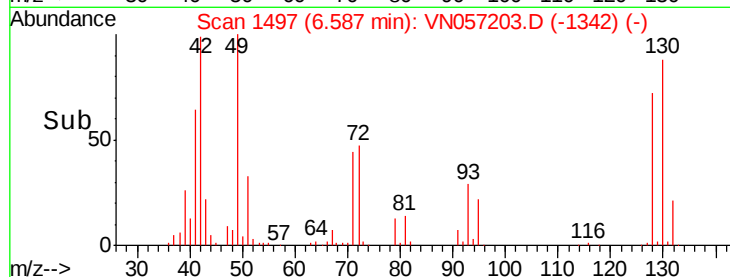
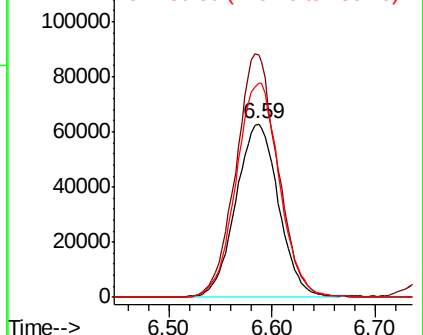
130 125.5 0.0 329.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.753 ug/l

RT: 1.82 min Scan# 14

Delta R.T. -0.00 min

Lab File: VN057203.D

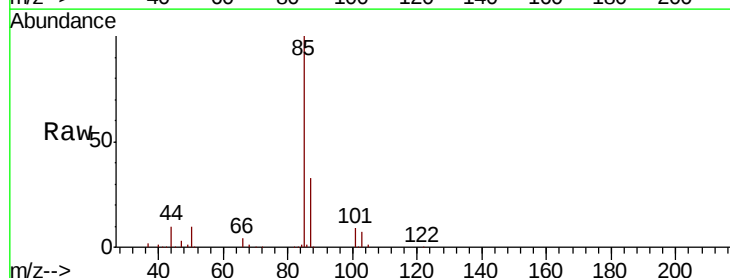
Acq: 12 Aug 2019 9:22

Tgt Ion: 85 Resp: 205104

Ion Ratio Lower Upper

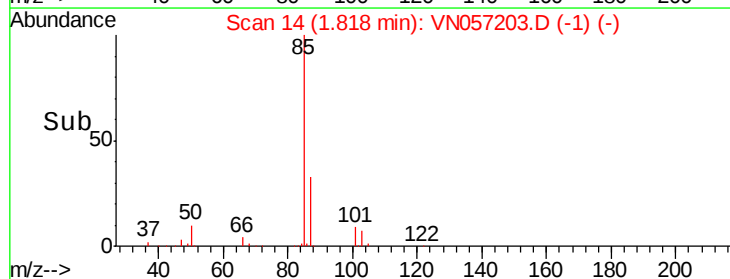
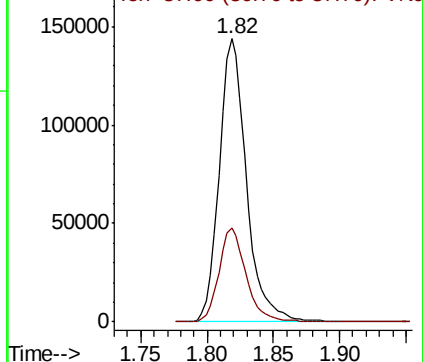
85 100

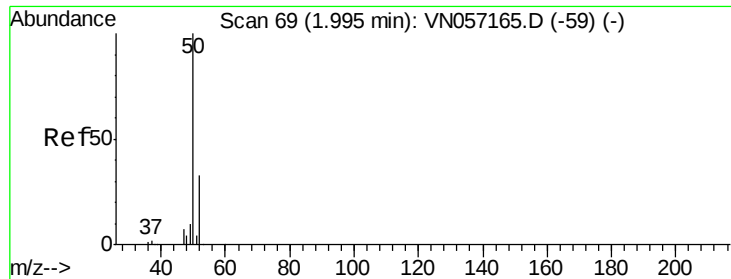
87 33.1 16.5 49.5



Abundance Ion 85.00 (84.70 to 85.70): VN

Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 19.064 ug/l

RT: 2.00 min Scan# 70

Delta R.T. 0.00 min

Lab File: VN057203.D

Acq: 12 Aug 2019 9:22

Instrument :

MSVOA_N

ClientSampleId :

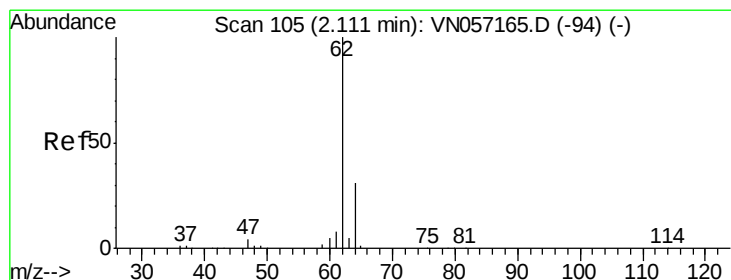
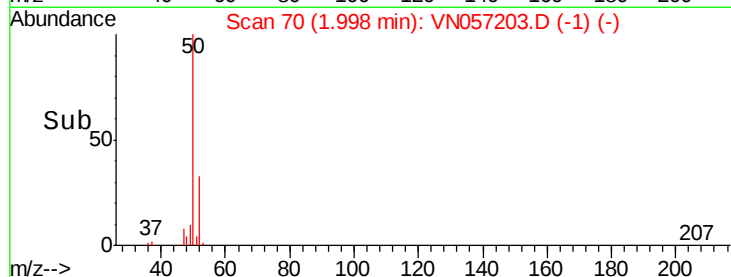
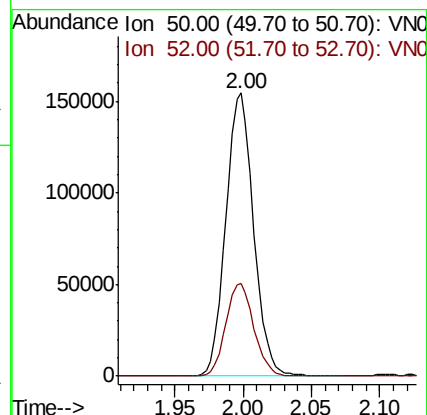
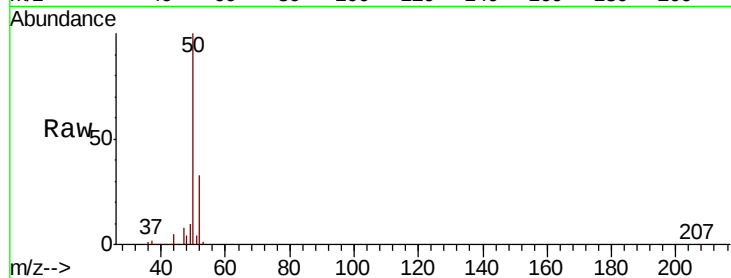
VSTDCCC020

Tgt Ion: 50 Resp: 218246

Ion Ratio Lower Upper

50 100

52 32.5 26.5 39.7



#4

Vinyl Chloride

Concen: 19.466 ug/l

RT: 2.11 min Scan# 105

Delta R.T. -0.00 min

Lab File: VN057203.D

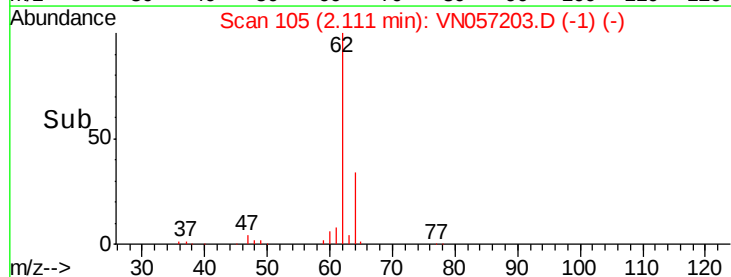
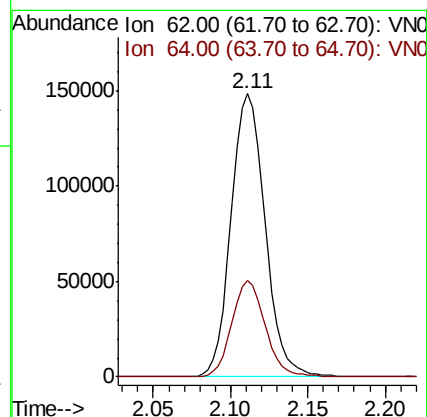
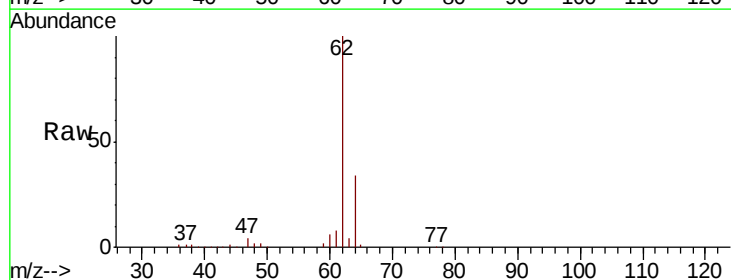
Acq: 12 Aug 2019 9:22

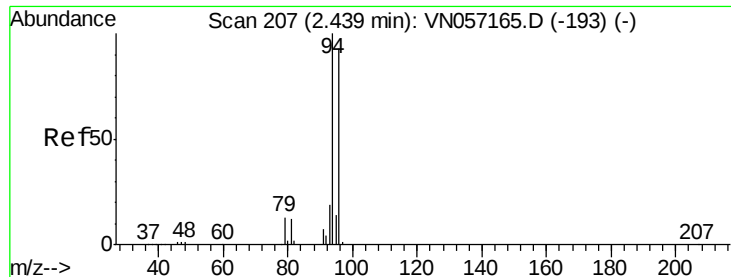
Tgt Ion: 62 Resp: 226707

Ion Ratio Lower Upper

62 100

64 34.0 25.0 37.4





#5

Bromomethane

Concen: 19.420 ug/l

RT: 2.44 min Scan# 206

Delta R.T. -0.00 min

Lab File: VN057203.D

Acq: 12 Aug 2019 9:22

Instrument :

MSVOA_N

ClientSampleId :

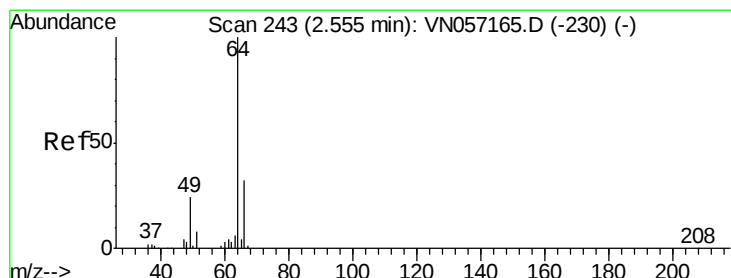
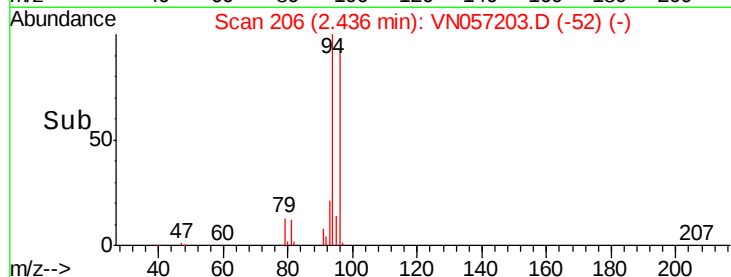
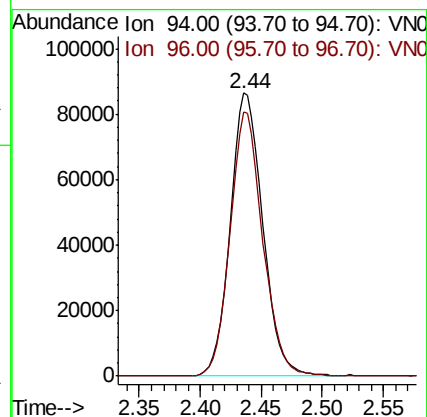
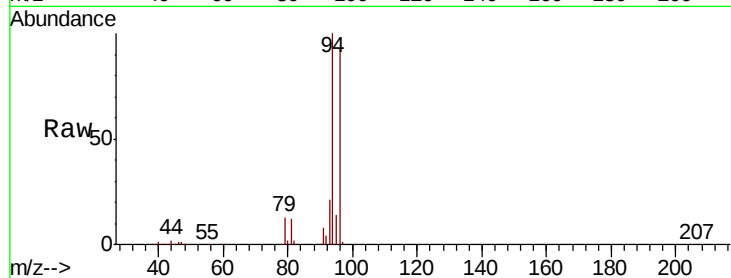
VSTDCCC020

Tgt Ion: 94 Resp: 161116

Ion Ratio Lower Upper

94 100

96 93.1 74.7 112.1



#6

Chloroethane

Concen: 19.720 ug/l

RT: 2.55 min Scan# 243

Delta R.T. -0.00 min

Lab File: VN057203.D

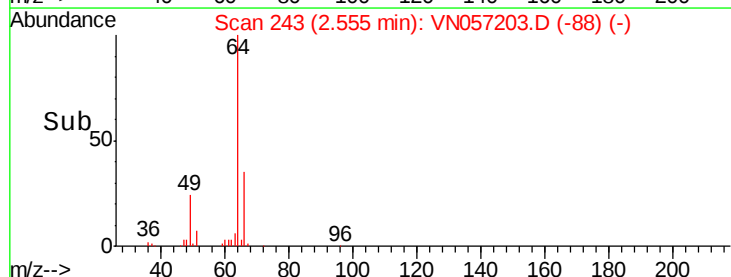
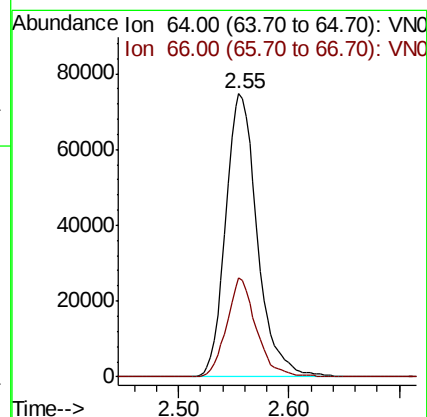
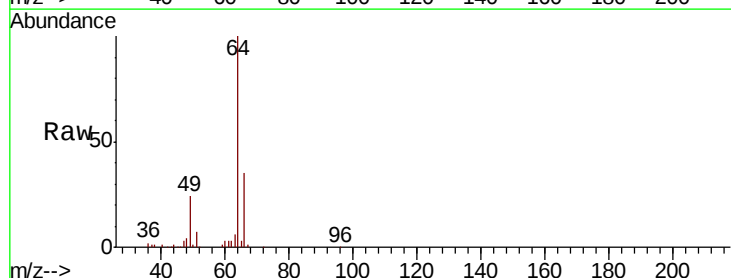
Acq: 12 Aug 2019 9:22

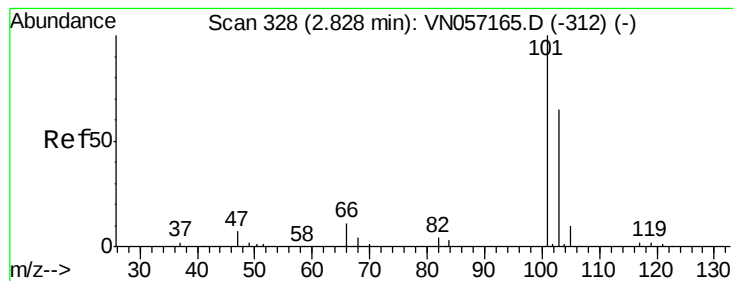
Tgt Ion: 64 Resp: 148930

Ion Ratio Lower Upper

64 100

66 34.8 25.8 38.6



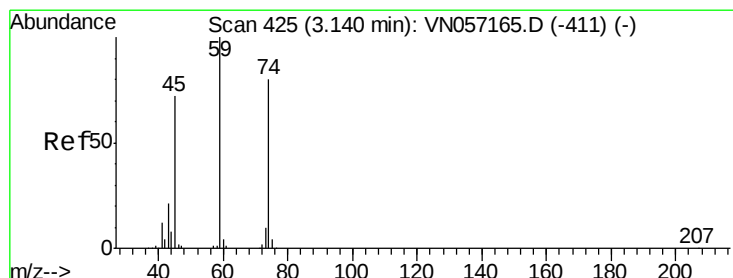
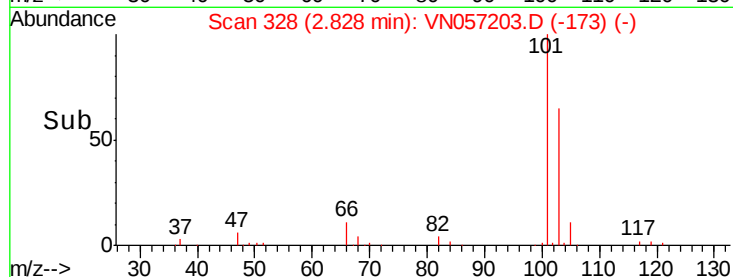
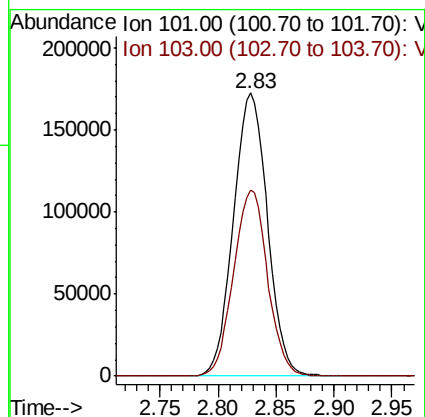
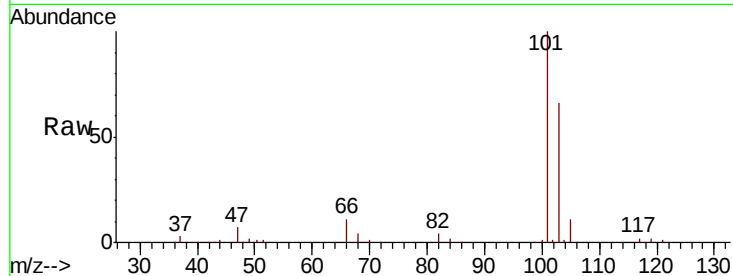


#7

Trichlorofluoromethane
 Concen: 20.185 ug/l
 RT: 2.83 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: VN057203.D
 Acq: 12 Aug 2019 9:22

Instrument :
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 VSTDCCC020

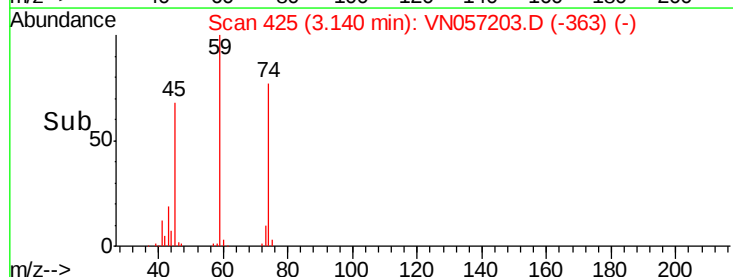
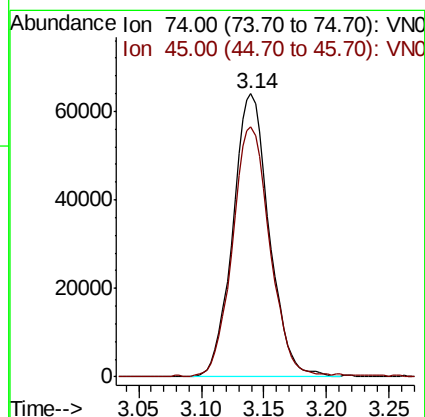
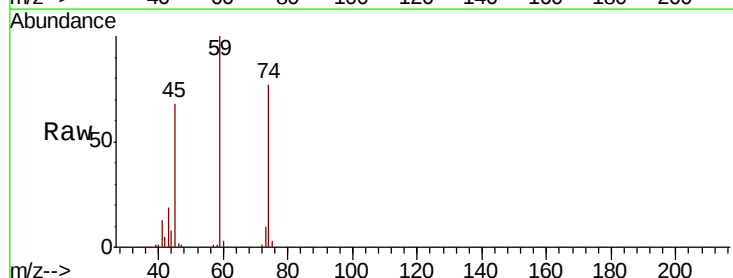
Tgt Ion: 101 Resp: 350540
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.8 77.8

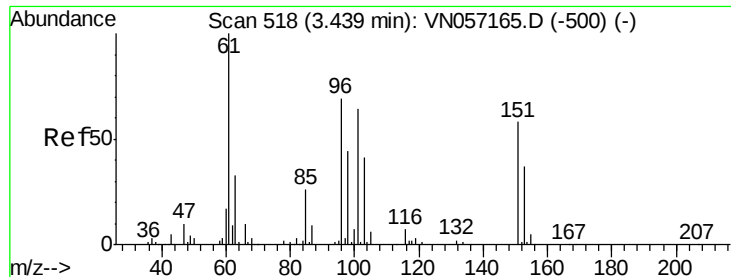


#8

Diethyl Ether
 Concen: 19.902 ug/l
 RT: 3.14 min Scan# 425
 Delta R.T. -0.00 min
 Lab File: VN057203.D
 Acq: 12 Aug 2019 9:22

Tgt Ion: 74 Resp: 128816
 Ion Ratio Lower Upper
 74 100
 45 91.3 17.9 161.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.476 ug/l

RT: 3.44 min Scan# 518

Delta R.T. -0.00 min

Lab File: VN057203.D

Acq: 12 Aug 2019 9:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

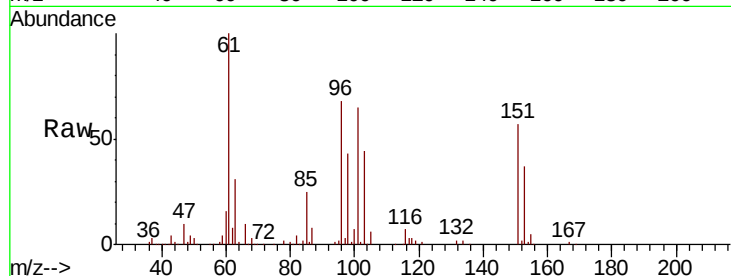
Tgt Ion: 101 Resp: 215087

Ion Ratio Lower Upper

101 100

85 21.4 0.0 84.4

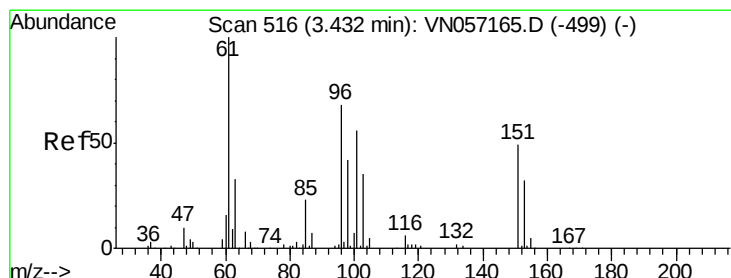
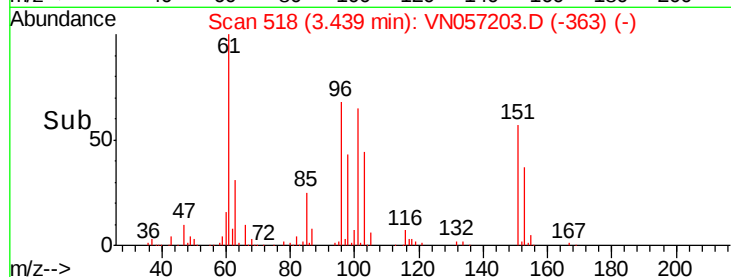
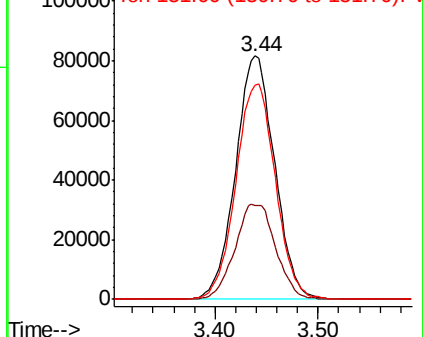
151 89.6 0.0 175.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.961 ug/l

RT: 3.44 min Scan# 517

Delta R.T. 0.00 min

Lab File: VN057203.D

Acq: 12 Aug 2019 9:22

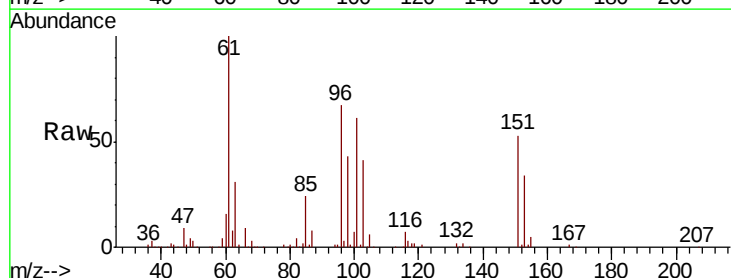
Tgt Ion: 96 Resp: 207312

Ion Ratio Lower Upper

96 100

61 149.6 118.2 177.2

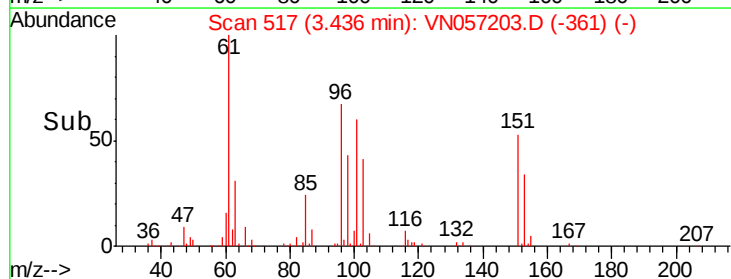
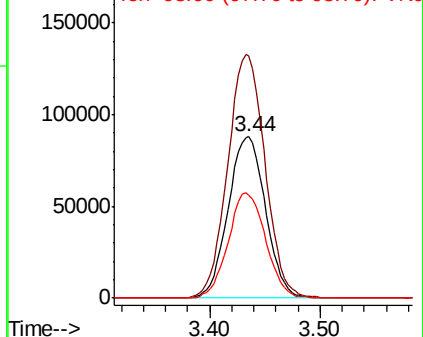
98 64.1 49.3 73.9

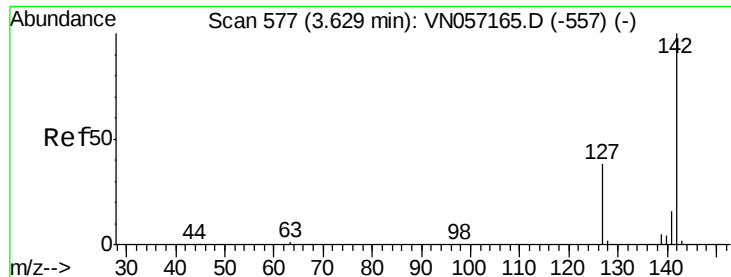


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

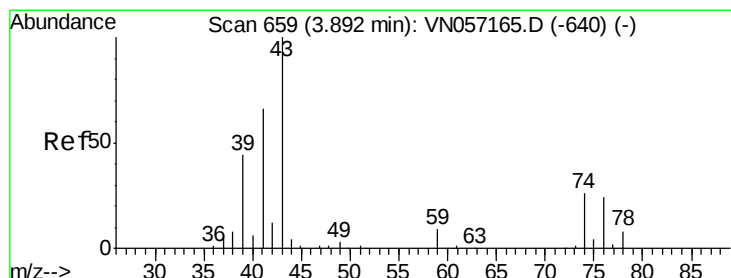
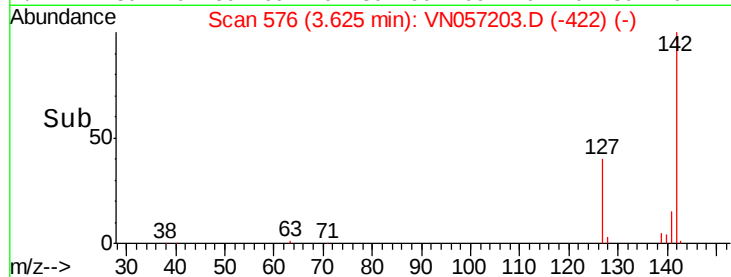
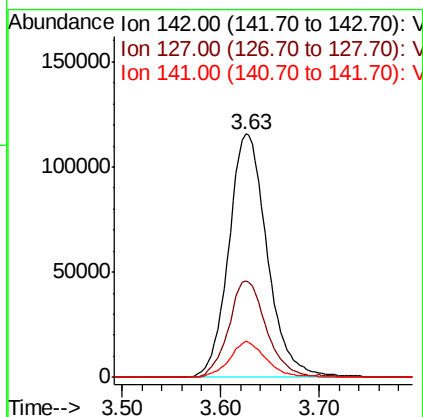
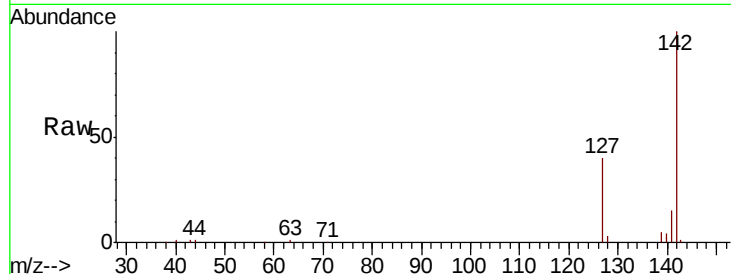




#11
Methyl Iodide
Concen: 19.343 ug/l
RT: 3.63 min Scan# 576
Delta R.T. -0.00 min
Lab File: VN057203.D
Acq: 12 Aug 2019 9:22

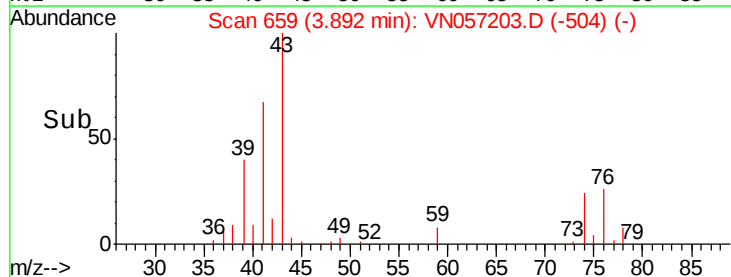
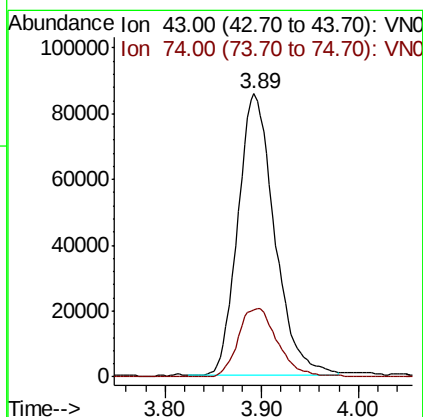
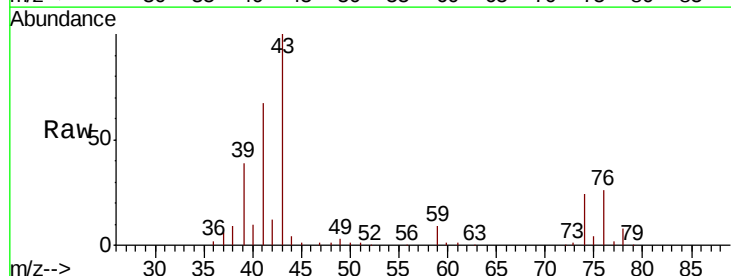
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

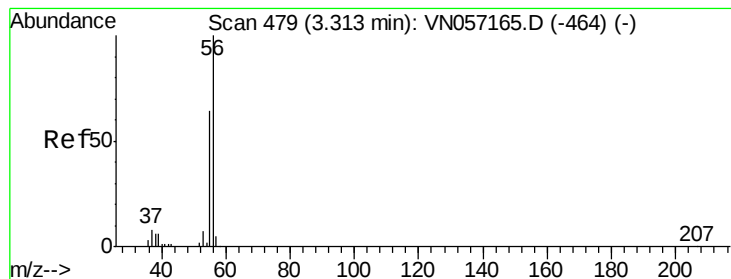
Tgt Ion:142 Resp: 313474
Ion Ratio Lower Upper
142 100
127 39.6 19.0 57.0
141 14.8 7.8 23.5



#12
Methyl Acetate
Concen: 20.926 ug/l
RT: 3.89 min Scan# 659
Delta R.T. -0.00 min
Lab File: VN057203.D
Acq: 12 Aug 2019 9:22

Tgt Ion: 43 Resp: 226402
Ion Ratio Lower Upper
43 100
74 23.5 20.5 30.7





#13

Acrolein

Concen: 87.980 ug/l

RT: 3.31 min Scan# 478

Delta R.T. -0.00 min

Lab File: VN057203.D

Acq: 12 Aug 2019 9:22

Instrument :

MSVOA_N

ClientSampleId :

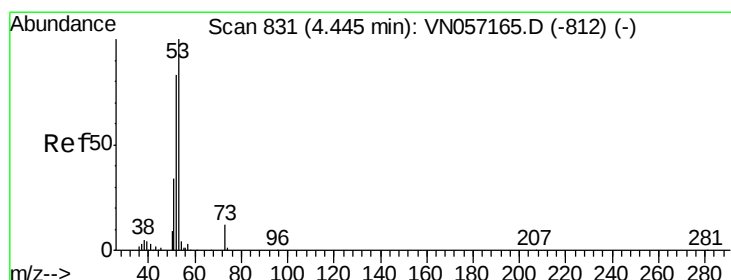
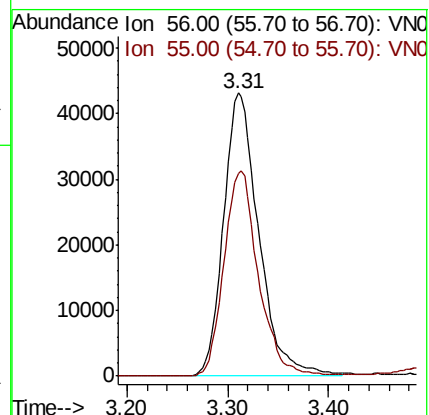
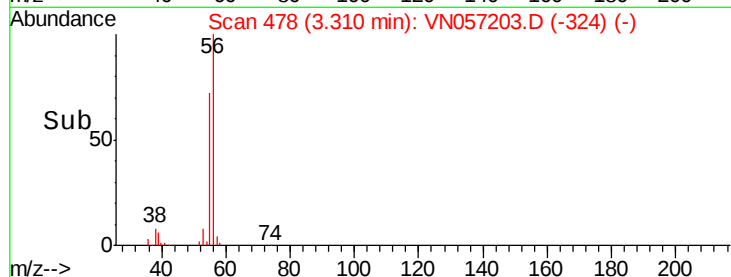
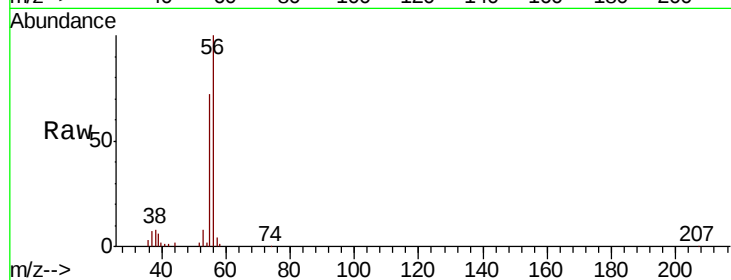
VSTDCCC020

Tgt Ion: 56 Resp: 104974

Ion Ratio Lower Upper

56 100

55 70.2 56.5 84.7



#14

Acrylonitrile

Concen: 98.532 ug/l

RT: 4.45 min Scan# 832

Delta R.T. 0.00 min

Lab File: VN057203.D

Acq: 12 Aug 2019 9:22

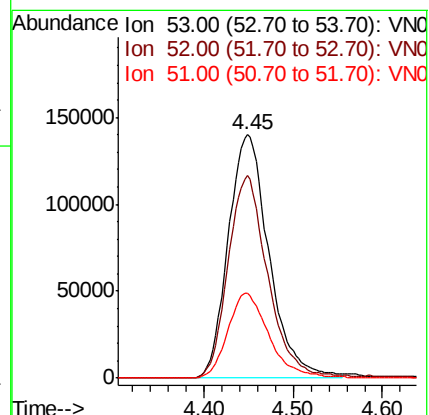
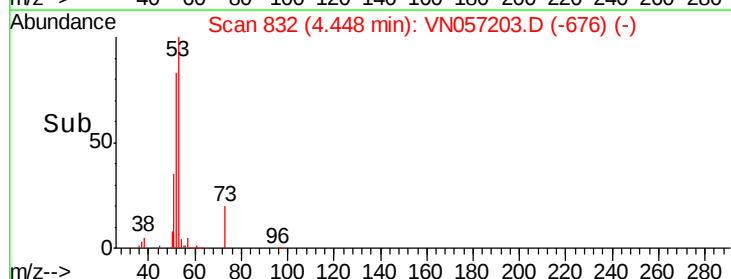
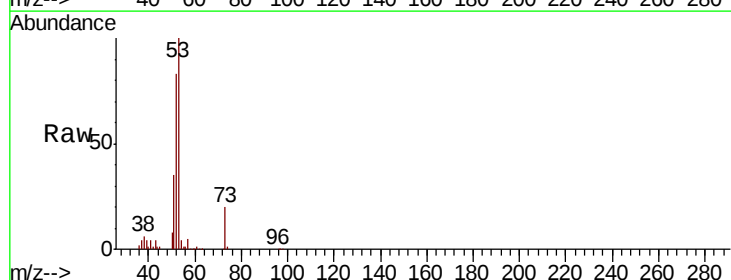
Tgt Ion: 53 Resp: 444761

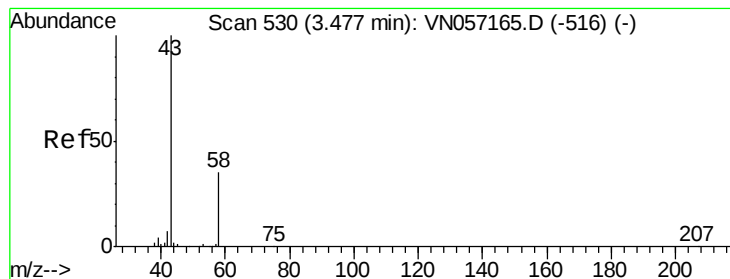
Ion Ratio Lower Upper

53 100

52 80.6 41.1 123.4

51 35.0 17.4 52.3





#15

Acetone

Concen: 112.358 ug/l

RT: 3.47 min Scan# 529

Delta R.T. -0.00 min

Lab File: VN057203.D

Acq: 12 Aug 2019 9:22

Instrument :

MSVOA_N

ClientSampleId :

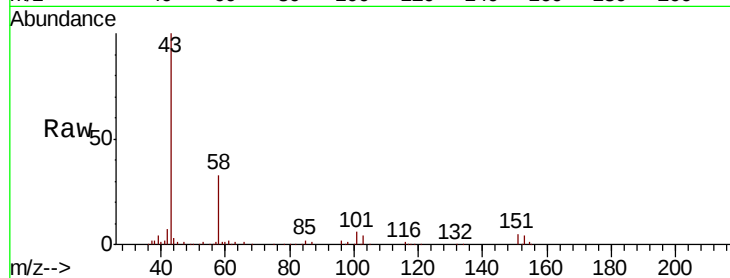
VSTDCCC020

Tgt Ion: 58 Resp: 168321

Ion Ratio Lower Upper

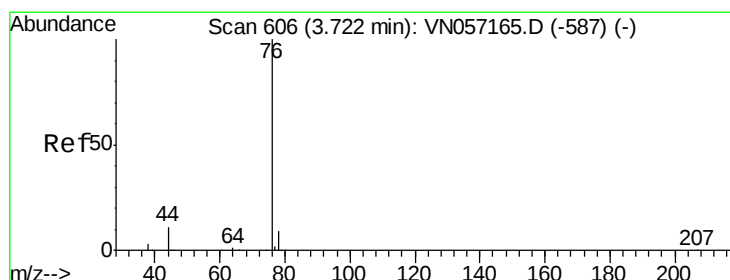
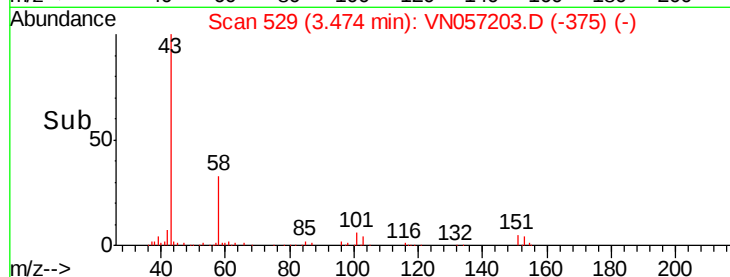
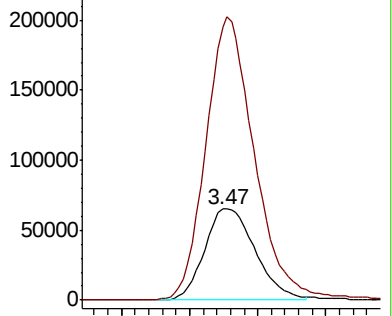
58 100

43 298.9 226.2 339.2



Abundance Ion 58.00 (57.70 to 58.70): VN057203.D (-529) (-)

Ion 43.00 (42.70 to 43.70): VN057203.D (-529) (-)



#16

Carbon Disulfide

Concen: 19.512 ug/l

RT: 3.72 min Scan# 606

Delta R.T. -0.00 min

Lab File: VN057203.D

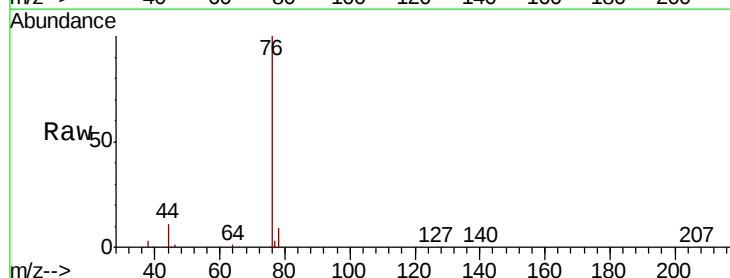
Acq: 12 Aug 2019 9:22

Tgt Ion: 76 Resp: 546726

Ion Ratio Lower Upper

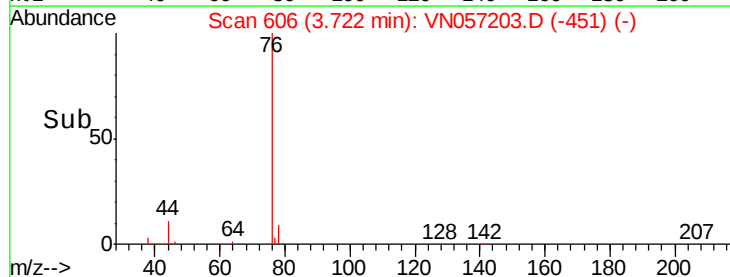
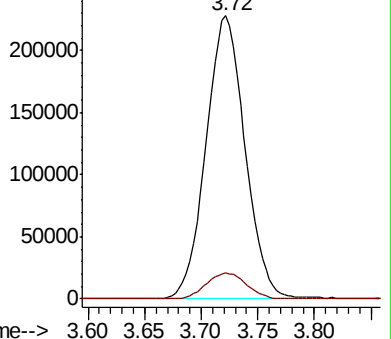
76 100

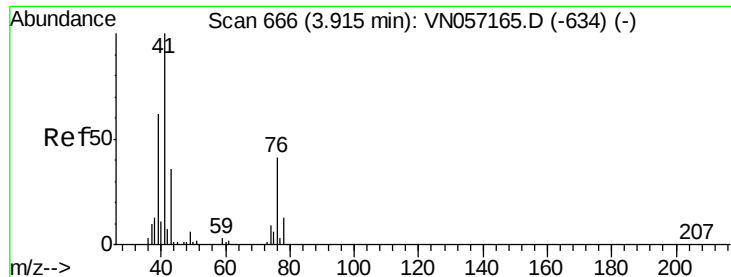
78 9.0 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN057203.D (-606) (-)

Ion 78.00 (77.70 to 78.70): VN057203.D (-606) (-)

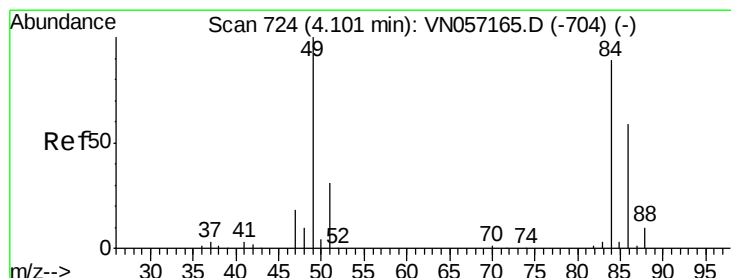
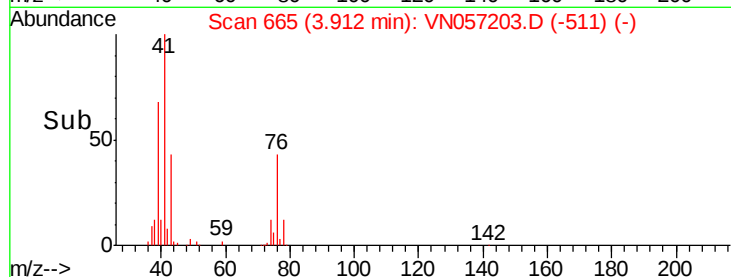
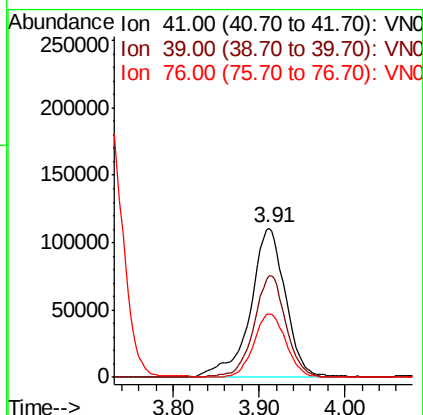
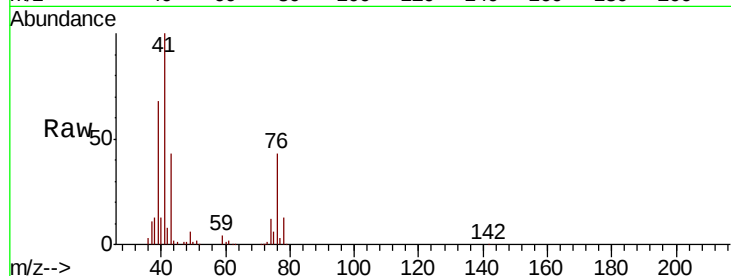




#17
 Allyl chloride
 Concen: 20.504 ug/l
 RT: 3.91 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: VN057203.D
 Acq: 12 Aug 2019 9:22

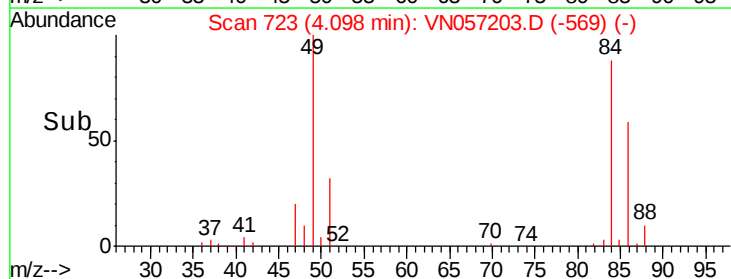
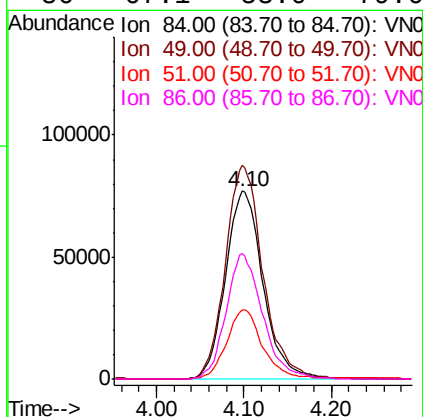
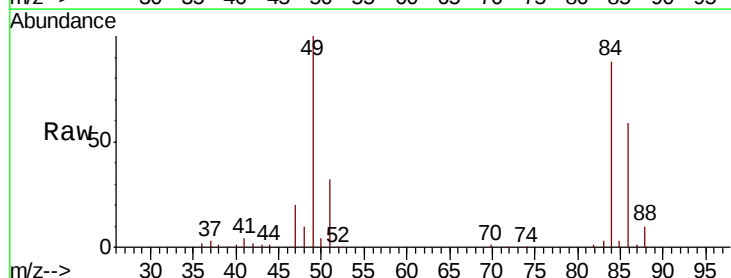
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

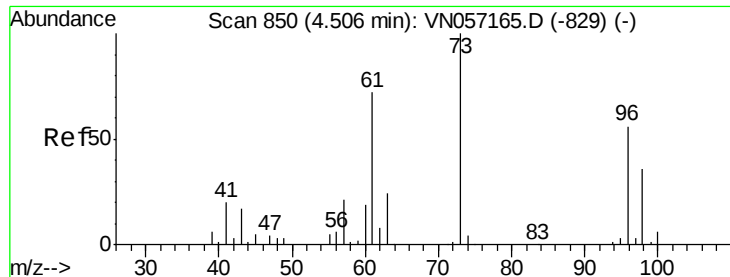
Tgt Ion: 41 Resp: 313955
 Ion Ratio Lower Upper
 41 100
 39 67.8 31.2 93.6
 76 42.2 20.5 61.6



#18
 Methylene Chloride
 Concen: 19.464 ug/l
 RT: 4.10 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: VN057203.D
 Acq: 12 Aug 2019 9:22

Tgt Ion: 84 Resp: 229181
 Ion Ratio Lower Upper
 84 100
 49 113.5 90.1 135.1
 51 36.7 27.9 41.9
 86 67.1 53.0 79.6

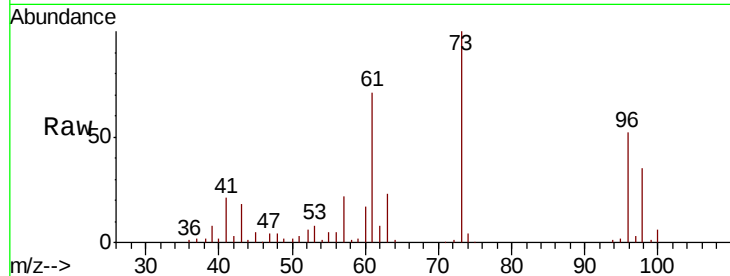




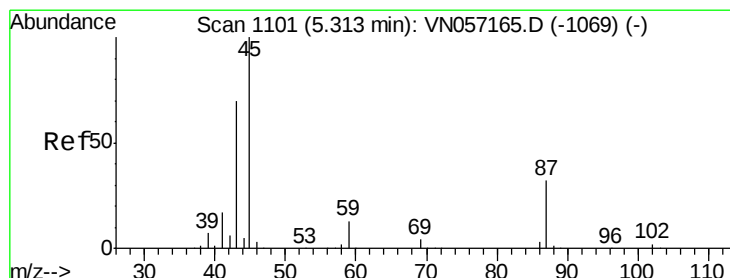
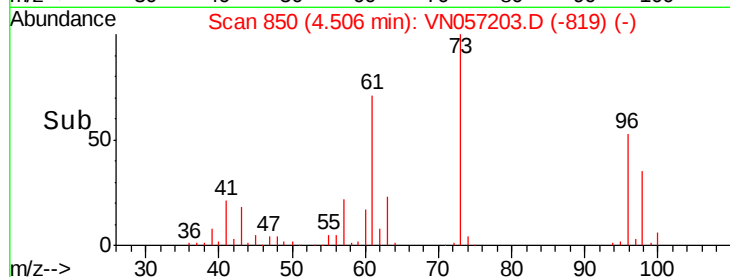
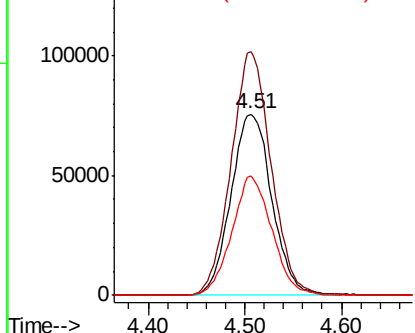
#19
trans-1,2-Dichloroethene
Concen: 19.965 ug/l
RT: 4.51 min Scan# 850
Delta R.T. -0.00 min
Lab File: VN057203.D
Acq: 12 Aug 2019 9:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 96 Resp: 222298
Ion Ratio Lower Upper
96 100
61 134.3 103.6 155.4
98 65.7 51.3 76.9

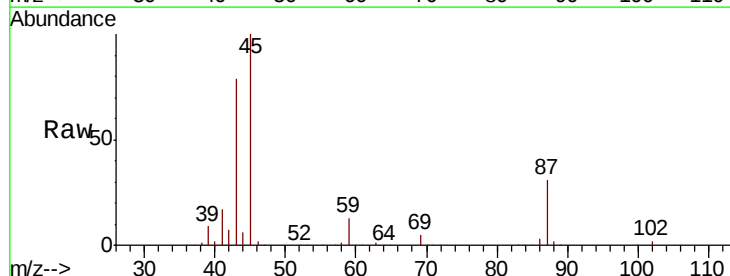


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

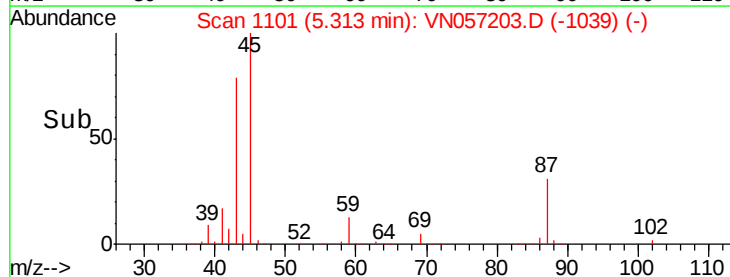
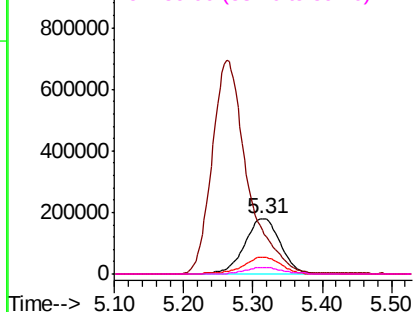


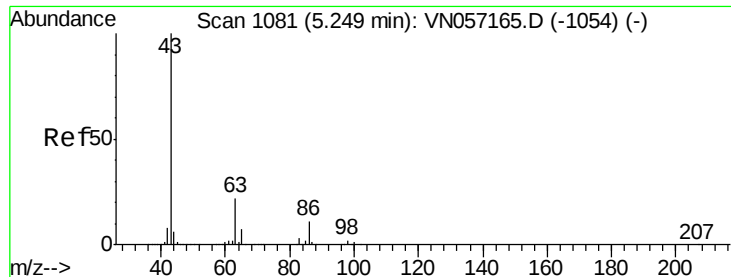
#20
Diisopropyl ether
Concen: 20.633 ug/l
RT: 5.31 min Scan# 1101
Delta R.T. -0.00 min
Lab File: VN057203.D
Acq: 12 Aug 2019 9:22

Tgt Ion: 45 Resp: 644308
Ion Ratio Lower Upper
45 100
43 77.5 60.0 90.0
87 30.6 25.9 38.9
59 12.5 10.5 15.7



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

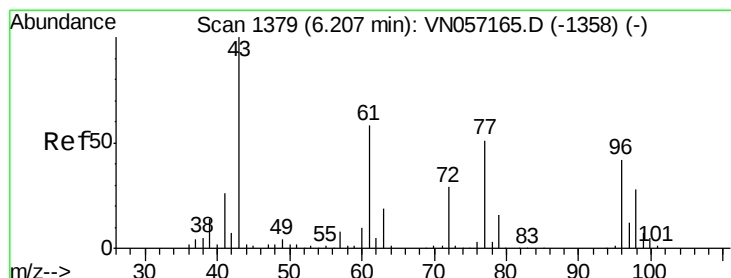
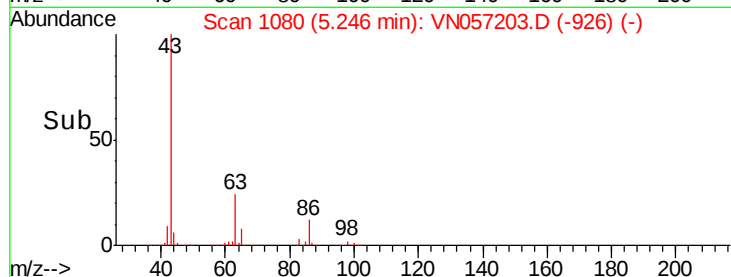
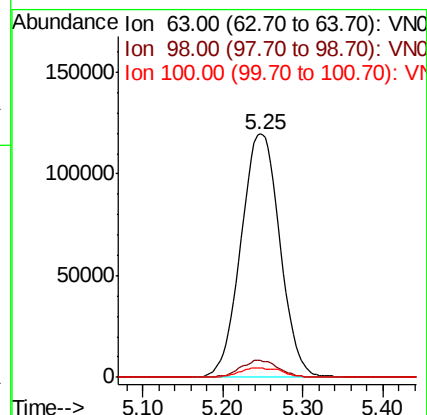
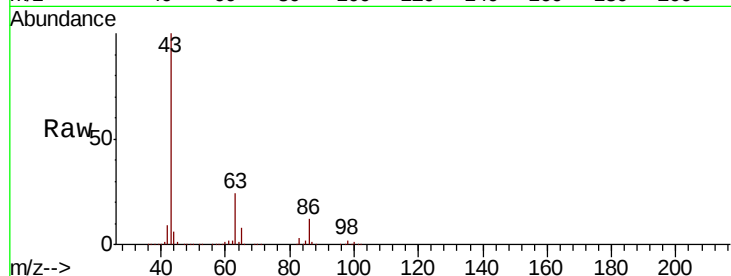




#21
 1,1-Dichloroethane
 Concen: 20.361 ug/l
 RT: 5.25 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VN057203.D
 Acq: 12 Aug 2019 9:22

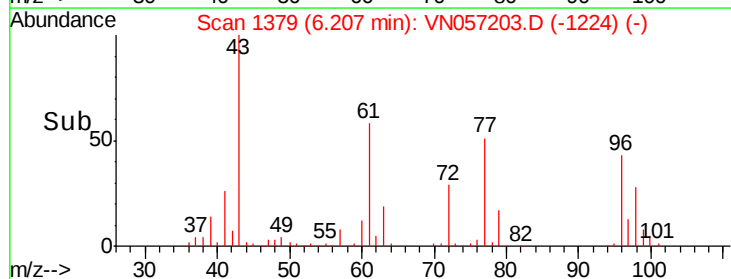
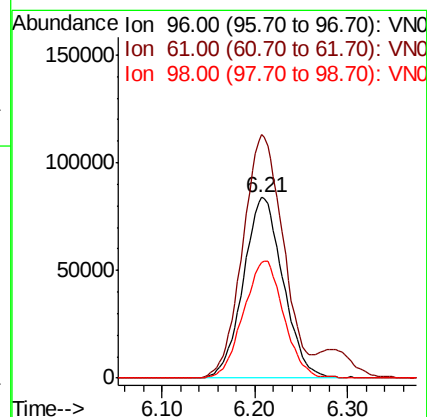
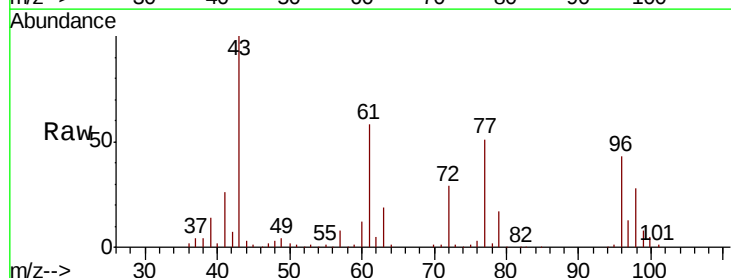
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

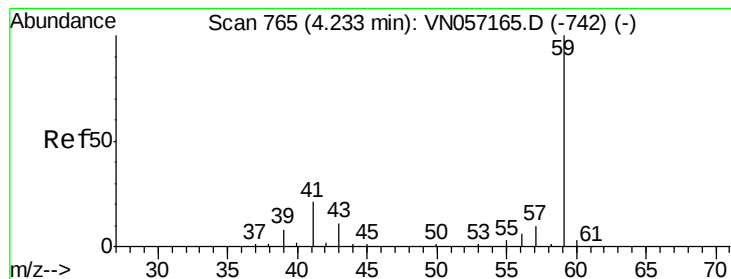
Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.5	10.4
100	3.9	1.9	5.7



#22
 cis-1,2-Dichloroethene
 Concen: 19.689 ug/l
 RT: 6.21 min Scan# 1379
 Delta R.T. -0.00 min
 Lab File: VN057203.D
 Acq: 12 Aug 2019 9:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.9	109.2	163.8
98	65.7	51.7	77.5





#23

tert-Butyl Alcohol

Concen: 99.845 ug/l

RT: 4.24 min Scan# 766

Delta R.T. 0.00 min

Lab File: VN057203.D

Acq: 12 Aug 2019 9:22

Instrument :

MSVOA_N

ClientSampleId :

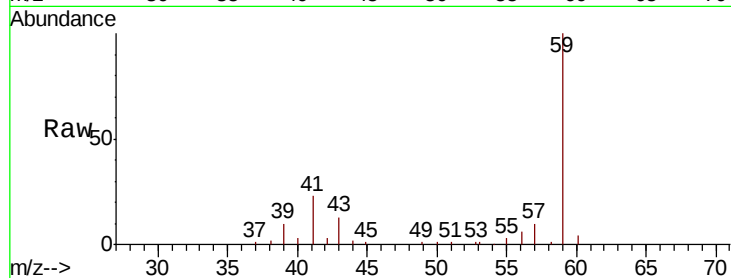
VSTDCCC020

Tgt Ion: 59 Resp: 148721

Ion Ratio Lower Upper

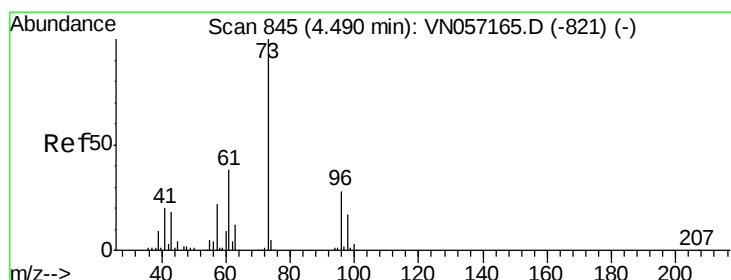
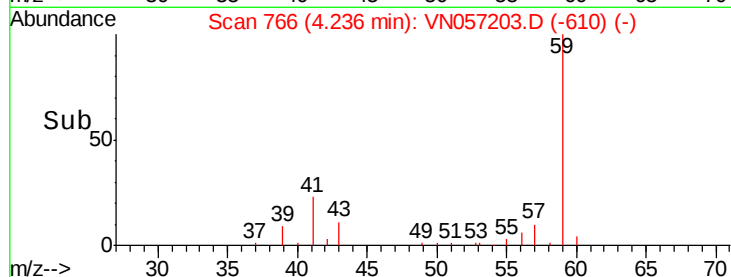
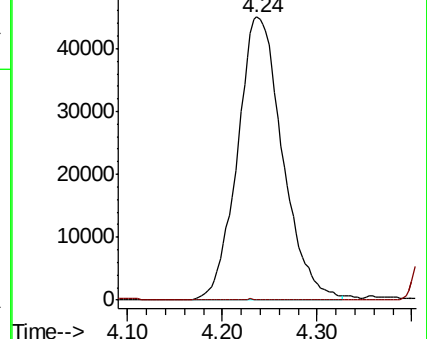
59 100

52 0.1 0.2 0.2#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#24

Methyl tert-Butyl Ether

Concen: 20.470 ug/l

RT: 4.49 min Scan# 845

Delta R.T. -0.00 min

Lab File: VN057203.D

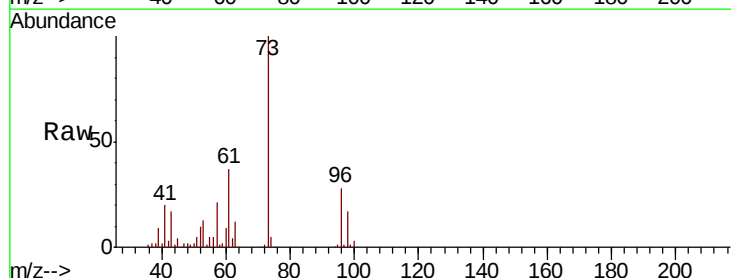
Acq: 12 Aug 2019 9:22

Tgt Ion: 73 Resp: 625181

Ion Ratio Lower Upper

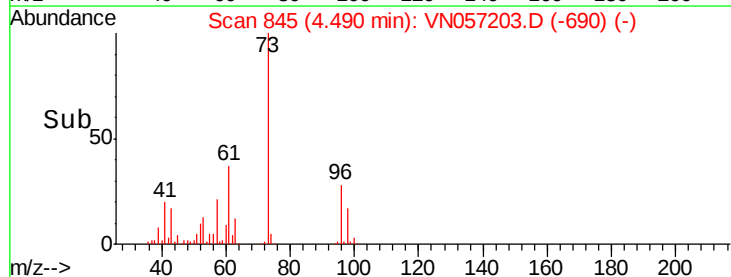
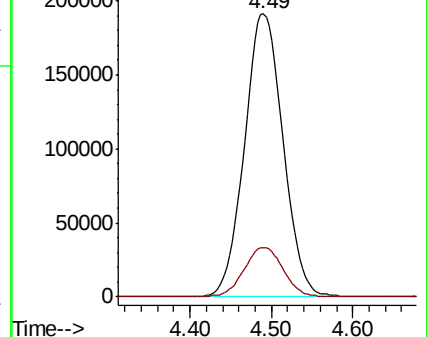
73 100

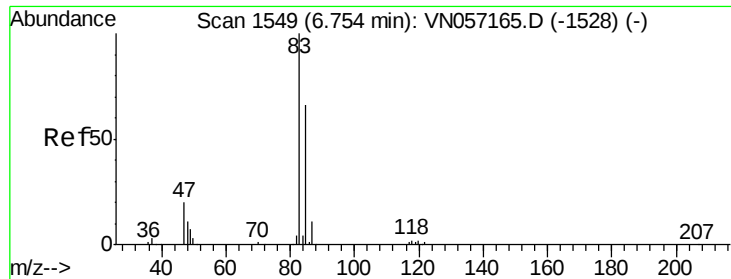
43 18.0 14.3 21.5



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 43.00 (42.70 to 43.70): VN0





#25

Chloroform

Concen: 20.036 ug/l

RT: 6.76 min Scan# 1550

Delta R.T. 0.00 min

Lab File: VN057203.D

Acq: 12 Aug 2019 9:22

Instrument :

MSVOA_N

ClientSampleId :

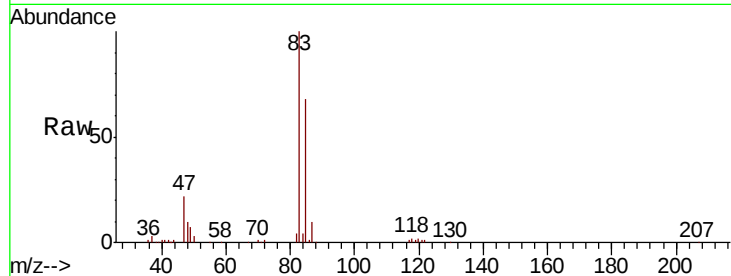
VSTDCCC020

Tgt Ion: 83 Resp: 400683

Ion Ratio Lower Upper

83 100

85 67.6 52.5 78.7



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

6.76

150000

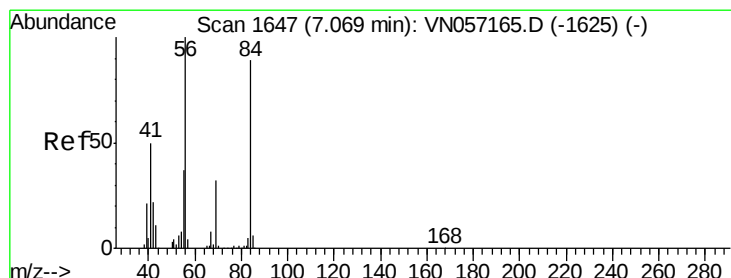
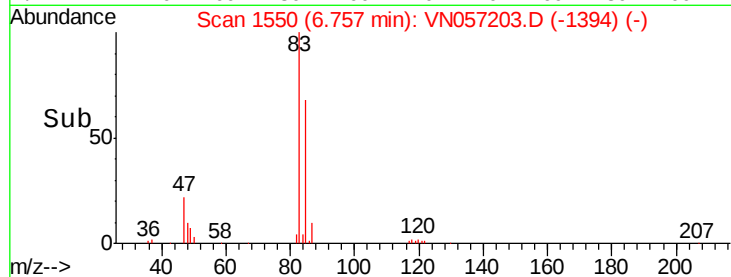
100000

50000

0

6.70 6.80

Time-->



#26

Cyclohexane

Concen: 19.834 ug/l

RT: 7.06 min Scan# 1645

Delta R.T. -0.01 min

Lab File: VN057203.D

Acq: 12 Aug 2019 9:22

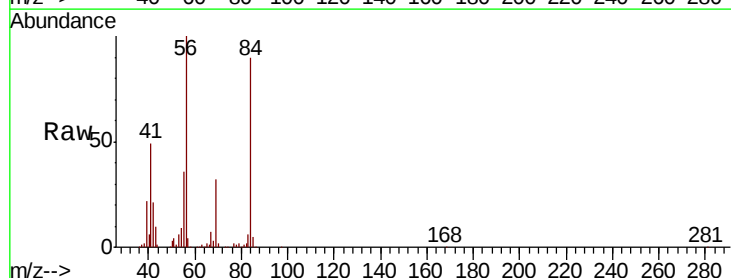
Tgt Ion: 56 Resp: 329769

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 89.0 70.8 106.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 89.00 (88.70 to 89.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

200000

150000

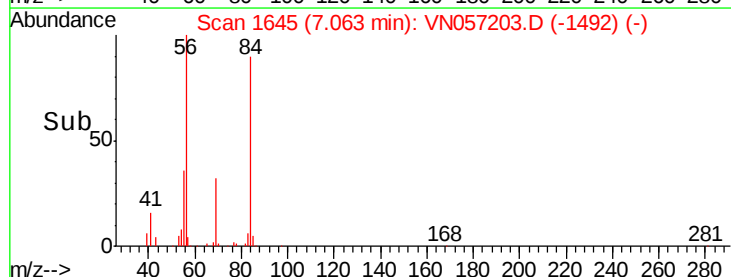
100000

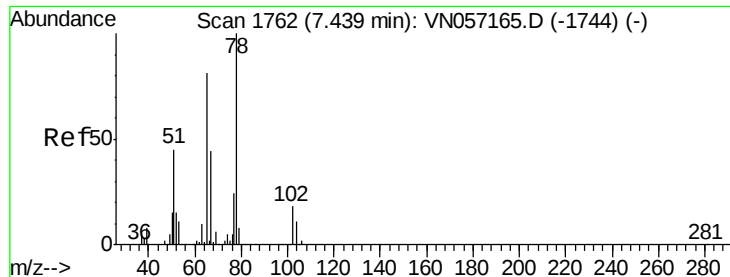
50000

0

6.95 7.00 7.05 7.10

Time-->





#27

1,2-Dichloroethane-d4

Concen: 29.103 ug/l

RT: 7.44 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VN057203.D

Acq: 12 Aug 2019 9:22

Instrument :

MSVOA_N

ClientSampleId :

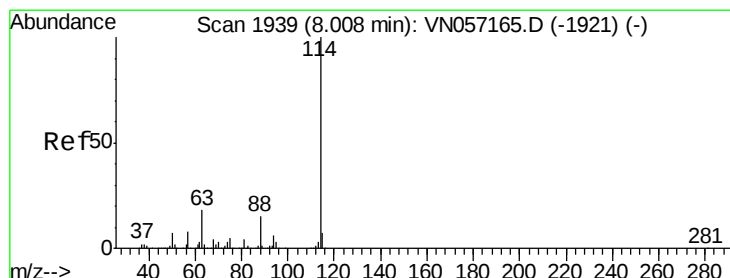
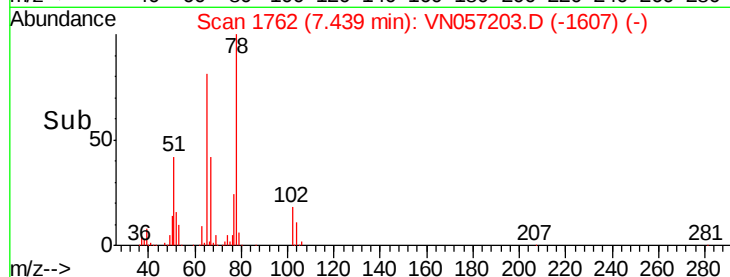
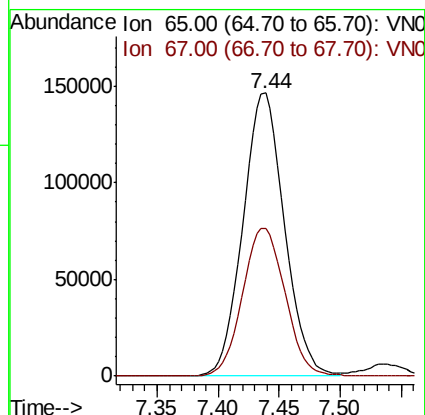
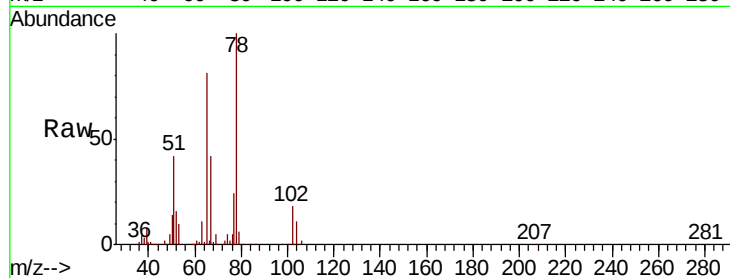
VSTDCCC020

Tgt Ion: 65 Resp: 343727

Ion Ratio Lower Upper

65 100

67 53.9 42.4 63.6



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. -0.00 min

Lab File: VN057203.D

Acq: 12 Aug 2019 9:22

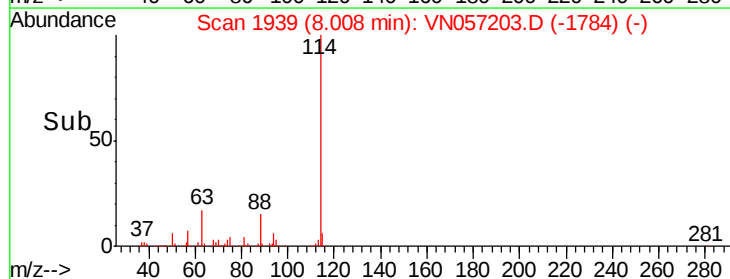
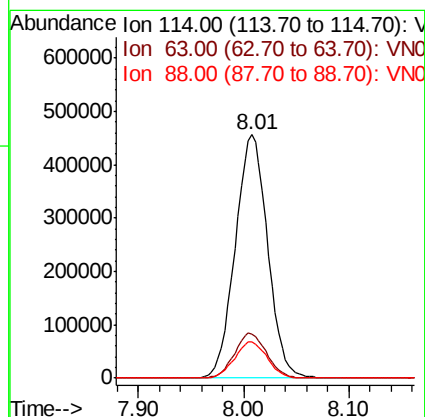
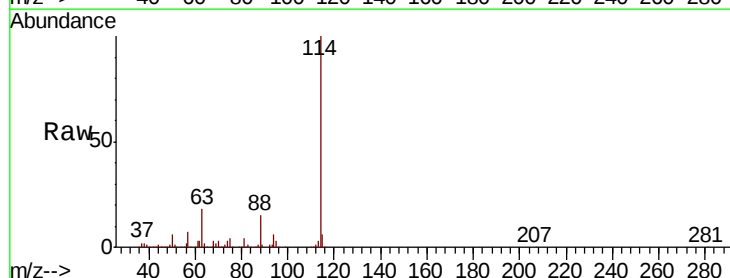
Tgt Ion: 114 Resp: 970340

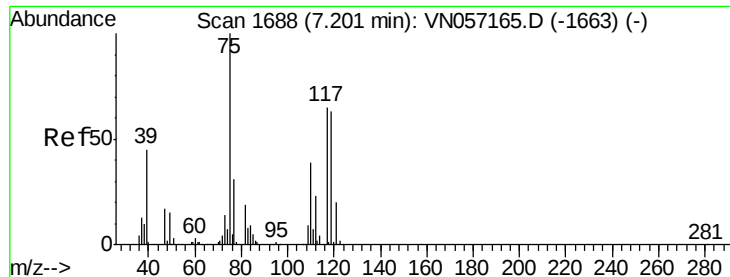
Ion Ratio Lower Upper

114 100

63 18.4 14.6 21.8

88 14.9 12.2 18.2





#29

1,1-Dichloropropene

Concen: 20.908 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VN057203.D

Acq: 12 Aug 2019 9:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

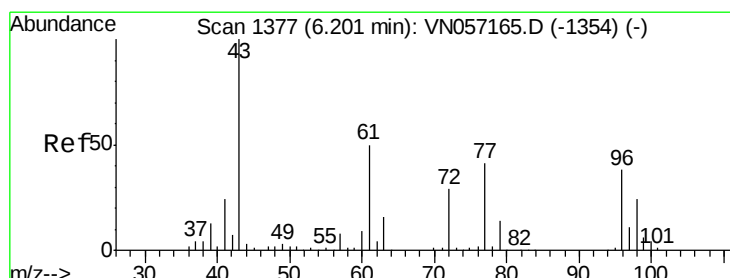
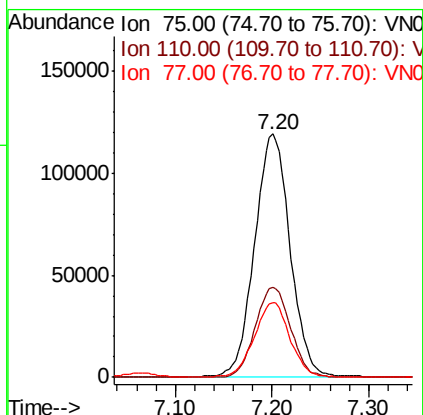
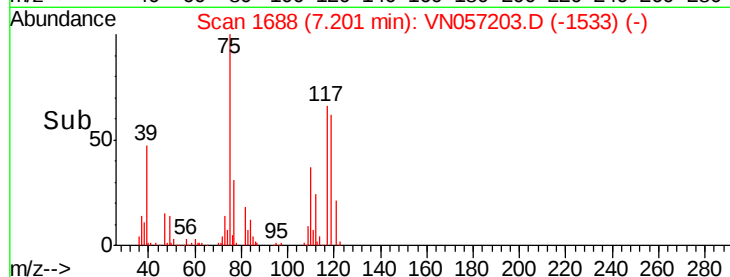
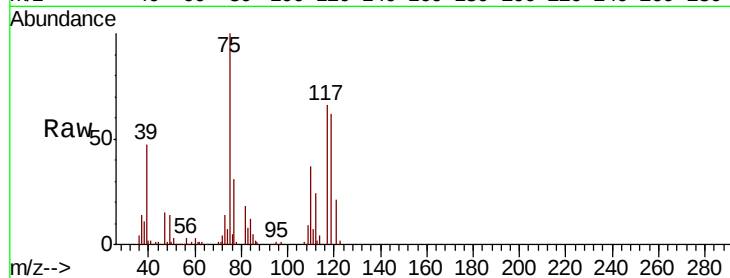
Tgt Ion: 75 Resp: 305094

Ion Ratio Lower Upper

75 100

110 36.7 0.0 75.6

77 30.8 0.0 62.4



#30

2-Butanone

Concen: 106.128 ug/l

RT: 6.20 min Scan# 1377

Delta R.T. -0.00 min

Lab File: VN057203.D

Acq: 12 Aug 2019 9:22

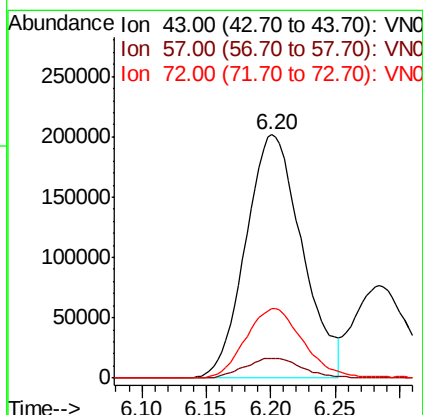
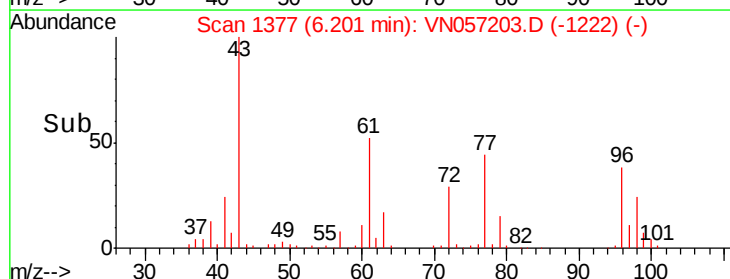
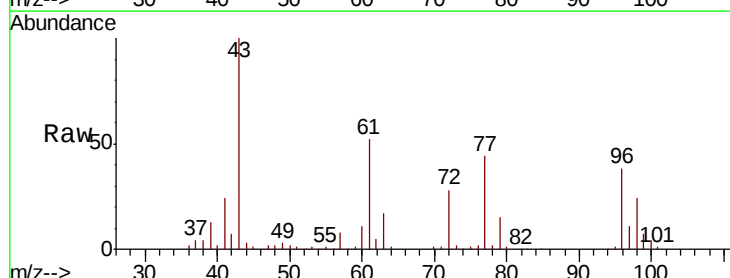
Tgt Ion: 43 Resp: 609701

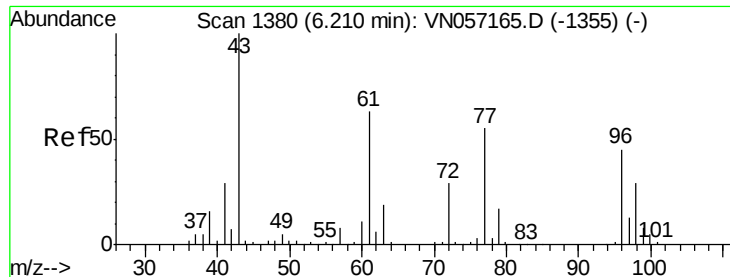
Ion Ratio Lower Upper

43 100

57 4.1 6.8 10.2#

72 29.2 23.0 34.6

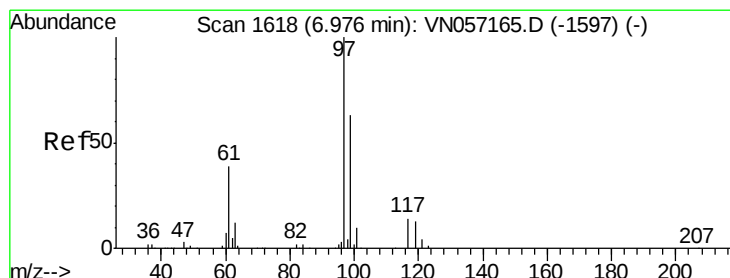
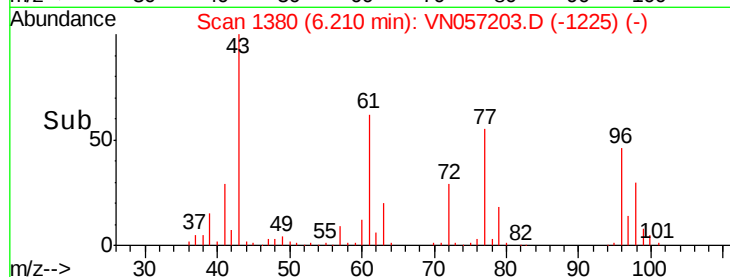
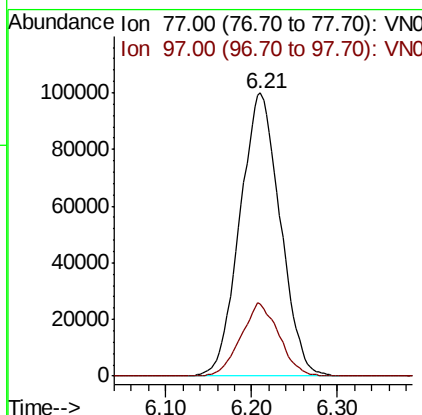
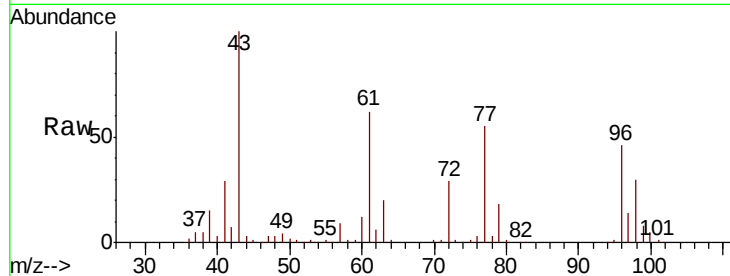




#31
 2,2-Dichloropropane
 Concen: 20.872 ug/l
 RT: 6.21 min Scan# 1380
 Delta R.T. -0.00 min
 Lab File: VN057203.D
 Acq: 12 Aug 2019 9:22

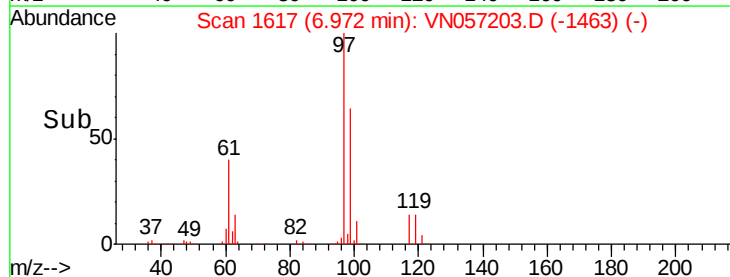
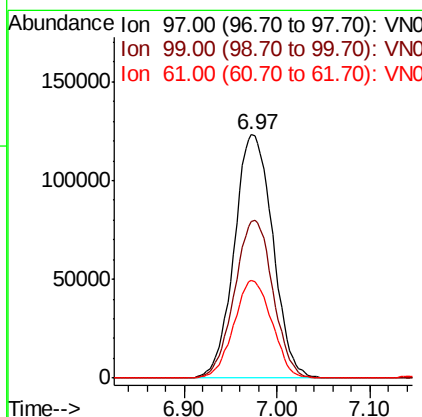
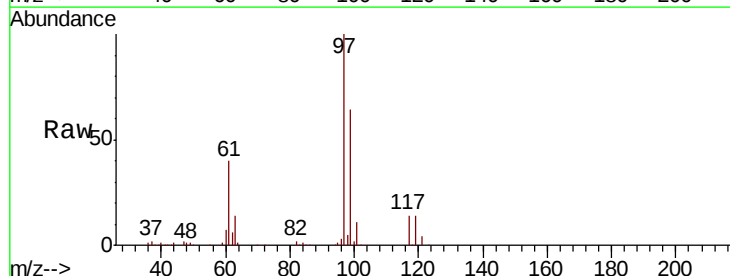
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

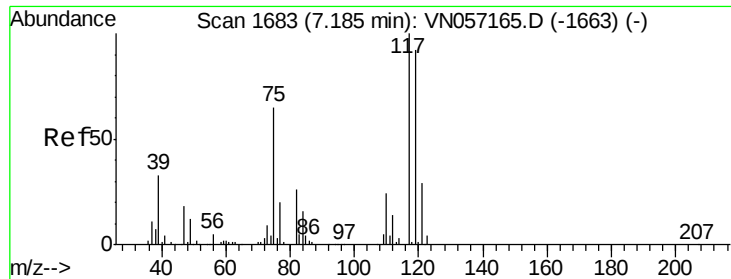
Tgt Ion: 77 Resp: 325627
 Ion Ratio Lower Upper
 77 100
 97 24.3 19.4 29.2



#32
 1,1,1-Trichloroethane
 Concen: 21.038 ug/l
 RT: 6.97 min Scan# 1617
 Delta R.T. -0.00 min
 Lab File: VN057203.D
 Acq: 12 Aug 2019 9:22

Tgt Ion: 97 Resp: 355520
 Ion Ratio Lower Upper
 97 100
 99 64.7 52.4 78.6
 61 39.8 32.3 48.5

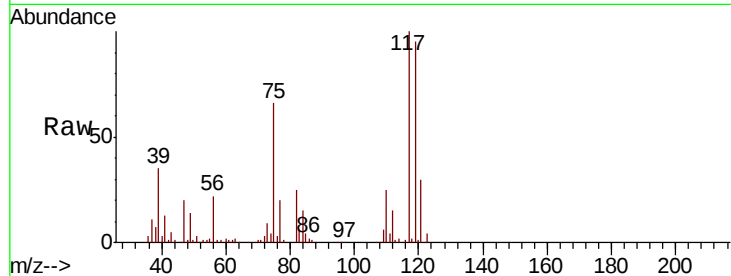




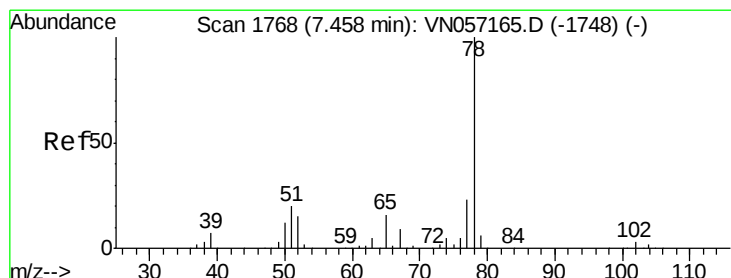
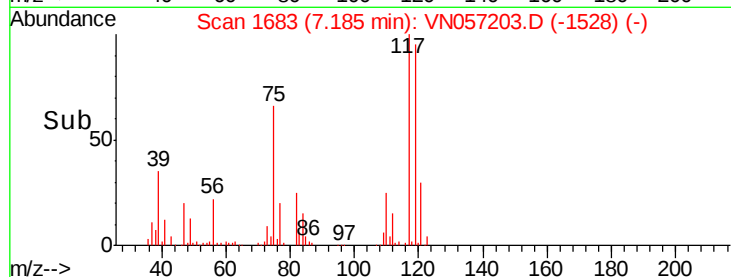
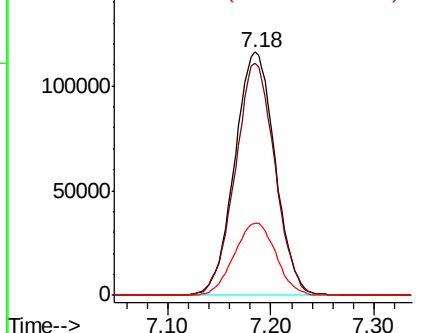
#33
Carbon Tetrachloride
Concen: 21.011 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN057203.D
Acq: 12 Aug 2019 9:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 117 Resp: 316075
Ion Ratio Lower Upper
117 100
119 95.1 73.9 110.9
121 29.6 23.4 35.2

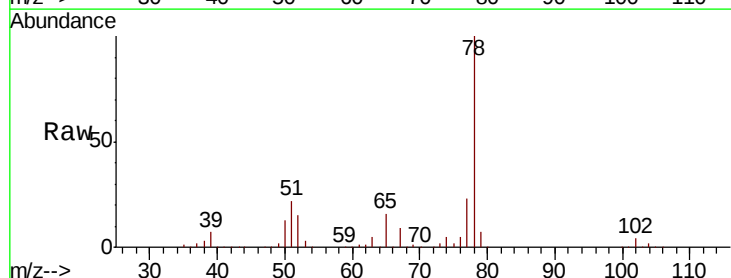


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

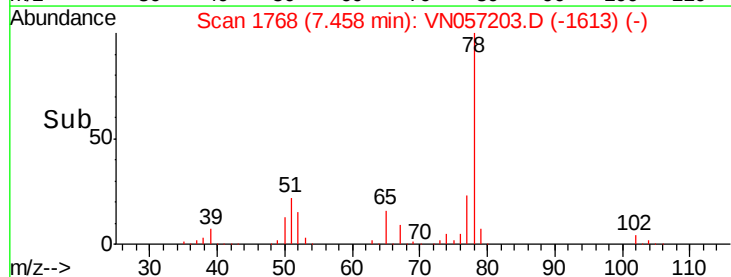
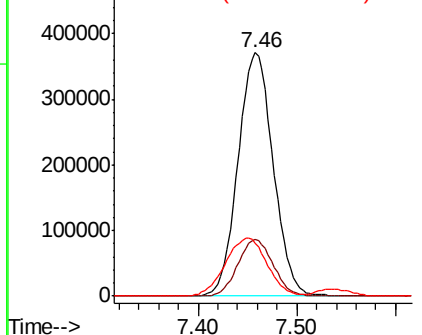


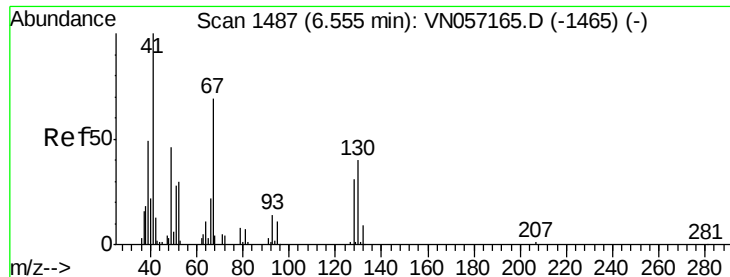
#34
Benzene
Concen: 20.555 ug/l
RT: 7.46 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VN057203.D
Acq: 12 Aug 2019 9:22

Tgt Ion: 78 Resp: 915592
Ion Ratio Lower Upper
78 100
77 23.3 18.3 27.5
51 21.7 16.2 24.2



Abundance Ion 78.10 (77.80 to 78.80): V
Ion 77.00 (76.70 to 77.70): V
Ion 51.00 (50.70 to 51.70): V

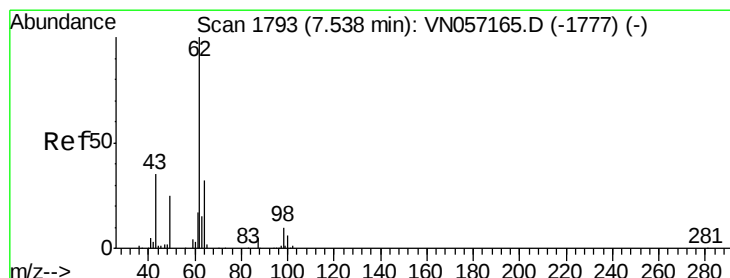
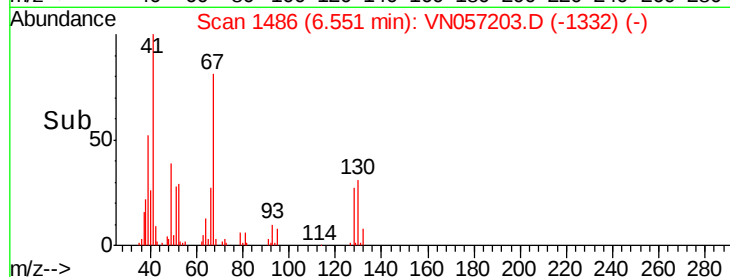
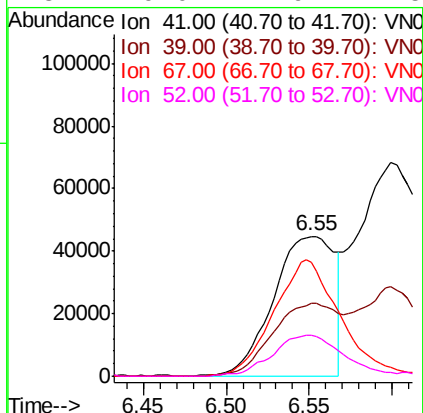
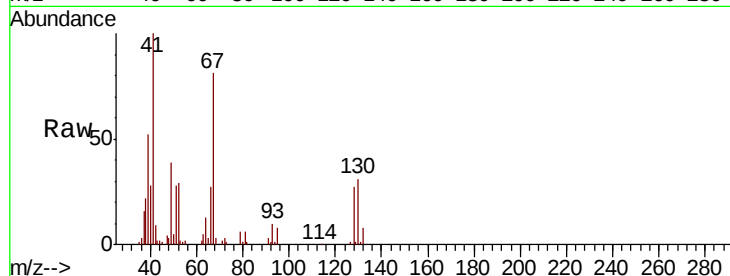




#35
Methacrylonitrile
Concen: 19.890 ug/l
RT: 6.55 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VN057203.D
Acq: 12 Aug 2019 9:22

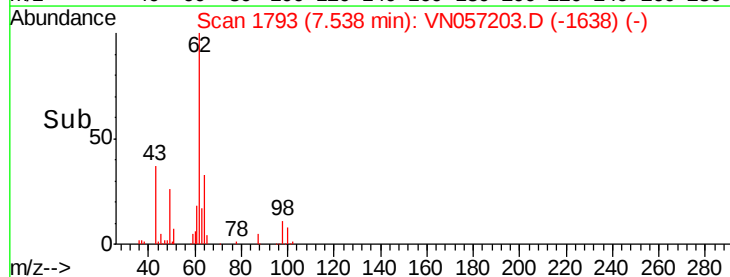
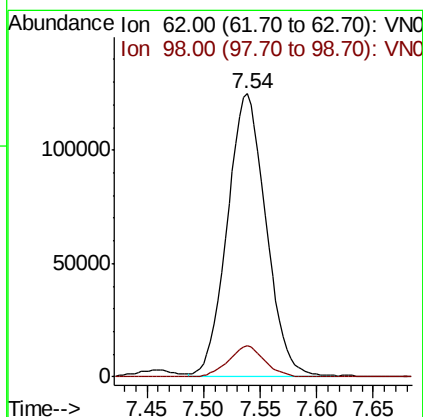
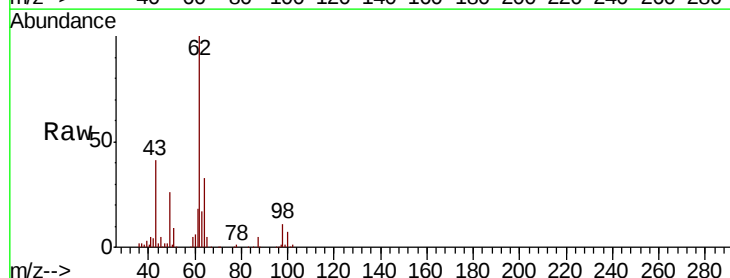
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

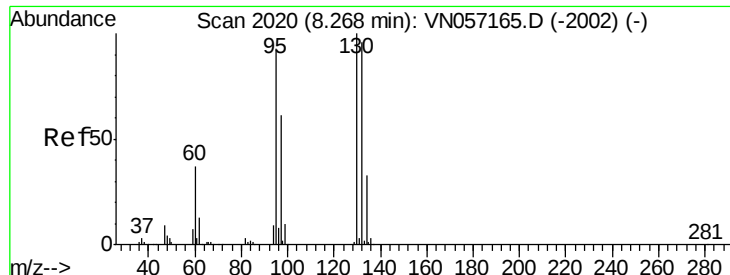
Tgt Ion:	41	Resp:	115490
Ion	Ratio	Lower	Upper
41	100		
39	51.4	24.6	74.0
67	81.1	34.4	103.2
52	29.0	14.9	44.5



#36
1,2-Dichloroethane
Concen: 20.804 ug/l
RT: 7.54 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VN057203.D
Acq: 12 Aug 2019 9:22

Tgt Ion:	62	Resp:	296043
Ion	Ratio	Lower	Upper
62	100		
98	10.2	8.2	12.4

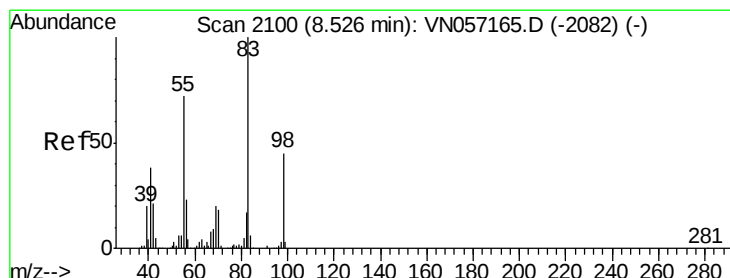
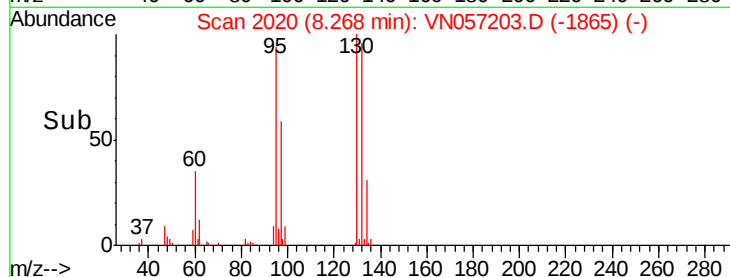
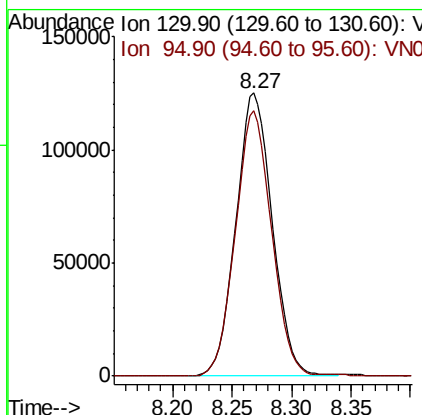
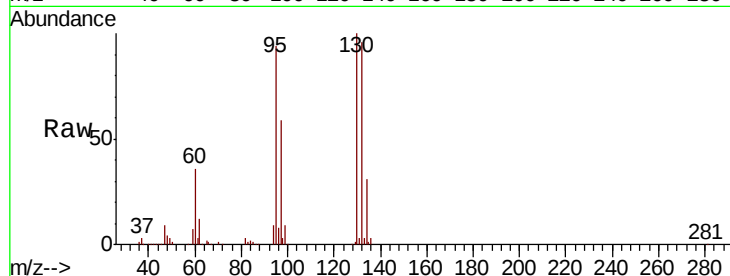




#37
 Trichloroethene
 Concen: 20.942 ug/l
 RT: 8.27 min Scan# 2020
 Delta R.T. -0.00 min
 Lab File: VN057203.D
 Acq: 12 Aug 2019 9:22

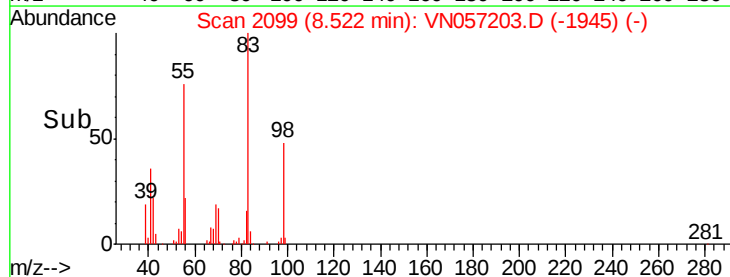
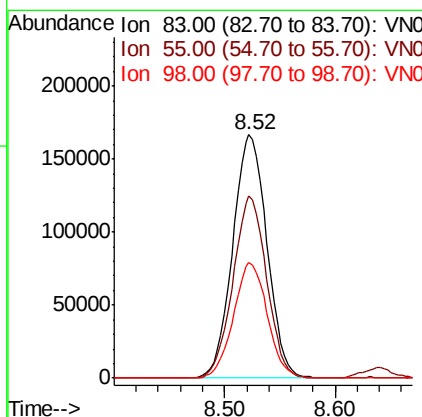
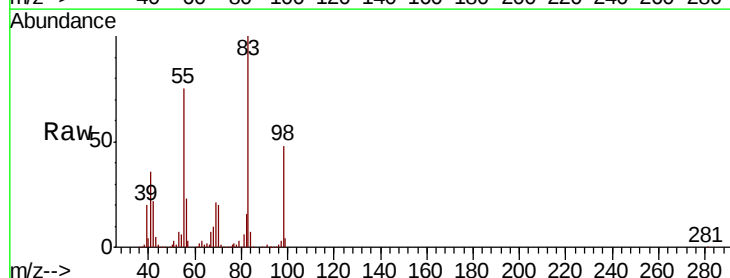
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

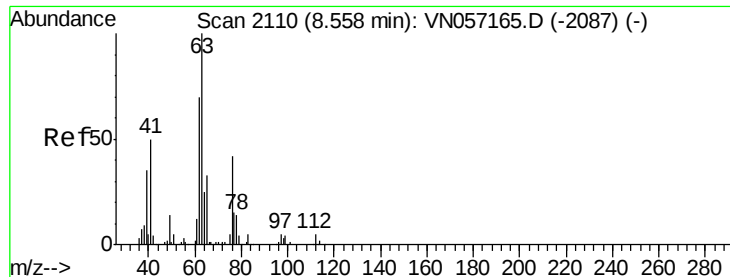
Tgt Ion:130 Resp: 265083
 Ion Ratio Lower Upper
 130 100
 95 93.7 74.6 112.0



#38
 Methylcyclohexane
 Concen: 20.585 ug/l
 RT: 8.52 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: VN057203.D
 Acq: 12 Aug 2019 9:22

Tgt Ion: 83 Resp: 358452
 Ion Ratio Lower Upper
 83 100
 55 73.4 36.5 109.7
 98 46.8 23.4 70.0





#39

1,2-Dichloropropane

Concen: 20.901 ug/l

RT: 8.56 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VN057203.D

Acq: 12 Aug 2019 9:22

Instrument :

MSVOA_N

ClientSampleId :

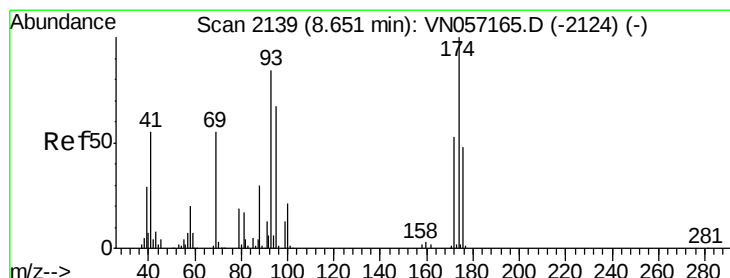
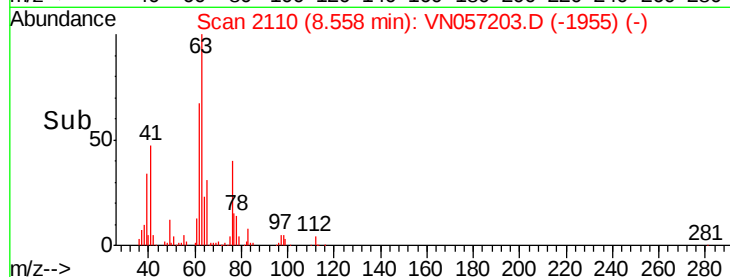
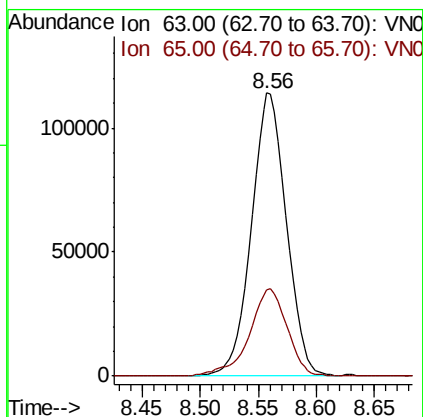
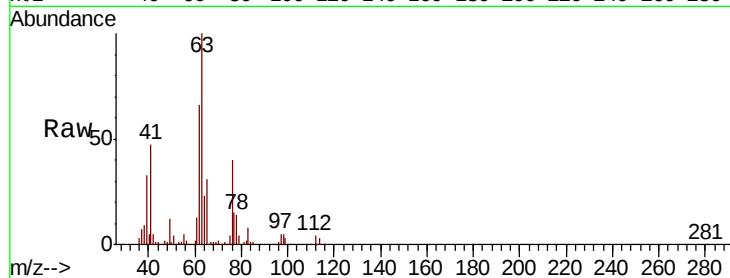
VSTDCCC020

Tgt Ion: 63 Resp: 239975

Ion Ratio Lower Upper

63 100

65 30.6 26.2 39.4



#40

Dibromomethane

Concen: 20.679 ug/l

RT: 8.65 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VN057203.D

Acq: 12 Aug 2019 9:22

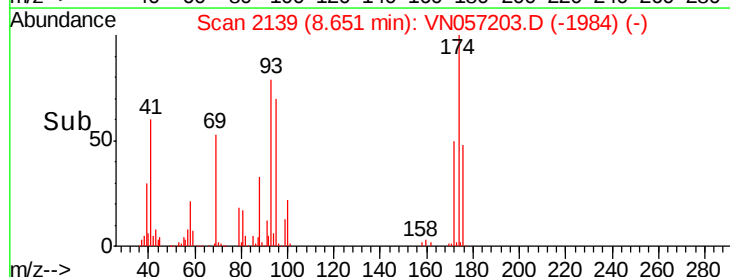
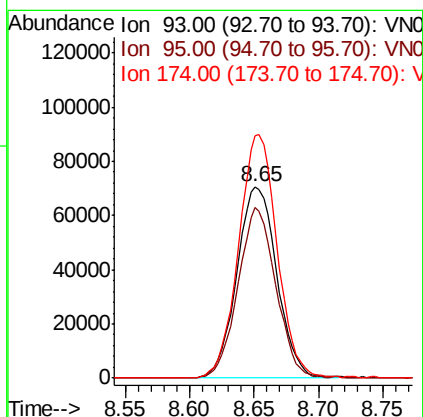
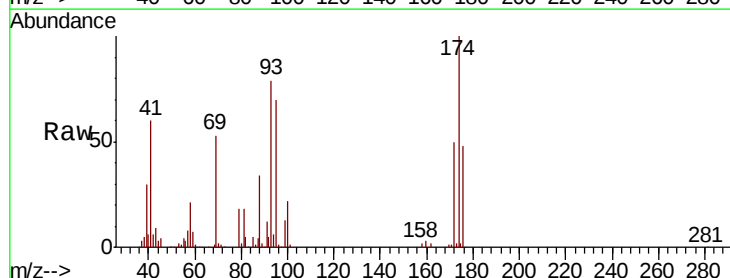
Tgt Ion: 93 Resp: 152851

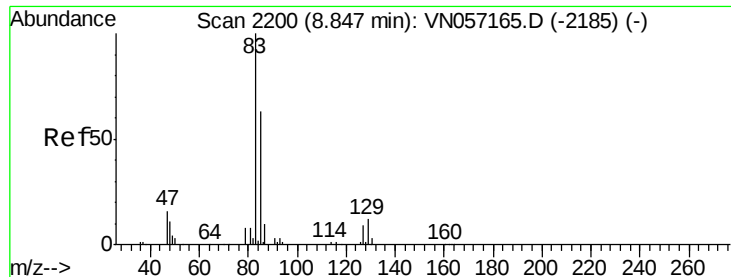
Ion Ratio Lower Upper

93 100

95 83.9 0.0 165.0

174 122.1 0.0 245.4





#41

Bromodichloromethane

Concen: 20.648 ug/l

RT: 8.85 min Scan# 2200

Delta R.T. -0.00 min

Lab File: VN057203.D

Acq: 12 Aug 2019 9:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

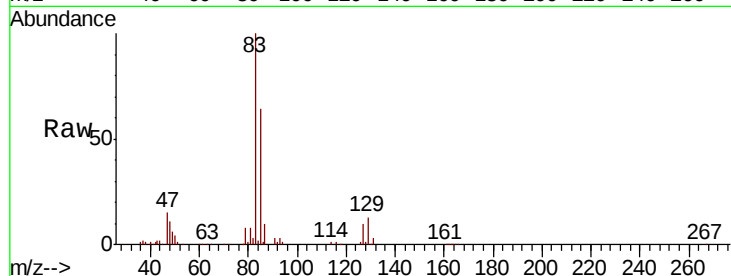
Tgt Ion: 83 Resp: 303467

Ion Ratio Lower Upper

83 100

85 64.0 50.6 76.0

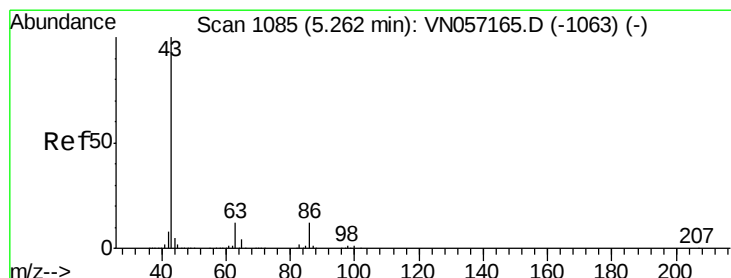
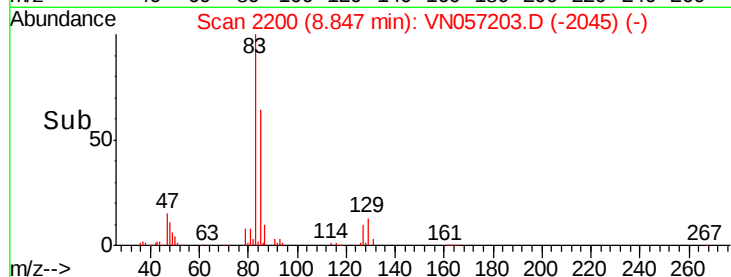
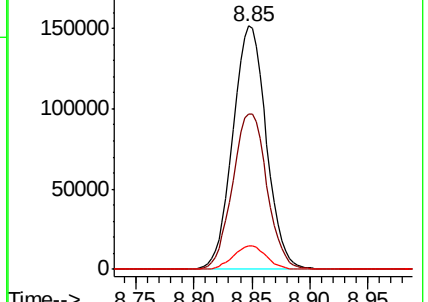
127 9.6 7.0 10.6



Abundance Ion 83.00 (82.70 to 83.70): VN057203.D (-930) (-)

Ion 85.00 (84.70 to 85.70): VN057203.D (-930) (-)

Ion 127.00 (126.70 to 127.70): VN057203.D (-930) (-)



#42

Vinyl Acetate

Concen: 102.972 ug/l

RT: 5.26 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VN057203.D

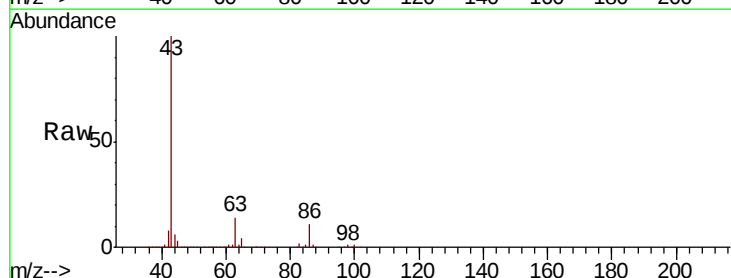
Acq: 12 Aug 2019 9:22

Tgt Ion: 43 Resp: 2459310

Ion Ratio Lower Upper

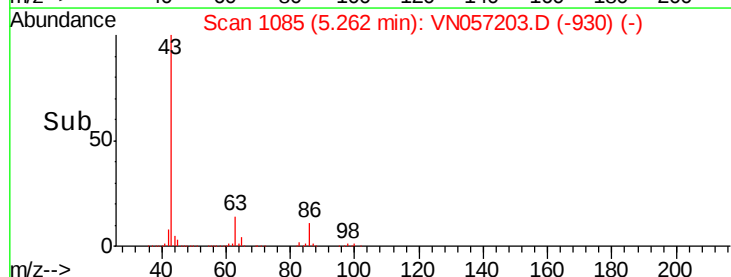
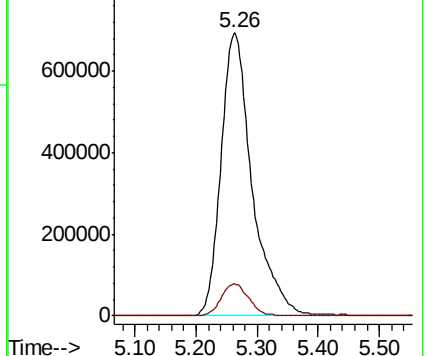
43 100

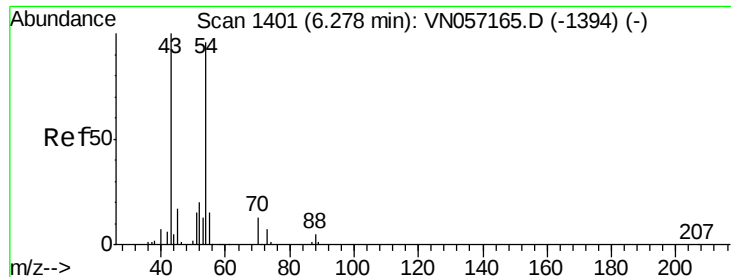
86 10.0 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN057203.D (-930) (-)

Ion 86.00 (85.70 to 86.70): VN057203.D (-930) (-)





#43

Ethyl Acetate

Concen: 20.856 ug/l

RT: 6.28 min Scan# 1403

Delta R.T. 0.01 min

Lab File: VN057203.D

Acq: 12 Aug 2019 9:22

Instrument :

MSVOA_N

ClientSampleId :

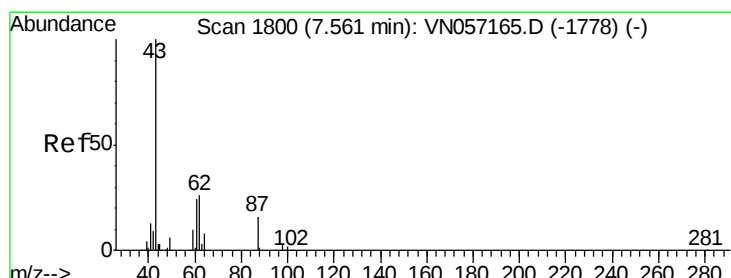
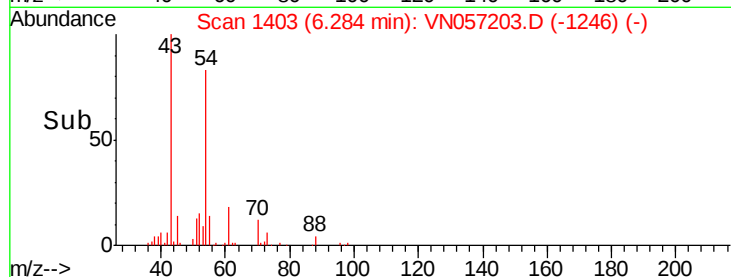
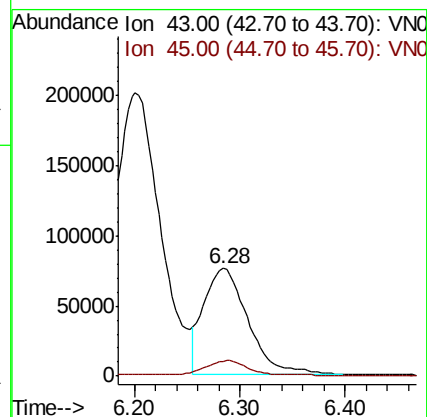
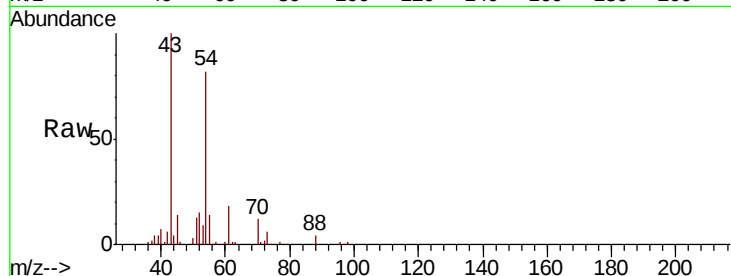
VSTDCCC020

Tgt Ion: 43 Resp: 220976

Ion Ratio Lower Upper

43 100

45 13.4 10.1 15.1



#44

Isopropyl Acetate

Concen: 21.993 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN057203.D

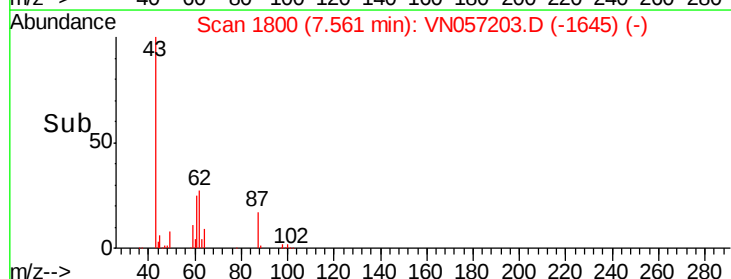
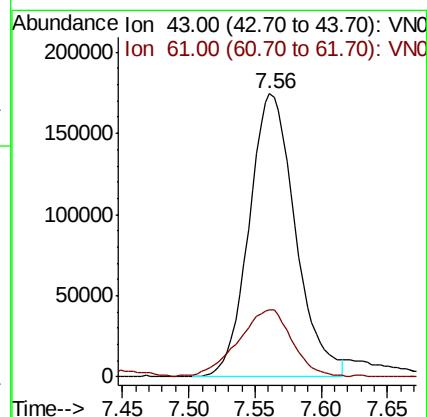
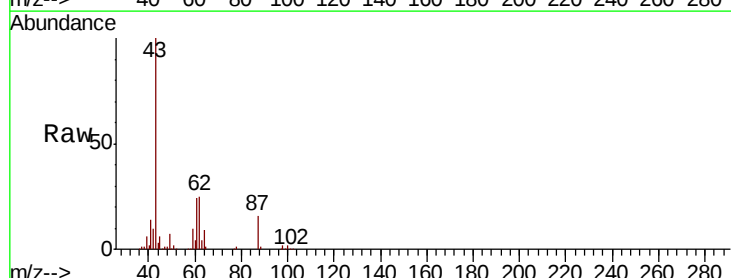
Acq: 12 Aug 2019 9:22

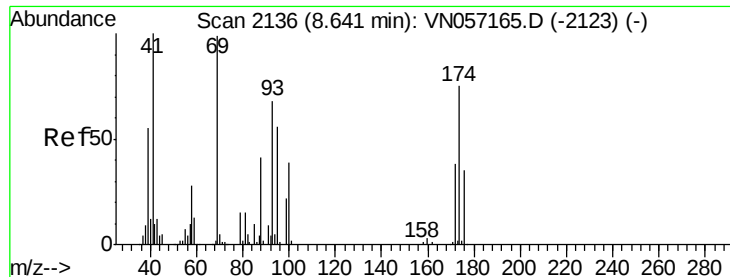
Tgt Ion: 43 Resp: 423106

Ion Ratio Lower Upper

43 100

61 27.2 22.2 33.4

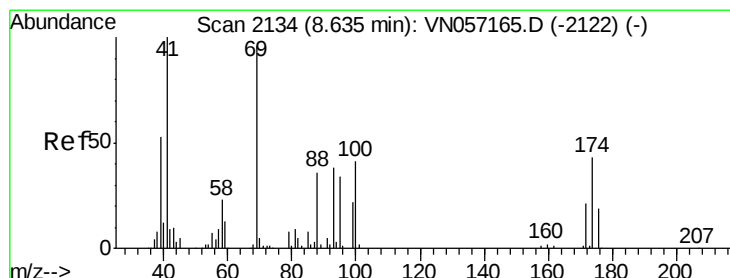
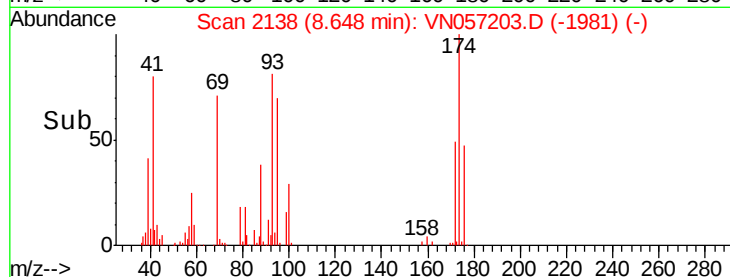
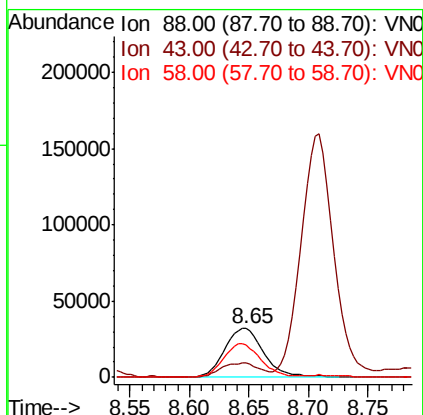
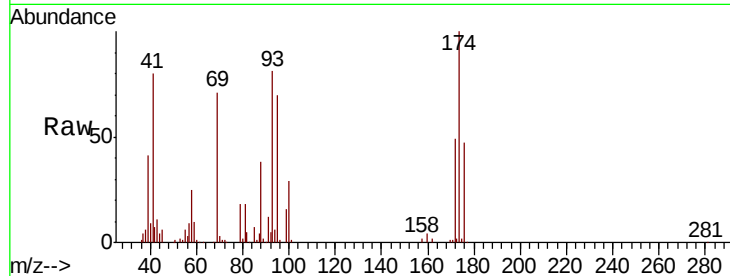




#45
 1,4-Dioxane
 Concen: 411.063 ug/l
 RT: 8.65 min Scan# 2138
 Delta R.T. 0.01 min
 Lab File: VN057203.D
 Acq: 12 Aug 2019 9:22

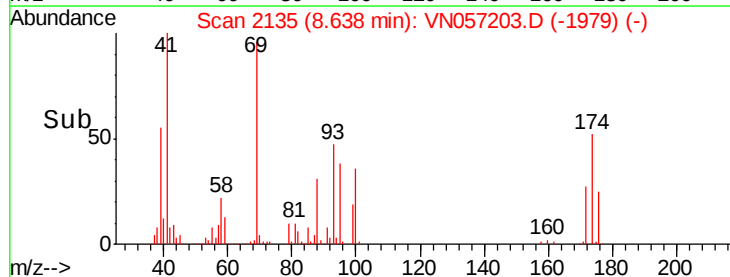
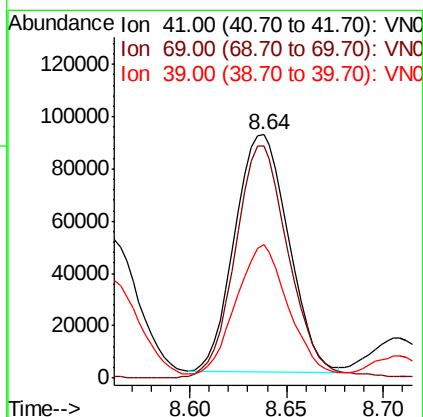
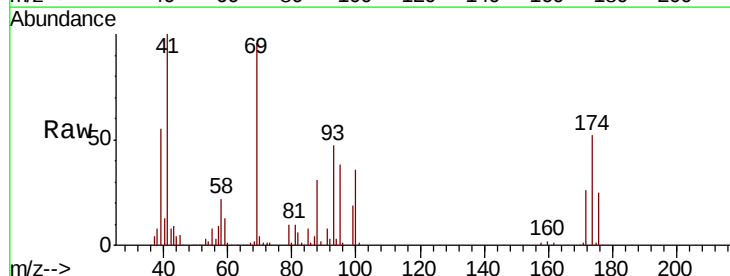
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

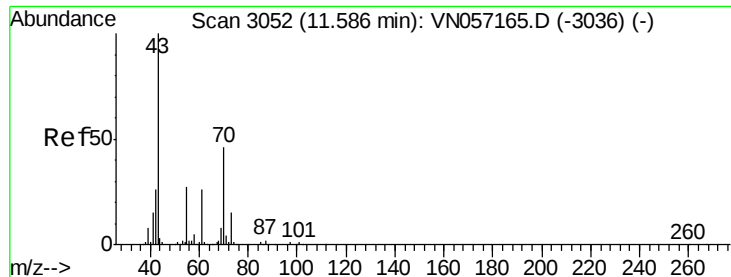
Tgt Ion: 88 Resp: 73797
 Ion Ratio Lower Upper
 88 100
 43 25.1 20.5 30.7
 58 65.6 53.8 80.8



#46
 Methyl methacrylate
 Concen: 20.019 ug/l
 RT: 8.64 min Scan# 2135
 Delta R.T. 0.00 min
 Lab File: VN057203.D
 Acq: 12 Aug 2019 9:22

Tgt Ion: 41 Resp: 175596
 Ion Ratio Lower Upper
 41 100
 69 97.5 48.1 144.4
 39 54.9 26.5 79.5

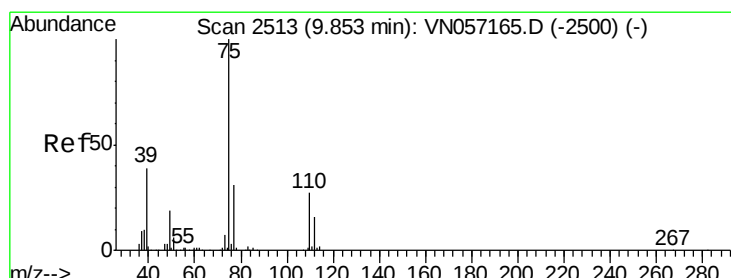
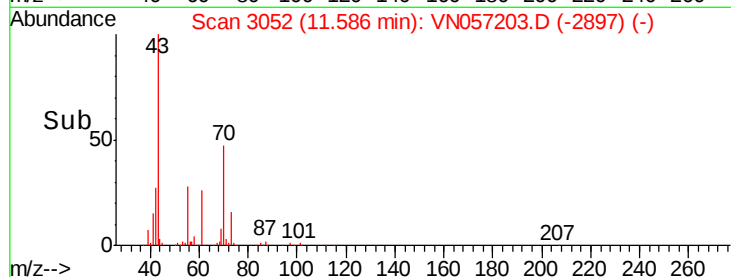
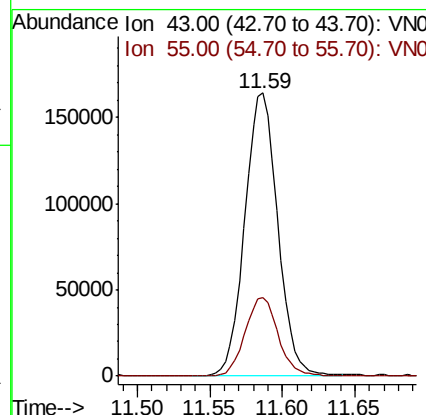
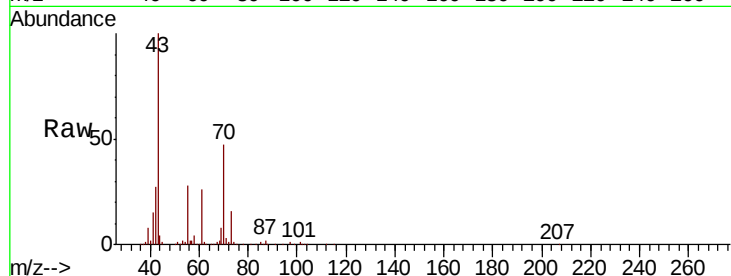




#47
n-amyl Acetate
Concen: 18.321 ug/l
RT: 11.59 min Scan# 3052
Delta R.T. -0.00 min
Lab File: VN057203.D
Acq: 12 Aug 2019 9:22

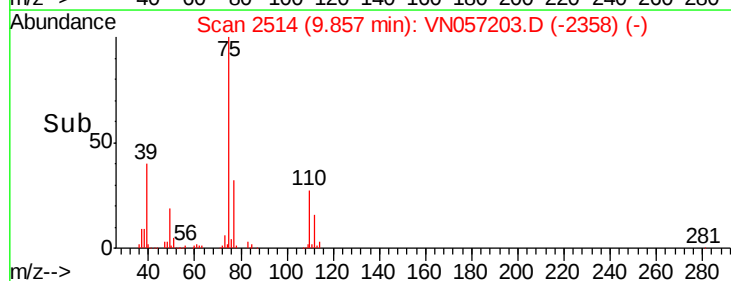
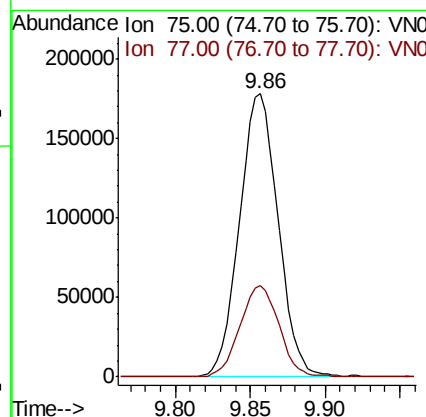
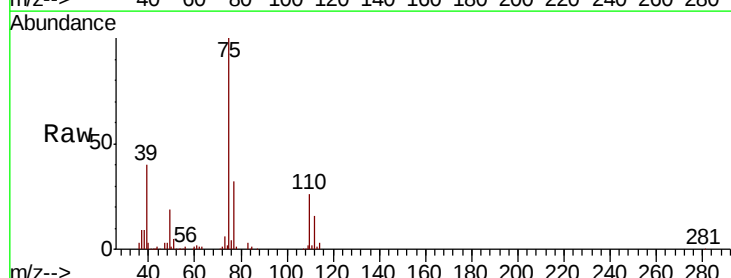
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

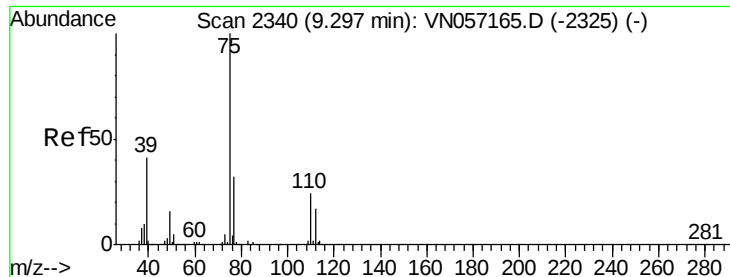
Tgt Ion: 43 Resp: 259307
Ion Ratio Lower Upper
43 100
55 28.0 20.7 31.1



#48
t-1,3-Dichloropropene
Concen: 20.450 ug/l
RT: 9.86 min Scan# 2514
Delta R.T. 0.00 min
Lab File: VN057203.D
Acq: 12 Aug 2019 9:22

Tgt Ion: 75 Resp: 320500
Ion Ratio Lower Upper
75 100
77 32.4 24.9 37.3



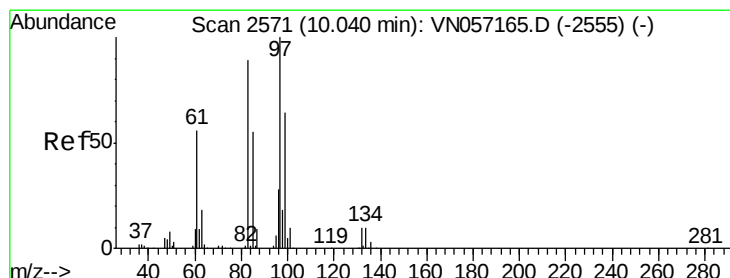
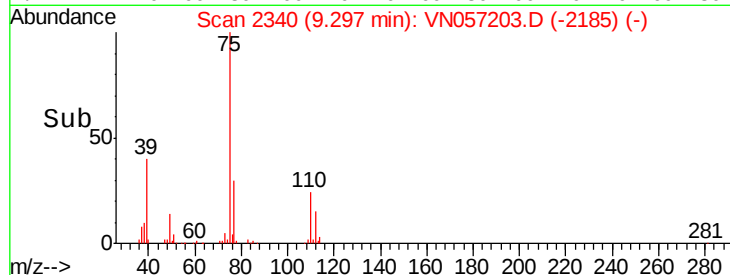
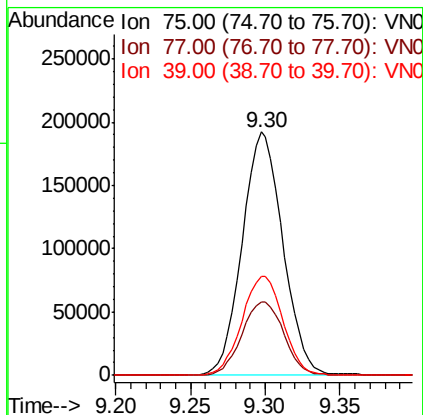
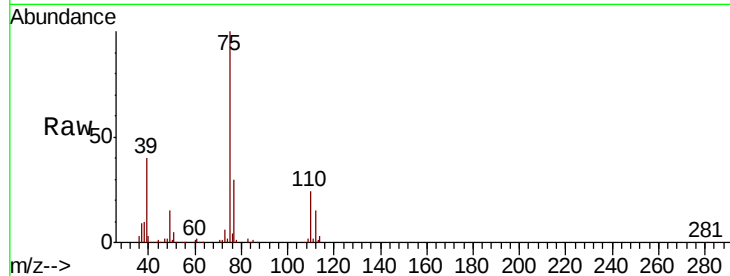


#49

cis-1,3-Dichloropropene
Concen: 20.462 ug/l
RT: 9.30 min Scan# 2340
Delta R.T. -0.00 min
Lab File: VN057203.D
Acq: 12 Aug 2019 9:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

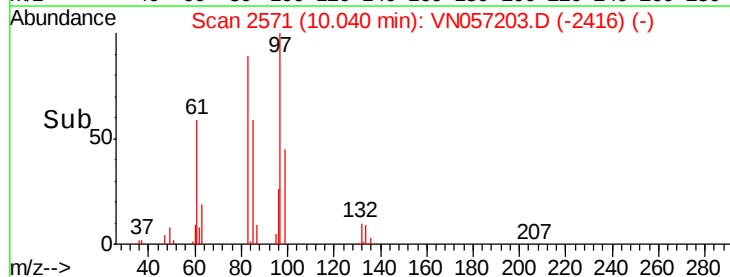
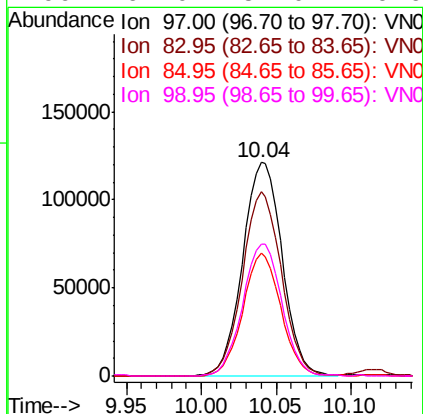
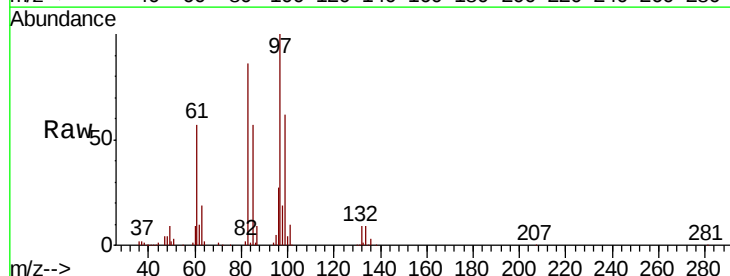
Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.3	25.8	38.8
39	40.5	33.0	49.6

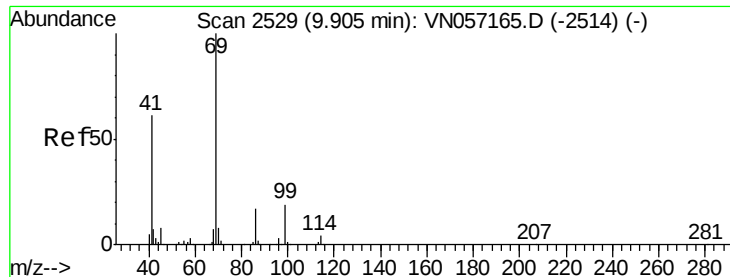


#50

1,1,2-Trichloroethane
Concen: 21.123 ug/l
RT: 10.04 min Scan# 2571
Delta R.T. -0.00 min
Lab File: VN057203.D
Acq: 12 Aug 2019 9:22

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.3	71.4	107.0
85	57.5	43.8	65.8
99	62.0	51.0	76.6





#51

Ethyl methacrylate

Concen: 19.780 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. -0.00 min

Lab File: VN057203.D

Acq: 12 Aug 2019 9:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

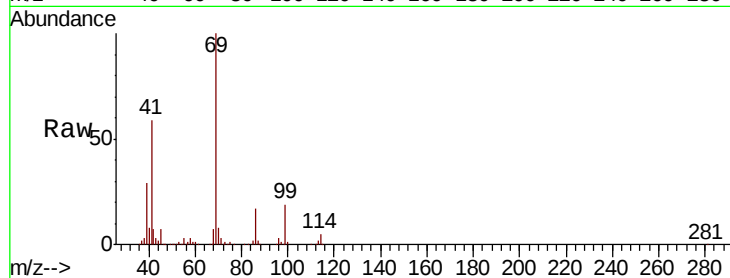
Tgt Ion: 69 Resp: 294888

Ion Ratio Lower Upper

69 100

41 59.1 30.4 91.2

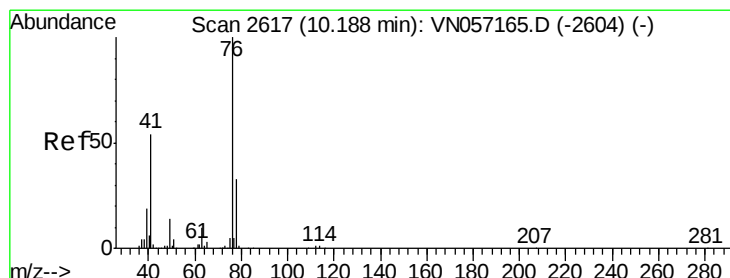
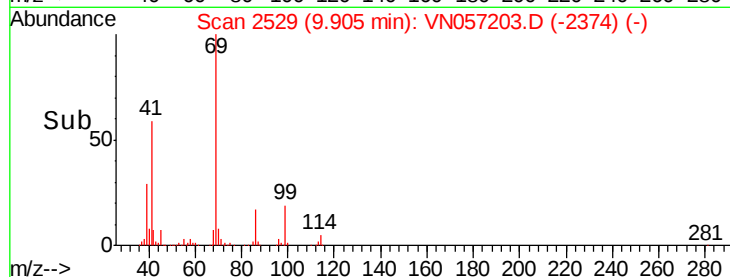
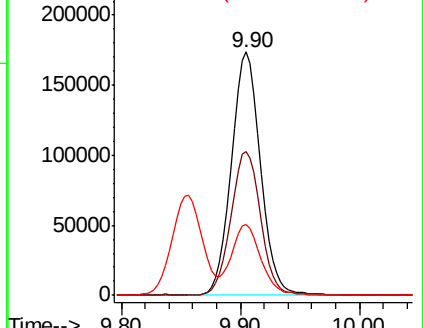
39 29.0 14.8 44.4



Abundance Ion 69.00 (68.70 to 69.70): VN057165.D (-2514) (-)

Ion 41.00 (40.70 to 41.70): VN057165.D (-2514) (-)

Ion 39.00 (38.70 to 39.70): VN057165.D (-2514) (-)



#52

1,3-Dichloropropane

Concen: 20.666 ug/l

RT: 10.19 min Scan# 2618

Delta R.T. 0.00 min

Lab File: VN057203.D

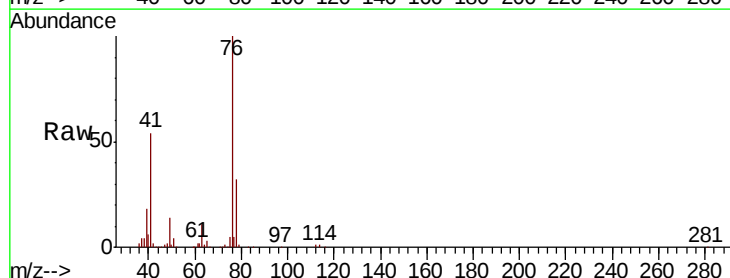
Acq: 12 Aug 2019 9:22

Tgt Ion: 76 Resp: 363903

Ion Ratio Lower Upper

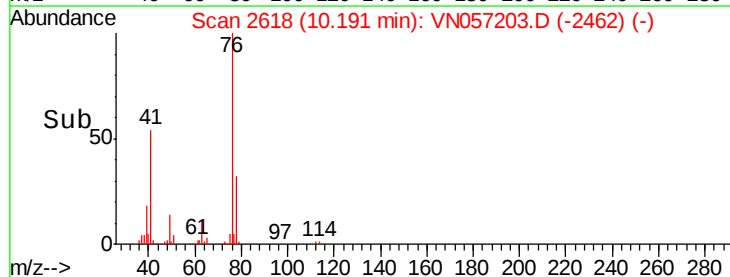
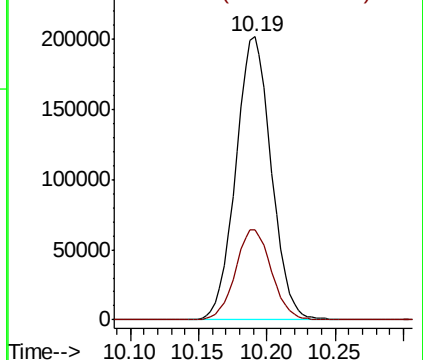
76 100

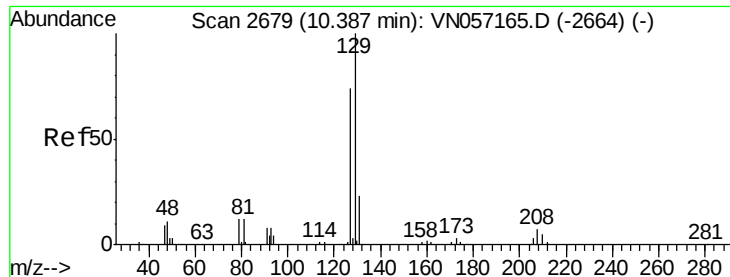
78 32.4 0.0 65.0



Abundance Ion 76.00 (75.70 to 76.70): VN057165.D (-2604) (-)

Ion 78.00 (77.70 to 78.70): VN057165.D (-2604) (-)





#53

Dibromochloromethane

Concen: 20.786 ug/l

RT: 10.39 min Scan# 2680

Delta R.T. 0.00 min

Lab File: VN057203.D

Acq: 12 Aug 2019 9:22

Instrument :

MSVOA_N

ClientSampleId :

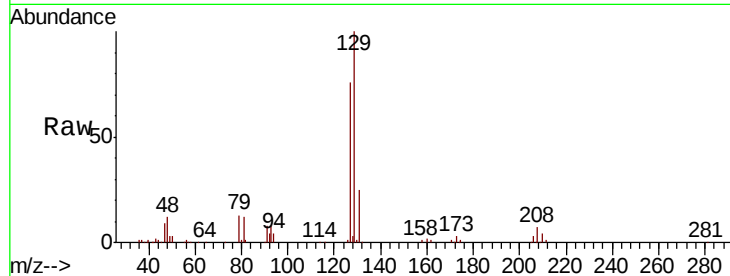
VSTDCCC020

Tgt Ion:129 Resp: 247440

Ion Ratio Lower Upper

129 100

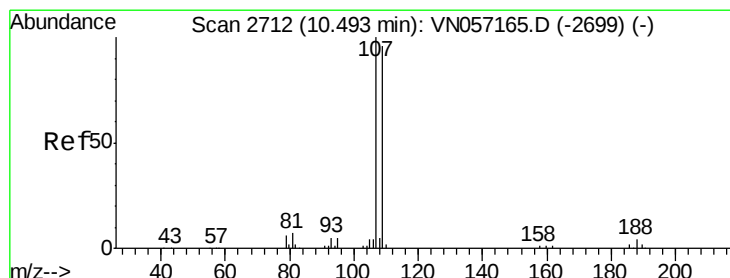
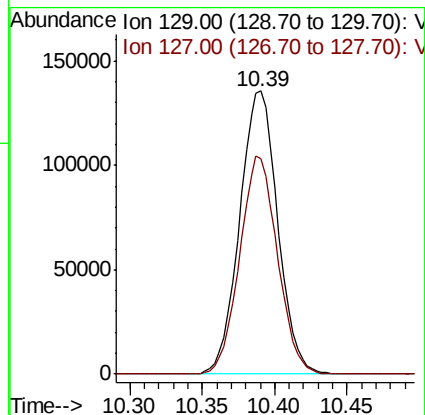
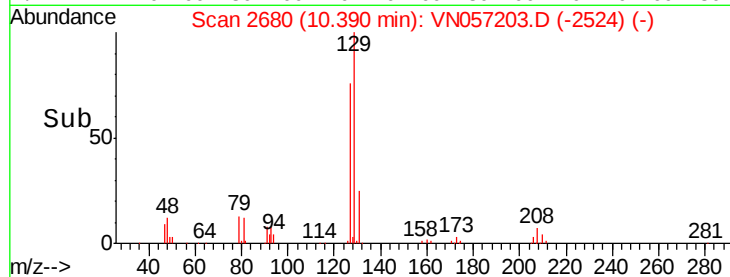
127 76.3 38.2 114.6



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.39



#54

1,2-Dibromoethane

Concen: 20.453 ug/l

RT: 10.50 min Scan# 2713

Delta R.T. 0.00 min

Lab File: VN057203.D

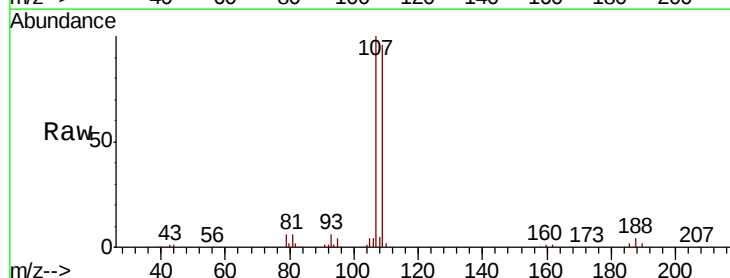
Acq: 12 Aug 2019 9:22

Tgt Ion:107 Resp: 225546

Ion Ratio Lower Upper

107 100

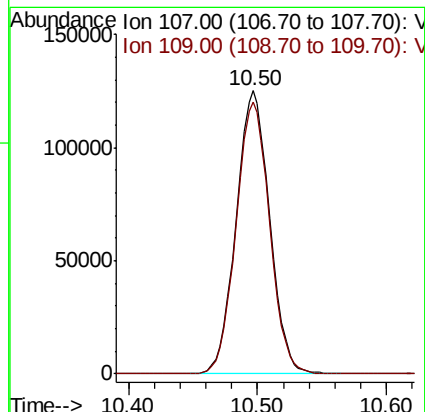
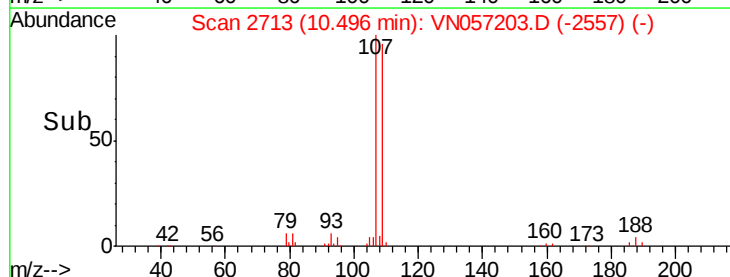
109 96.1 76.8 115.2

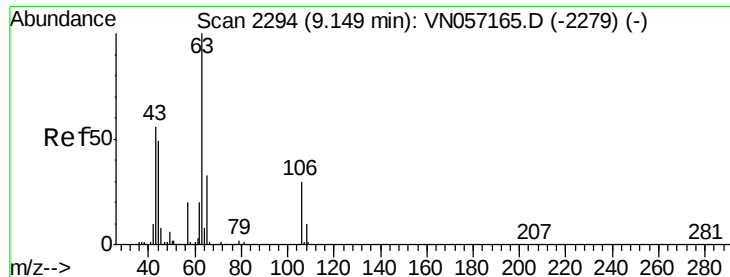


Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

10.50

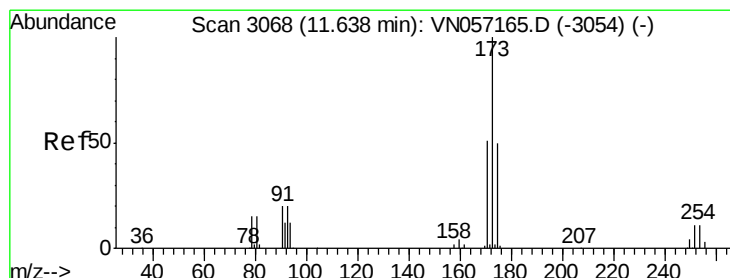
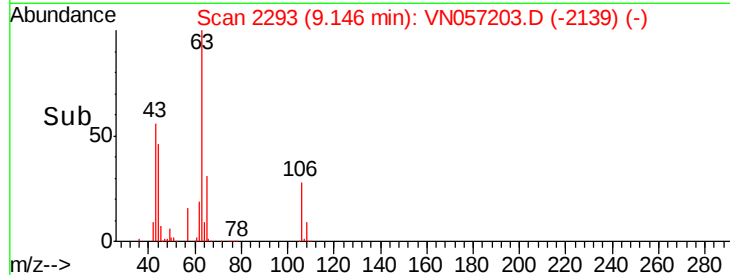
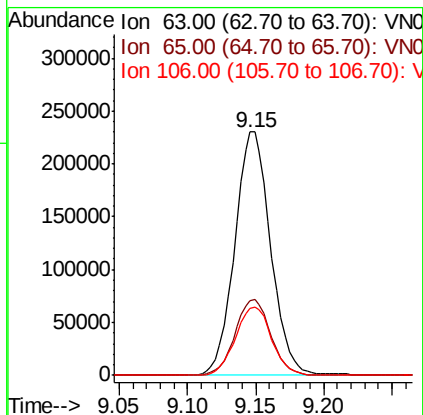
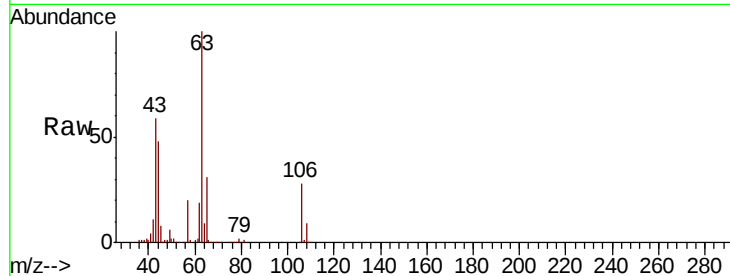




#55
 2-Chloroethyl vinyl ether
 Concen: 99.611 ug/l
 RT: 9.15 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: VN057203.D
 Acq: 12 Aug 2019 9:22

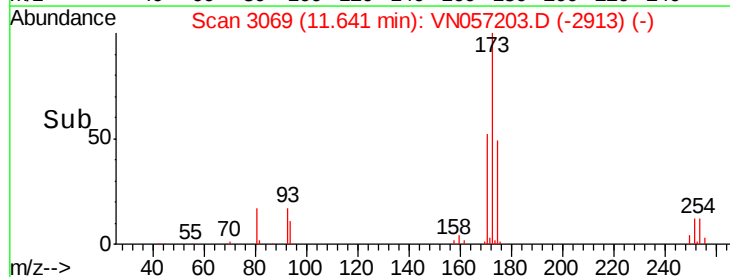
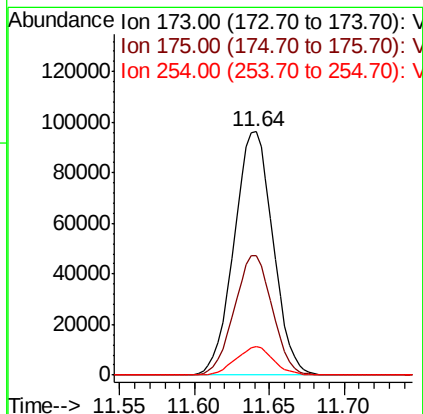
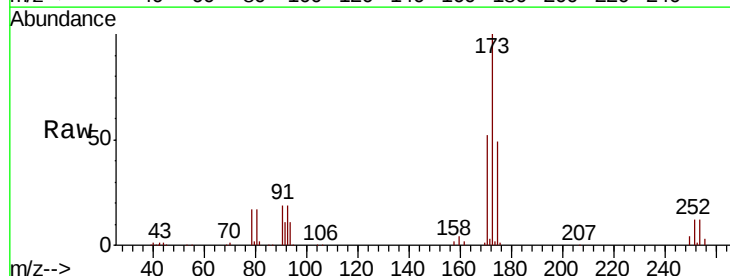
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

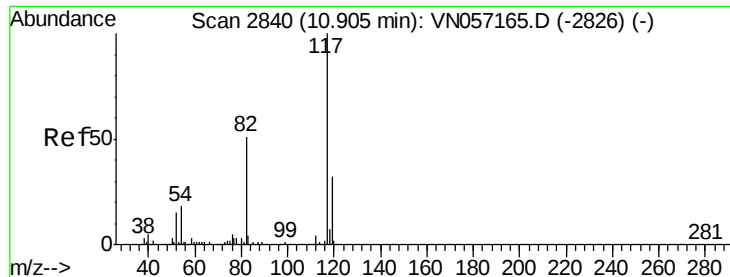
Tgt Ion: 63 Resp: 419310
 Ion Ratio Lower Upper
 63 100
 65 31.0 26.0 39.0
 106 28.4 23.3 34.9



#56
 Bromoform
 Concen: 19.805 ug/l
 RT: 11.64 min Scan# 3069
 Delta R.T. 0.00 min
 Lab File: VN057203.D
 Acq: 12 Aug 2019 9:22

Tgt Ion: 173 Resp: 174216
 Ion Ratio Lower Upper
 173 100
 175 48.0 39.0 58.4
 254 11.1 8.6 13.0

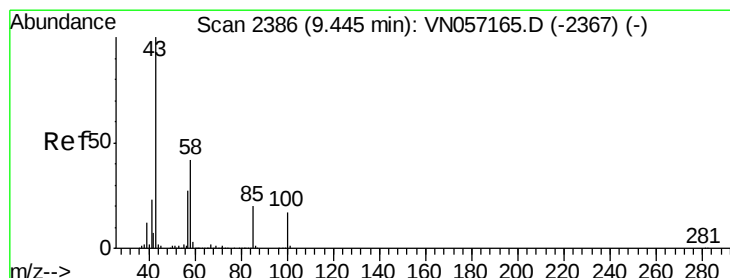
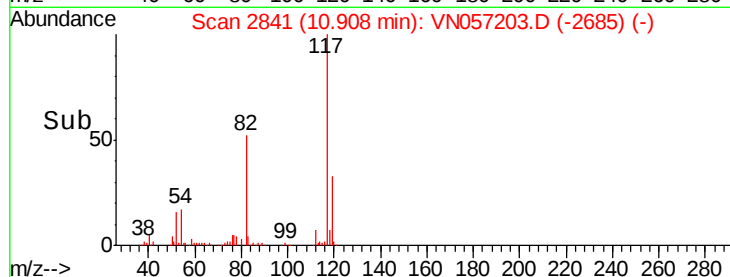
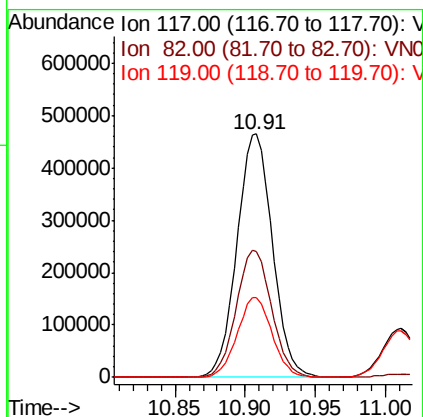
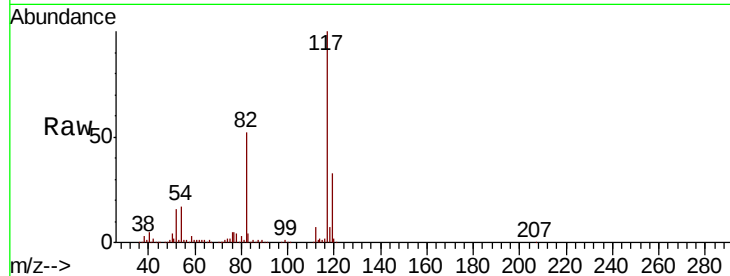




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.91 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN057203.D
Acq: 12 Aug 2019 9:22

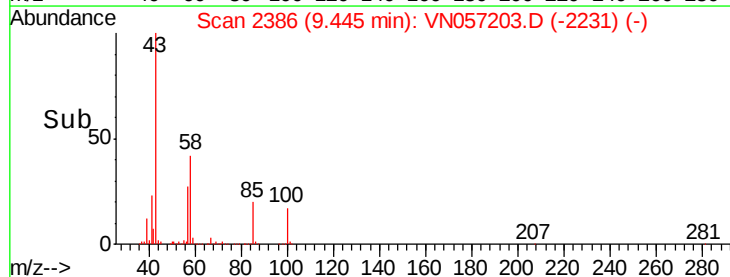
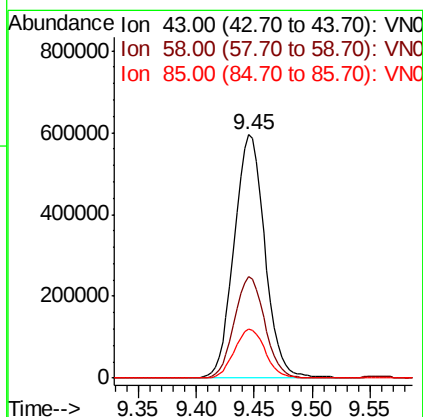
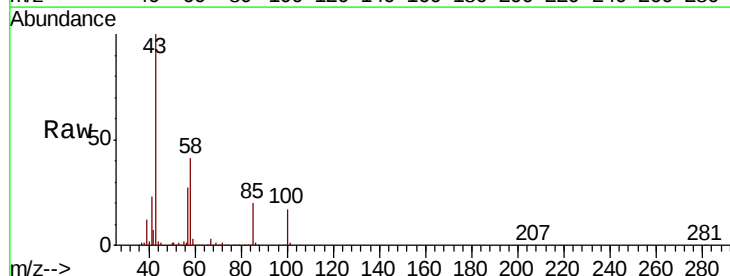
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

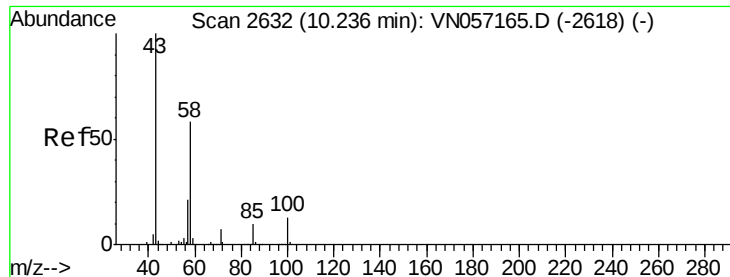
Tgt Ion: 117 Resp: 820881
Ion Ratio Lower Upper
117 100
82 52.0 41.5 62.3
119 32.2 26.1 39.1



#58
4-Methyl-2-Pentanone
Concen: 103.406 ug/l
RT: 9.45 min Scan# 2386
Delta R.T. -0.00 min
Lab File: VN057203.D
Acq: 12 Aug 2019 9:22

Tgt Ion: 43 Resp: 1090461
Ion Ratio Lower Upper
43 100
58 41.3 32.8 49.2
85 20.3 16.4 24.6

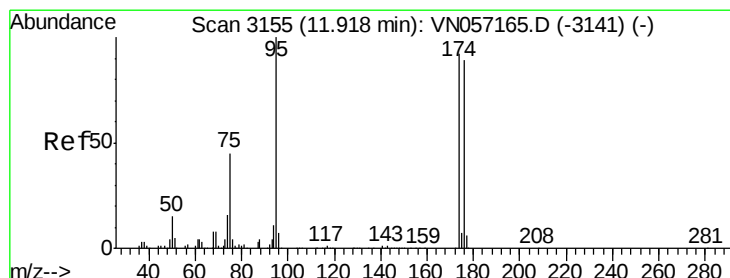
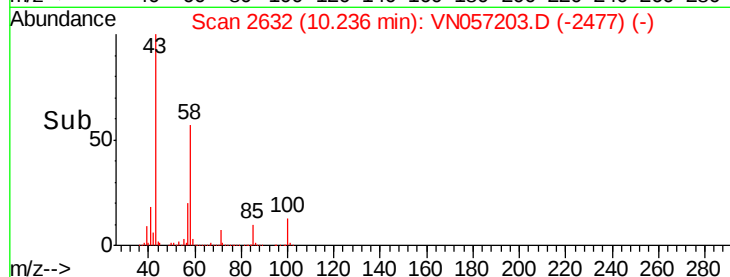
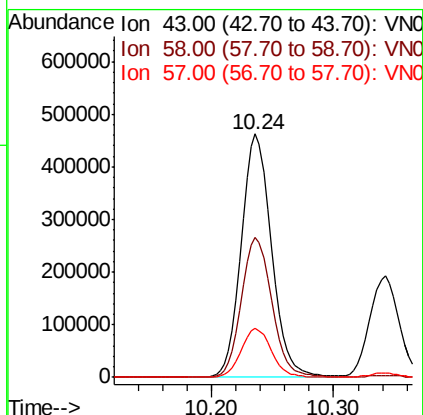
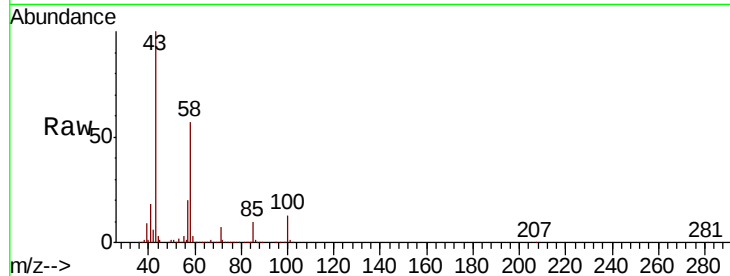




#59
2-Hexanone
Concen: 103.800 ug/l
RT: 10.24 min Scan# 2632
Delta R.T. -0.00 min
Lab File: VN057203.D
Acq: 12 Aug 2019 9:22

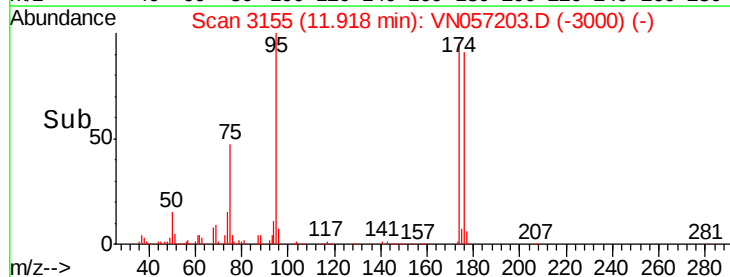
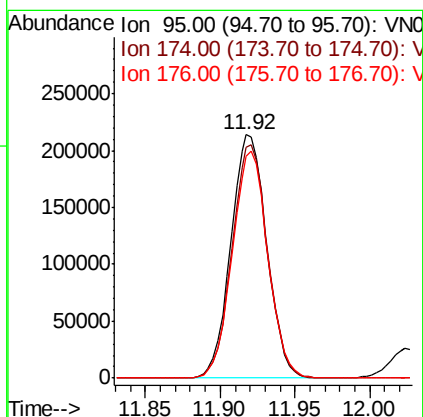
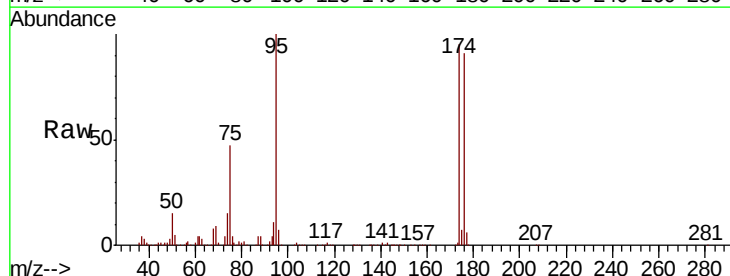
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

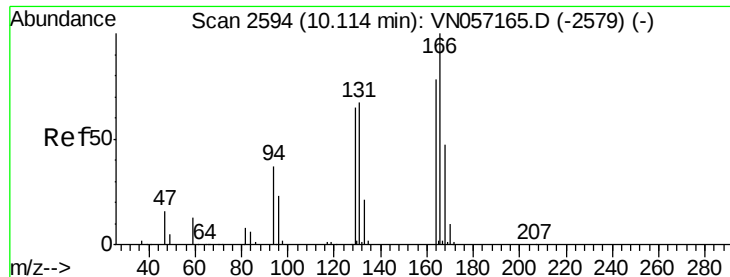
Tgt Ion: 43 Resp: 786961
Ion Ratio Lower Upper
43 100
58 58.2 45.4 68.2
57 20.2 16.1 24.1



#60
4-Bromofluorobenzene
Concen: 29.155 ug/l
RT: 11.92 min Scan# 3155
Delta R.T. -0.00 min
Lab File: VN057203.D
Acq: 12 Aug 2019 9:22

Tgt Ion: 95 Resp: 356366
Ion Ratio Lower Upper
95 100
174 95.3 74.9 112.3
176 92.6 72.1 108.1





#61

Tetrachloroethene

Concen: 22.040 ug/l

RT: 10.11 min Scan# 2594

Delta R.T. -0.00 min

Lab File: VN057203.D

Acq: 12 Aug 2019 9:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:164 Resp: 277689

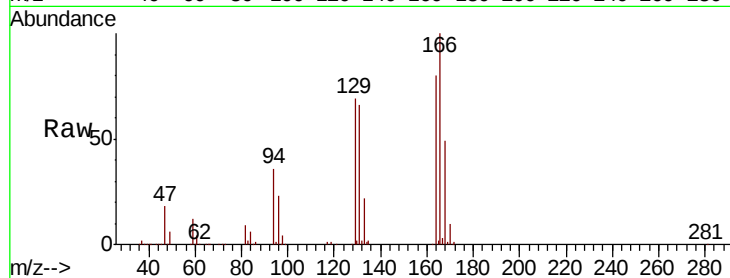
Ion Ratio Lower Upper

164 100

166 124.9 103.0 154.6

129 85.6 67.3 100.9

131 81.9 68.5 102.7

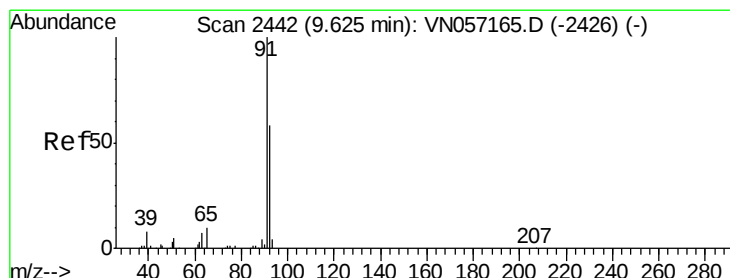
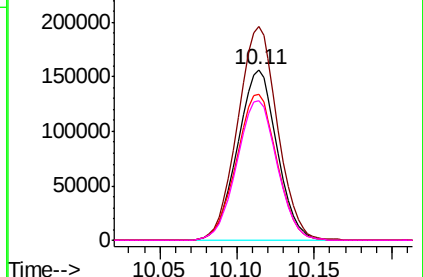
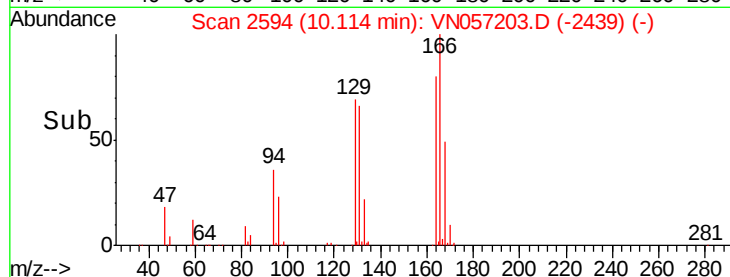


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 21.089 ug/l

RT: 9.63 min Scan# 2442

Delta R.T. -0.00 min

Lab File: VN057203.D

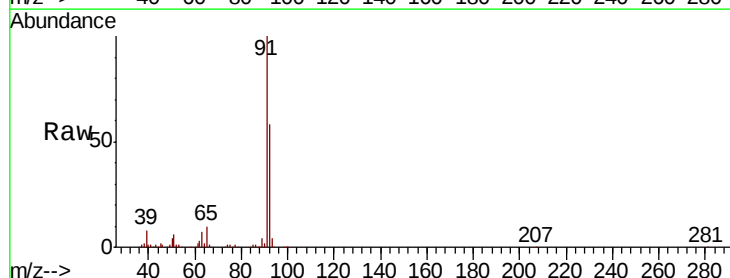
Acq: 12 Aug 2019 9:22

Tgt Ion: 91 Resp: 985378

Ion Ratio Lower Upper

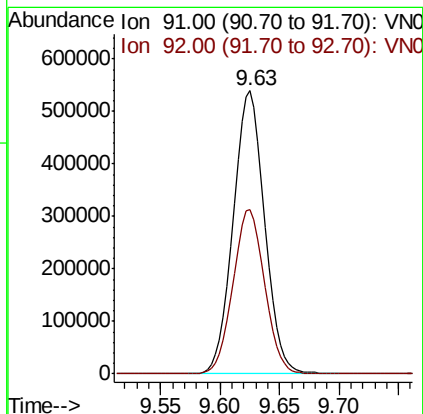
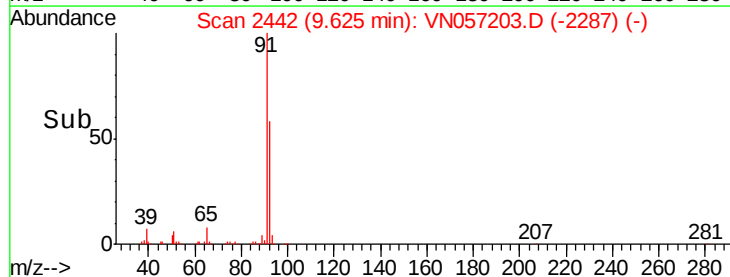
91 100

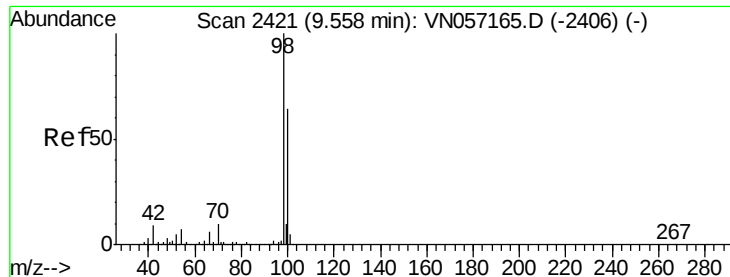
92 58.6 46.1 69.1



Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 92.00 (91.70 to 92.70): VNO

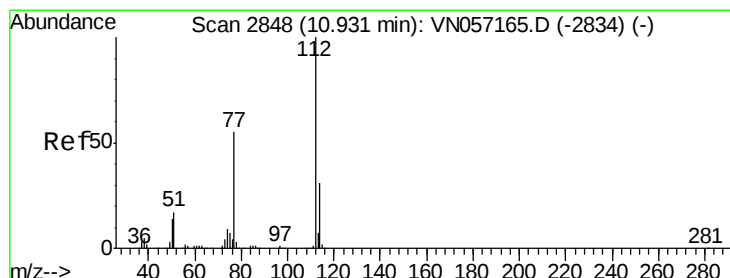
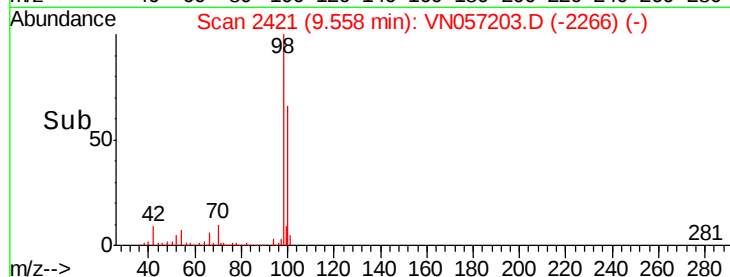
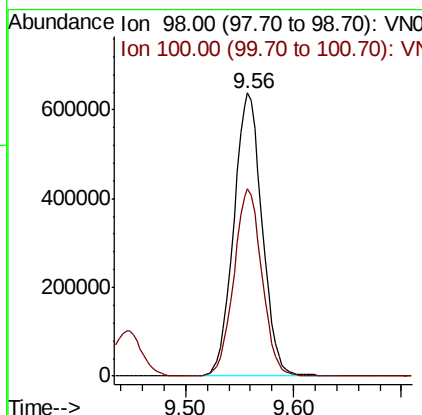
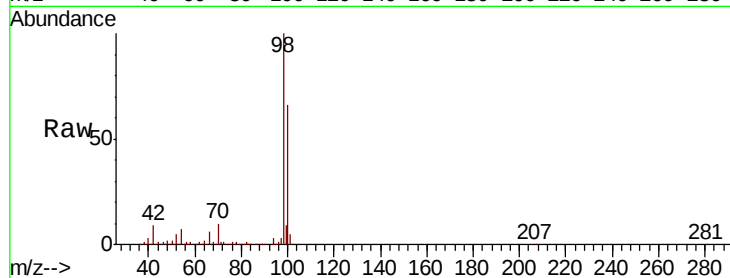




#63
Toluene-d8
Concen: 30.842 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057203.D
Acq: 12 Aug 2019 9:22

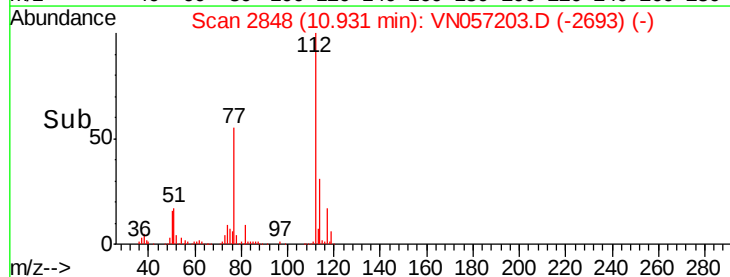
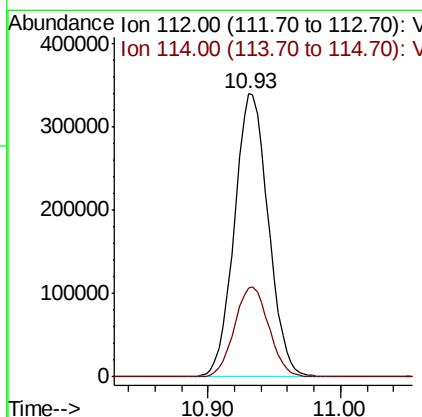
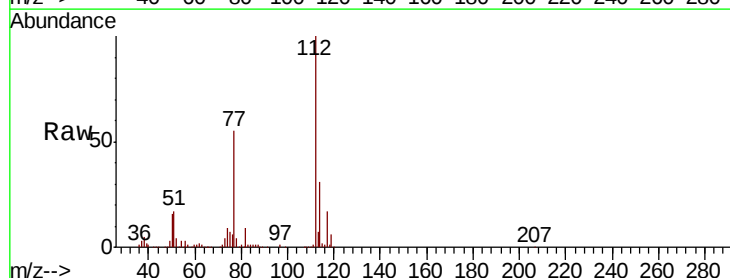
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

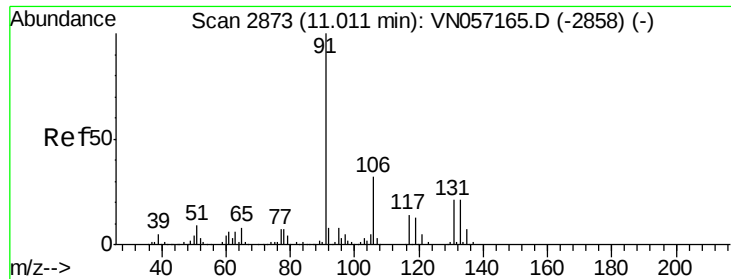
Tgt Ion: 98 Resp: 1168737
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#64
Chlorobenzene
Concen: 20.975 ug/l
RT: 10.93 min Scan# 2848
Delta R.T. -0.00 min
Lab File: VN057203.D
Acq: 12 Aug 2019 9:22

Tgt Ion: 112 Resp: 602785
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.6





#65

1,1,1,2-Tetrachloroethane

Concen: 22.060 ug/l

RT: 11.01 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN057203.D

Acq: 12 Aug 2019 9:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

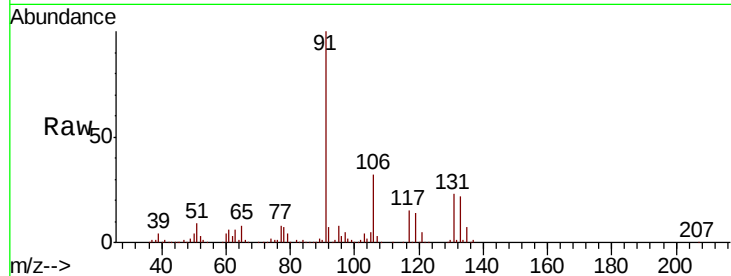
Tgt Ion: 131 Resp: 243111

Ion Ratio Lower Upper

131 100

133 94.0 0.0 196.0

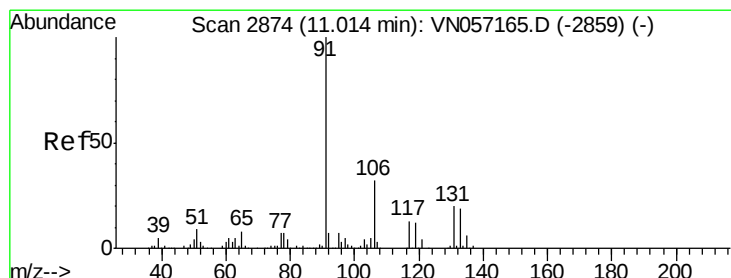
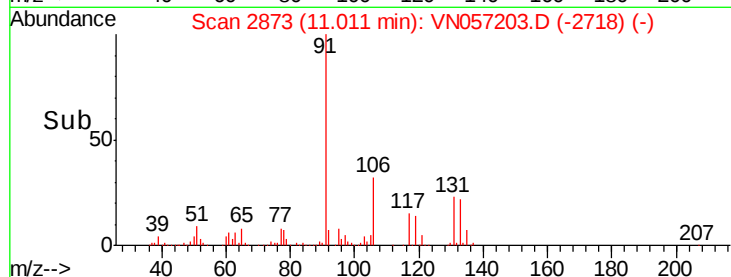
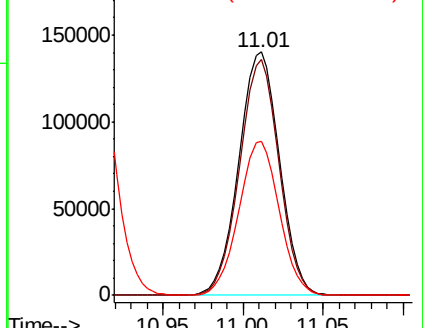
119 62.8 0.0 132.6



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 21.012 ug/l

RT: 11.01 min Scan# 2874

Delta R.T. -0.00 min

Lab File: VN057203.D

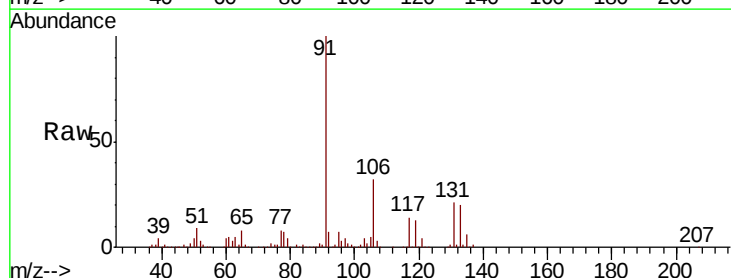
Acq: 12 Aug 2019 9:22

Tgt Ion: 91 Resp: 1052391

Ion Ratio Lower Upper

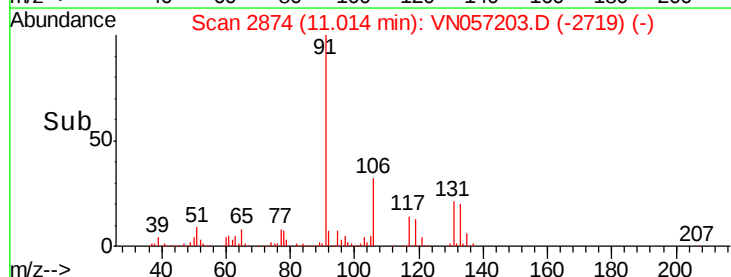
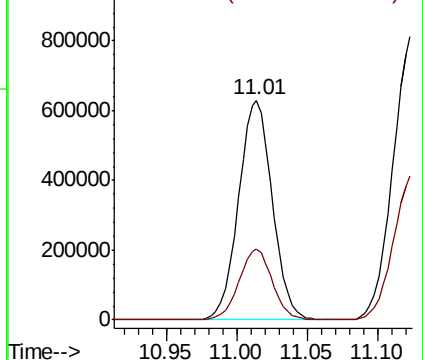
91 100

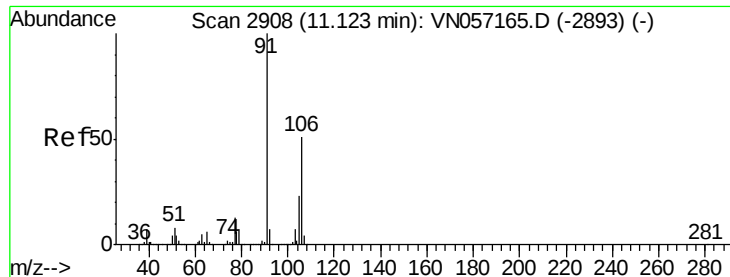
106 32.4 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 42.466 ug/l

RT: 11.13 min Scan# 2909

Delta R.T. 0.00 min

Lab File: VN057203.D

Acq: 12 Aug 2019 9:22

Instrument :

MSVOA_N

ClientSampleId :

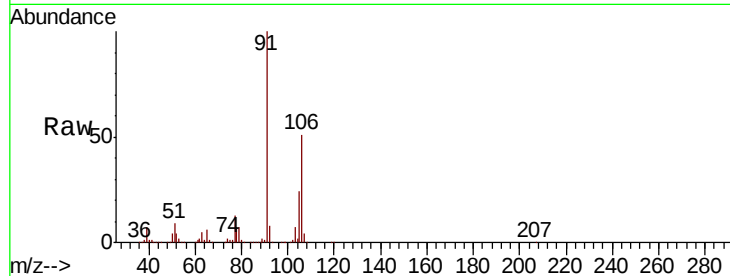
VSTDCCC020

Tgt Ion:106 Resp: 802092

Ion Ratio Lower Upper

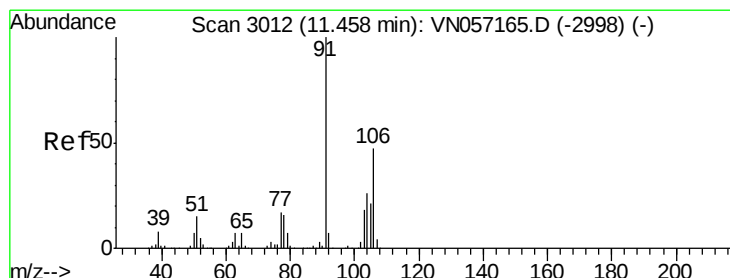
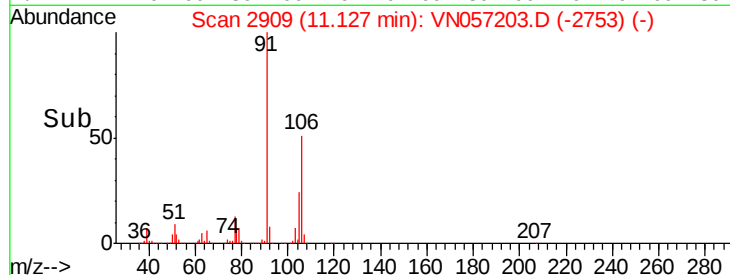
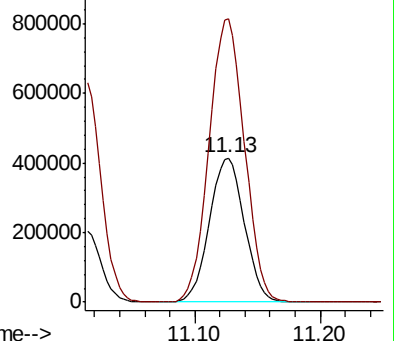
106 100

91 198.4 160.5 240.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#68

o-Xylene

Concen: 21.390 ug/l

RT: 11.46 min Scan# 3012

Delta R.T. -0.00 min

Lab File: VN057203.D

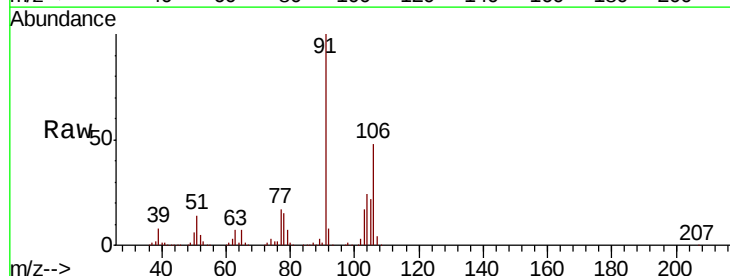
Acq: 12 Aug 2019 9:22

Tgt Ion:106 Resp: 392249

Ion Ratio Lower Upper

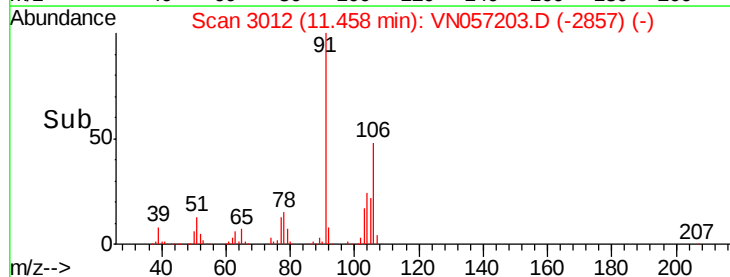
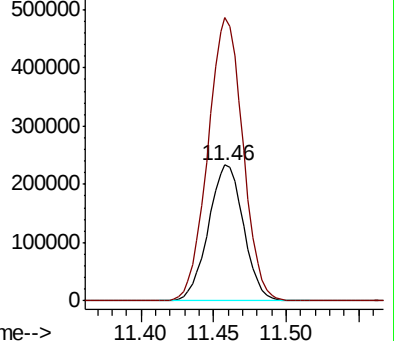
106 100

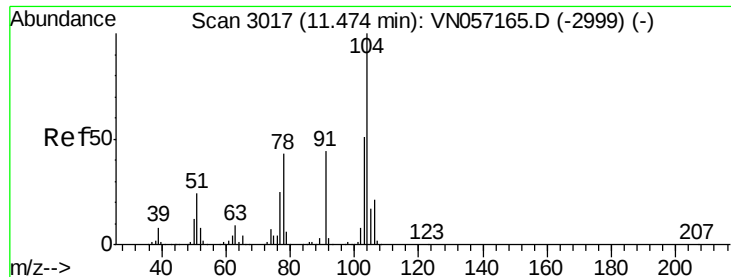
91 207.6 105.3 315.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





#69

Styrene

Concen: 20.691 ug/l

RT: 11.47 min Scan# 3017

Delta R.T. -0.00 min

Lab File: VN057203.D

Acq: 12 Aug 2019 9:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

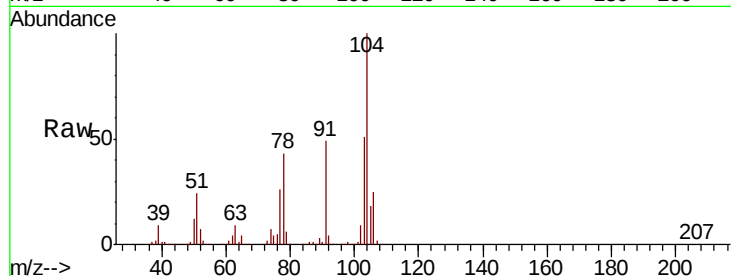
Tgt Ion:104 Resp: 608427

Ion Ratio Lower Upper

104 100

78 48.4 38.7 58.1

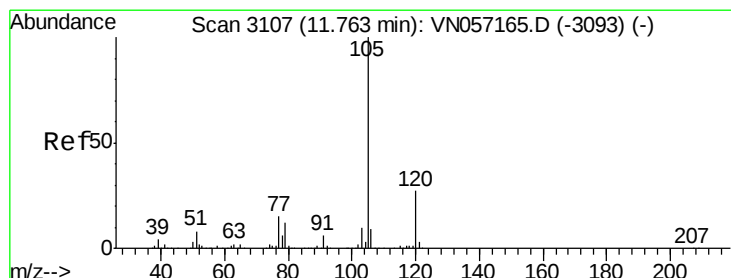
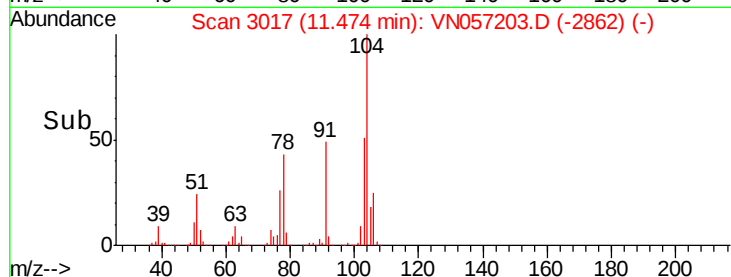
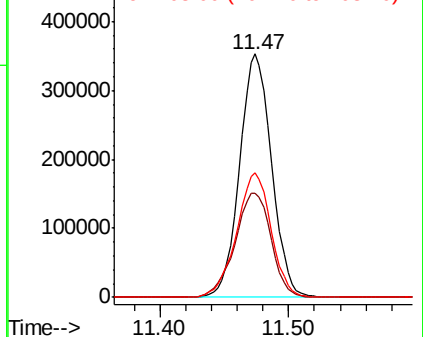
103 55.2 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 21.165 ug/l

RT: 11.77 min Scan# 3108

Delta R.T. 0.00 min

Lab File: VN057203.D

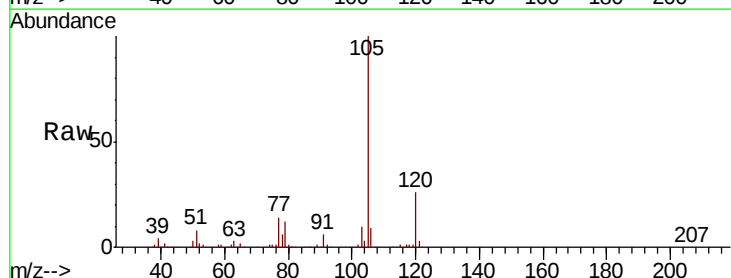
Acq: 12 Aug 2019 9:22

Tgt Ion:105 Resp: 1044939

Ion Ratio Lower Upper

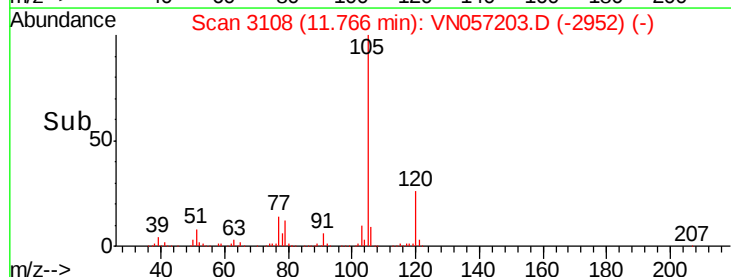
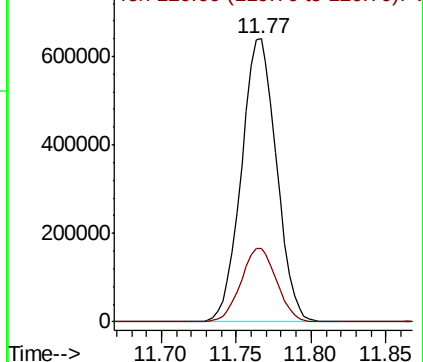
105 100

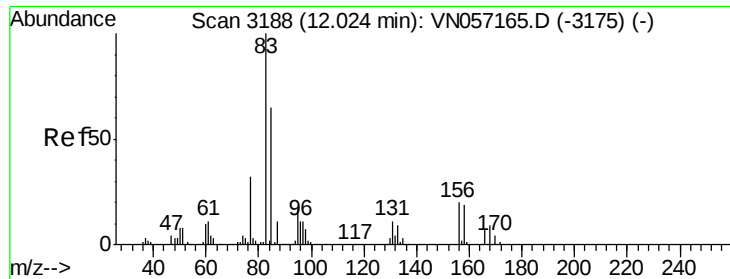
120 26.3 19.1 35.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

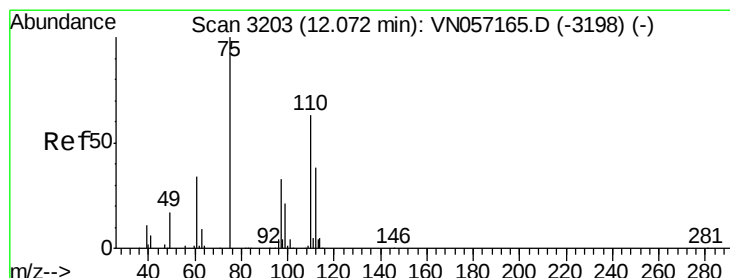
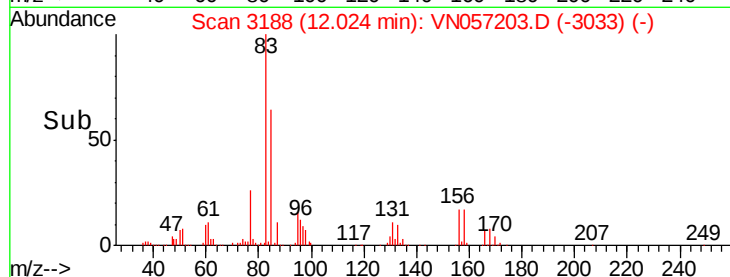
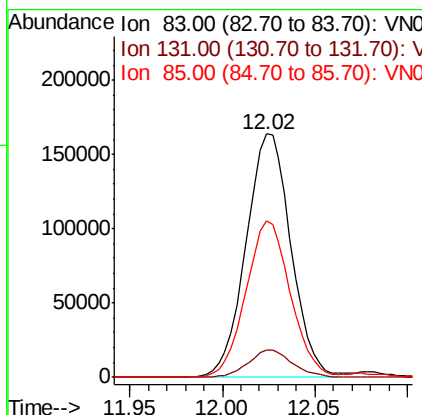
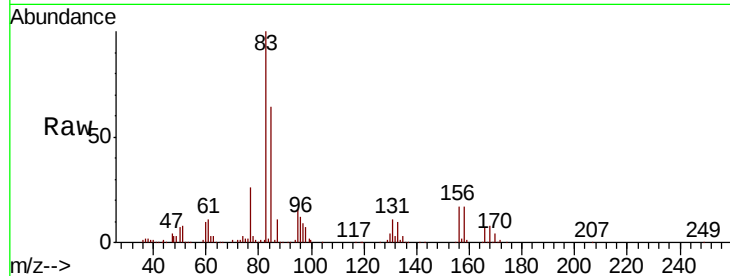




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.475 ug/l
 RT: 12.02 min Scan# 3188
 Delta R.T. -0.00 min
 Lab File: VN057203.D
 Acq: 12 Aug 2019 9:22

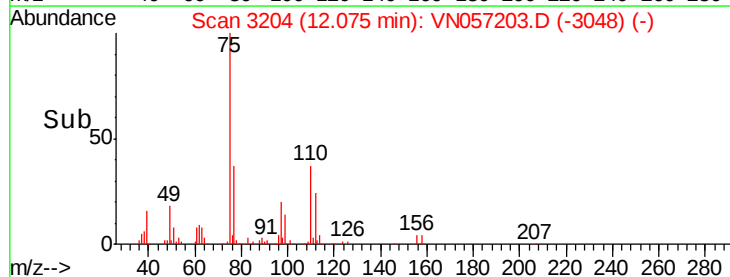
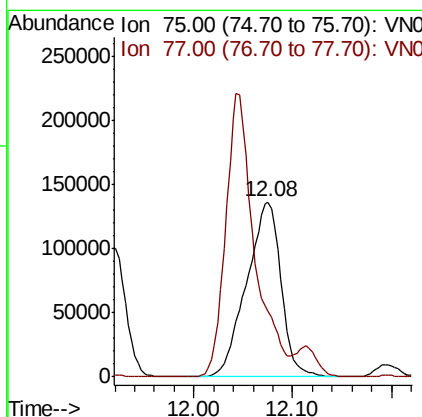
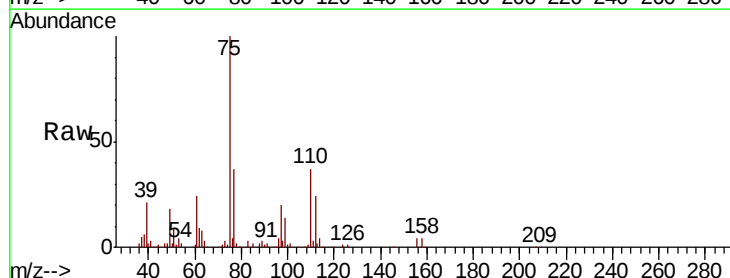
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

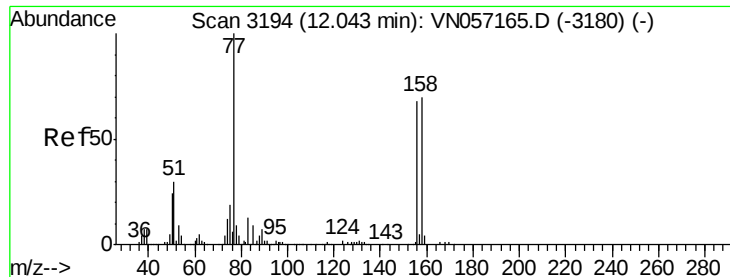
Tgt Ion: 83 Resp: 276860
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.5 16.5
 85 63.8 32.6 98.0



#72
 1,2,3-Trichloropropane
 Concen: 27.755 ug/l
 RT: 12.08 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VN057203.D
 Acq: 12 Aug 2019 9:22

Tgt Ion: 75 Resp: 328470
 Ion Ratio Lower Upper
 75 100
 77 138.4 0.0 379.4





#73

Bromobenzene

Concen: 20.673 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN057203.D

Acq: 12 Aug 2019 9:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

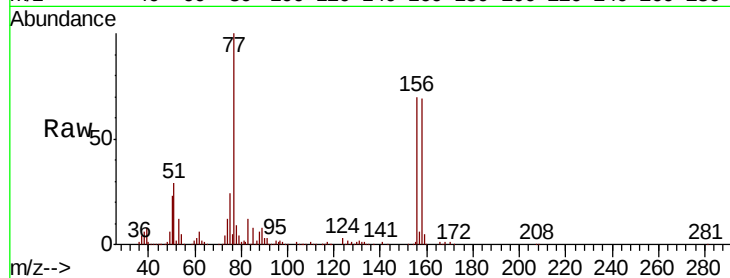
Tgt Ion:156 Resp: 264656

Ion Ratio Lower Upper

156 100

77 171.8 0.0 361.6

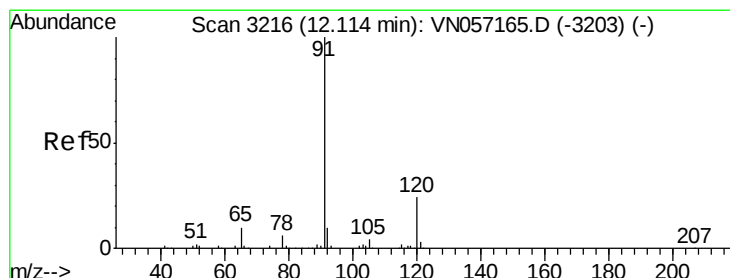
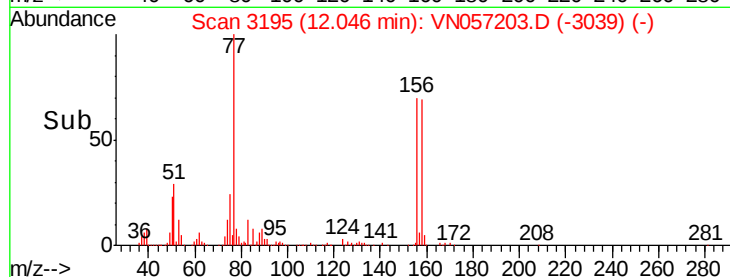
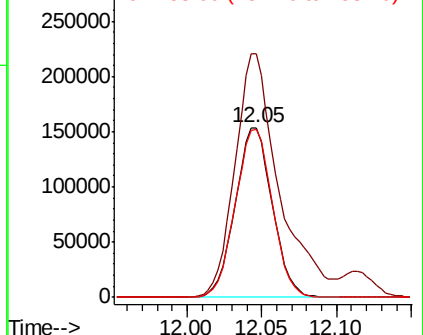
158 99.3 0.0 200.6



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.485 ug/l

RT: 12.11 min Scan# 3216

Delta R.T. -0.00 min

Lab File: VN057203.D

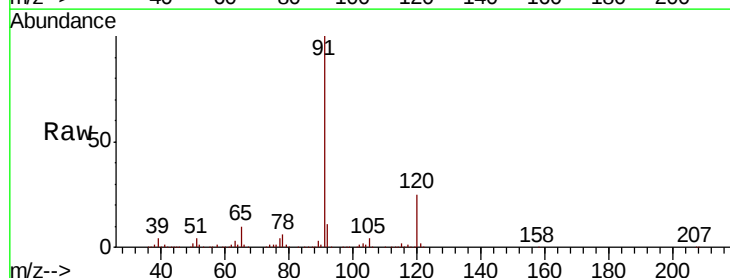
Acq: 12 Aug 2019 9:22

Tgt Ion: 91 Resp: 1061713

Ion Ratio Lower Upper

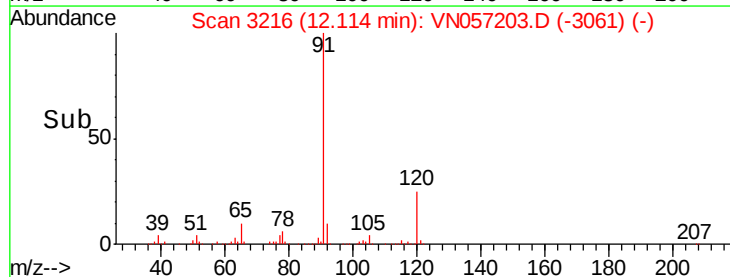
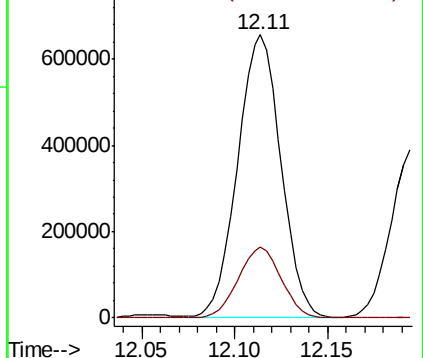
91 100

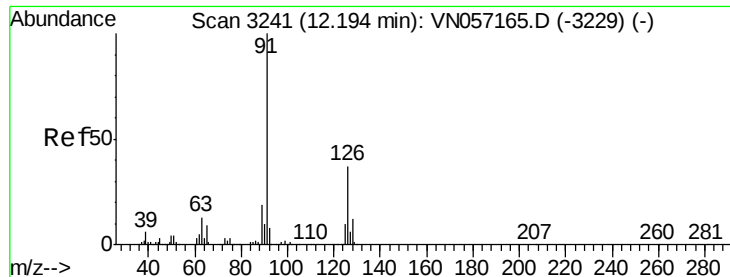
120 24.7 0.0 48.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.882 ug/l

RT: 12.20 min Scan# 3242

Delta R.T. 0.00 min

Lab File: VN057203.D

Acq: 12 Aug 2019 9:22

Instrument :

MSVOA_N

ClientSampleId :

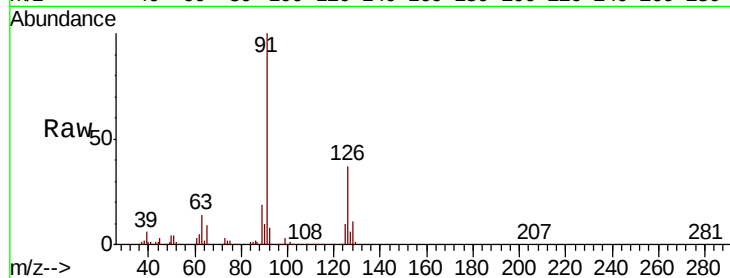
VSTDCCC020

Tgt Ion: 91 Resp: 669423

Ion Ratio Lower Upper

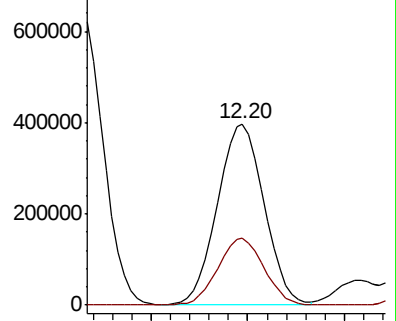
91 100

126 36.5 0.0 73.4

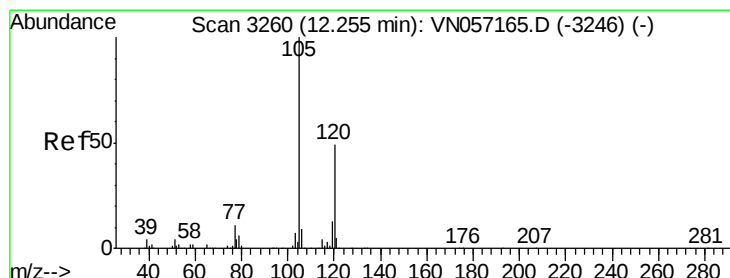
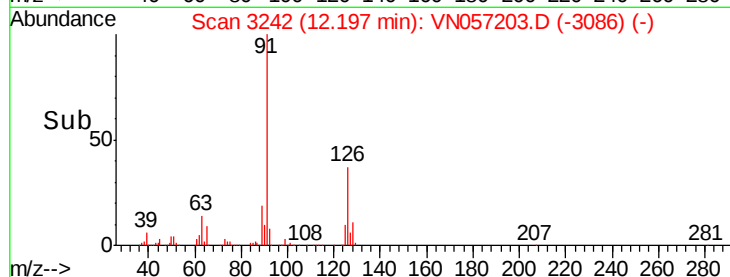


Abundance Ion 91.00 (90.70 to 91.70): VN057165.D (-3229) (-)

Ion 126.00 (125.70 to 126.70): VN057165.D (-3229) (-)



Time-->



#76

1,3,5-Trimethylbenzene

Concen: 20.866 ug/l

RT: 12.26 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN057203.D

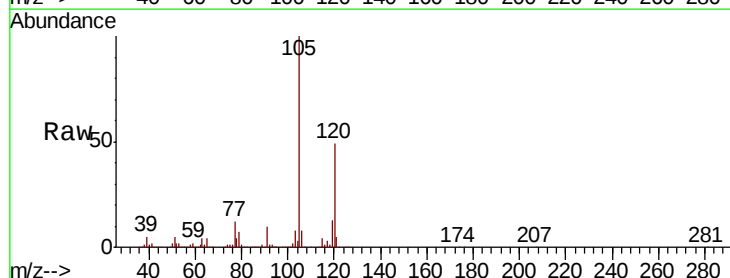
Acq: 12 Aug 2019 9:22

Tgt Ion: 105 Resp: 867424

Ion Ratio Lower Upper

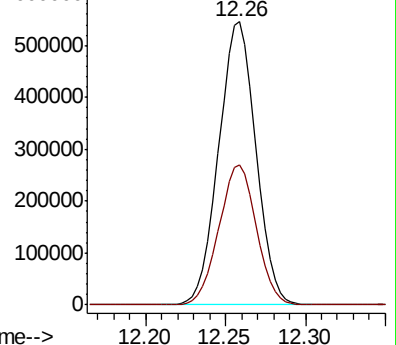
105 100

120 50.0 0.0 83.6

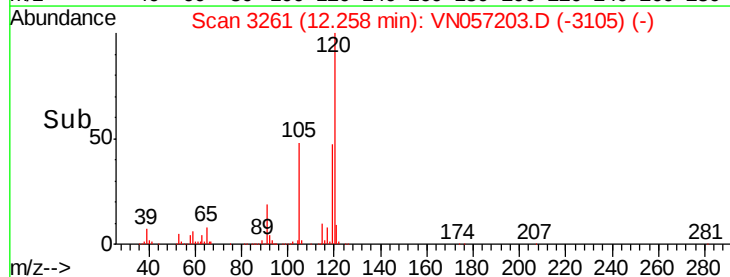


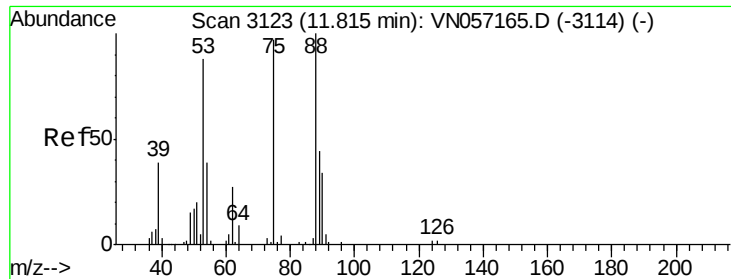
Abundance Ion 105.00 (104.70 to 105.70): VN057165.D (-3246) (-)

Ion 120.00 (119.70 to 120.70): VN057165.D (-3246) (-)



Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 20.121 ug/l

RT: 11.82 min Scan# 3124

Delta R.T. 0.00 min

Lab File: VN057203.D

Acq: 12 Aug 2019 9:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

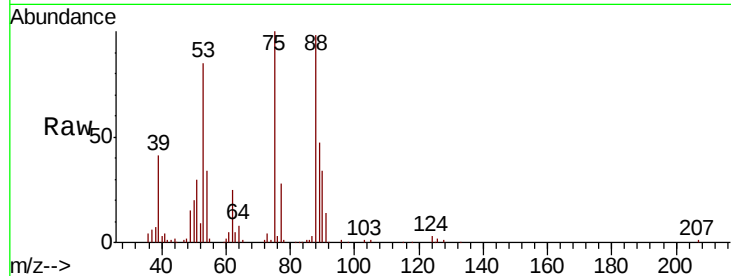
Tgt Ion: 75 Resp: 80138

Ion Ratio Lower Upper

75 100

53 85.1 45.4 136.2

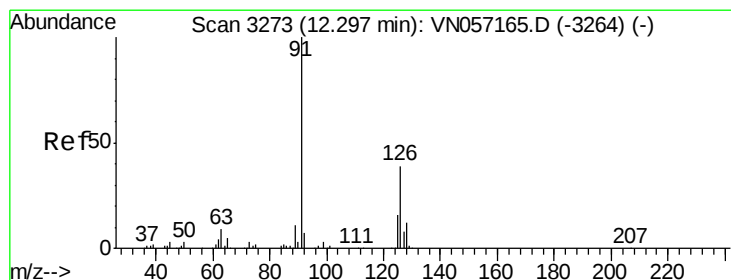
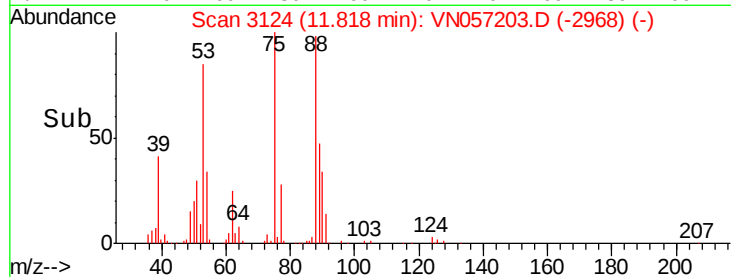
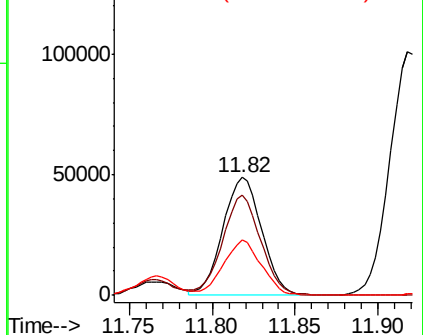
89 46.8 23.5 70.6



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 20.462 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN057203.D

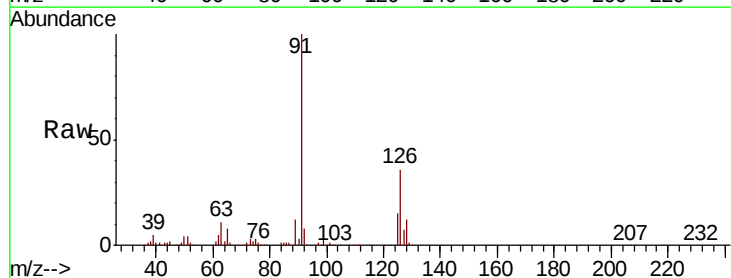
Acq: 12 Aug 2019 9:22

Tgt Ion: 91 Resp: 609208

Ion Ratio Lower Upper

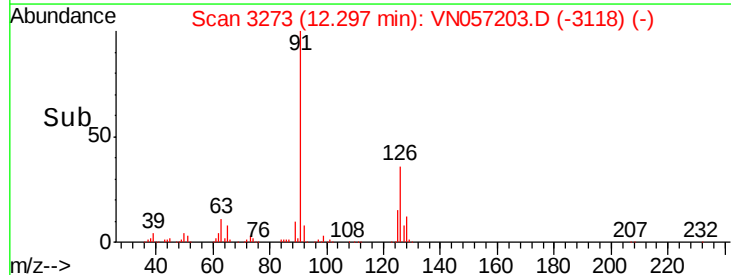
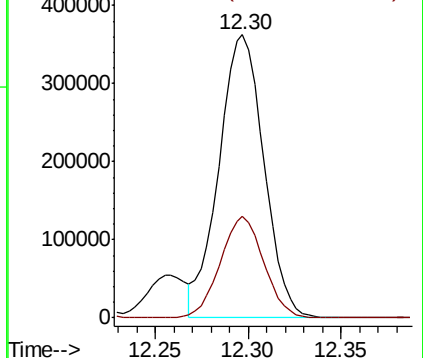
91 100

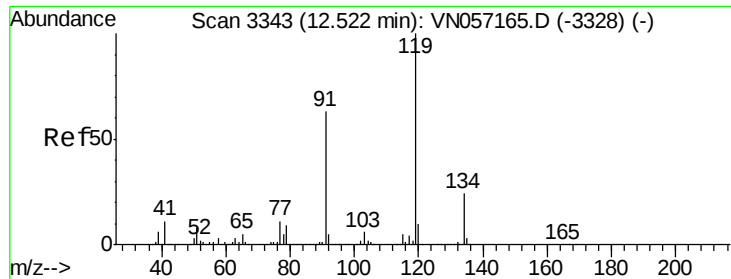
126 34.7 0.0 70.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

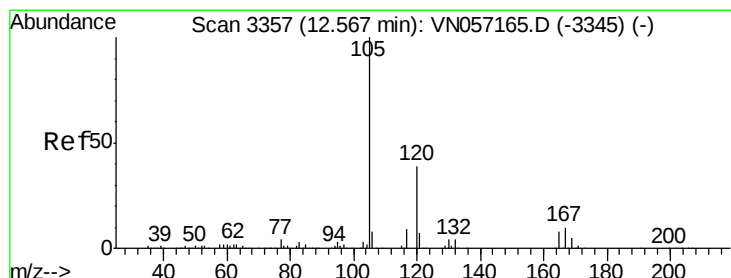
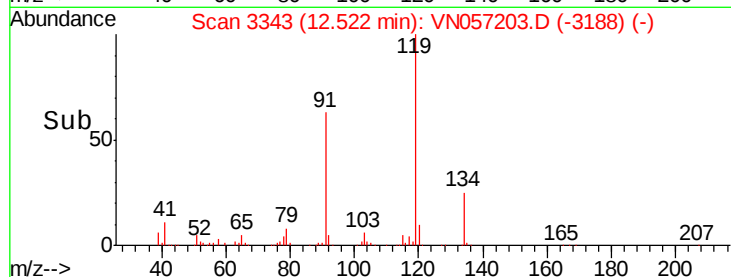
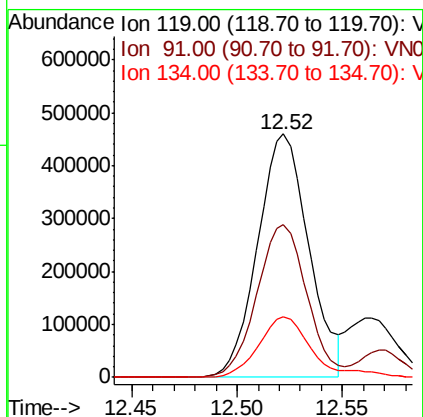
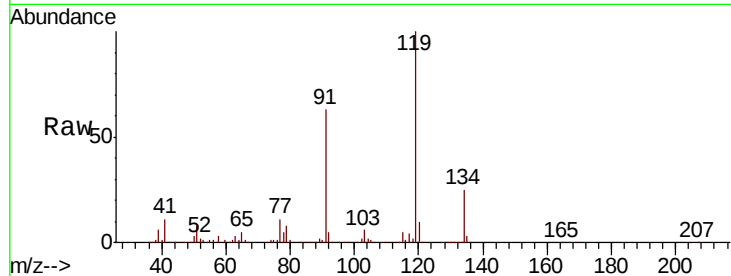




#79
tert-butylbenzene
Concen: 21.150 ug/l
RT: 12.52 min Scan# 3343
Delta R.T. -0.00 min
Lab File: VN057203.D
Acq: 12 Aug 2019 9:22

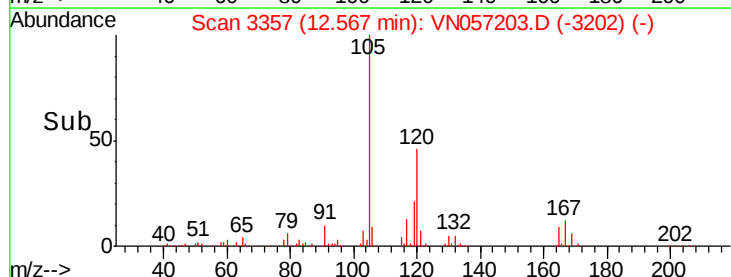
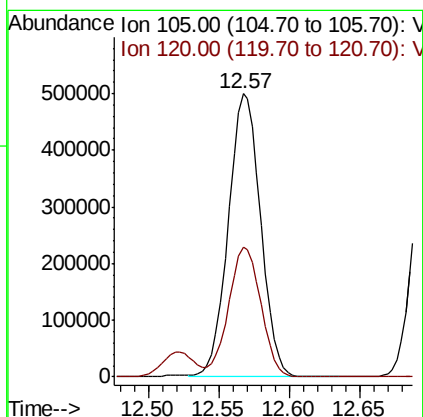
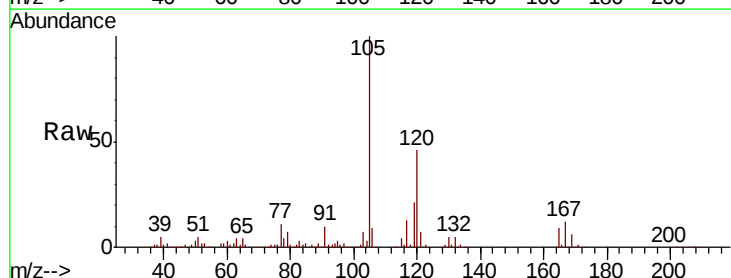
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

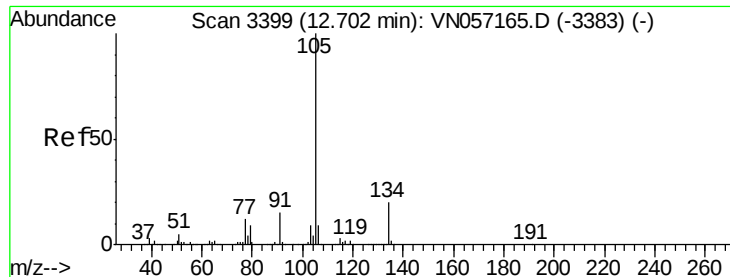
Tgt Ion:119 Resp: 774923
Ion Ratio Lower Upper
119 100
91 61.4 0.0 123.8
134 26.2 0.0 48.6



#80
1,2,4-Trimethylbenzene
Concen: 20.414 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. -0.00 min
Lab File: VN057203.D
Acq: 12 Aug 2019 9:22

Tgt Ion:105 Resp: 800298
Ion Ratio Lower Upper
105 100
120 45.8 0.0 91.2

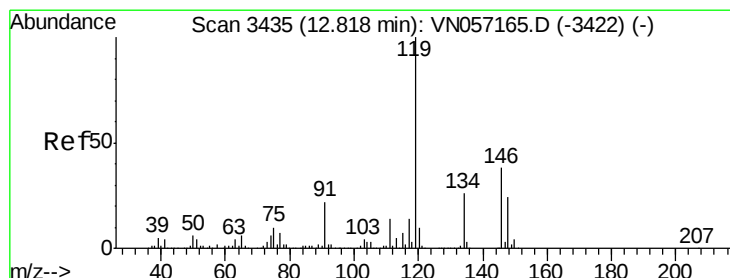
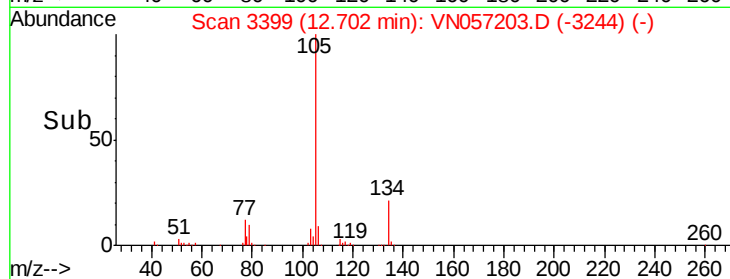
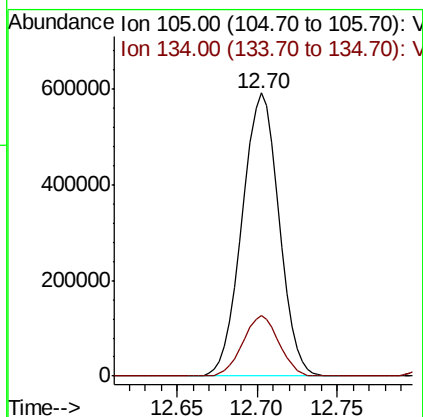
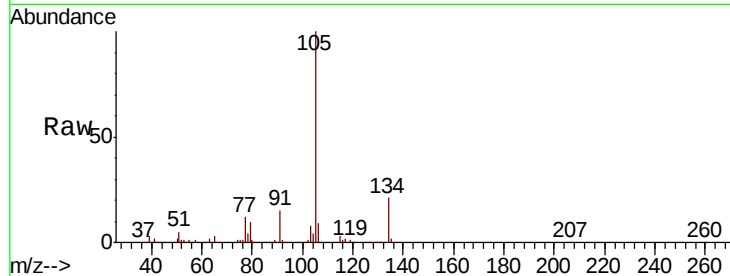




#81
 sec-Butylbenzene
 Concen: 20.102 ug/l
 RT: 12.70 min Scan# 3399
 Delta R.T. -0.00 min
 Lab File: VN057203.D
 Acq: 12 Aug 2019 9:22

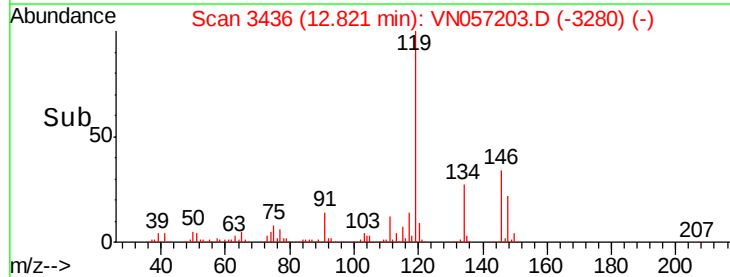
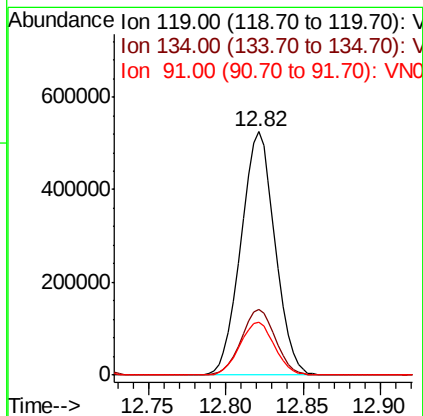
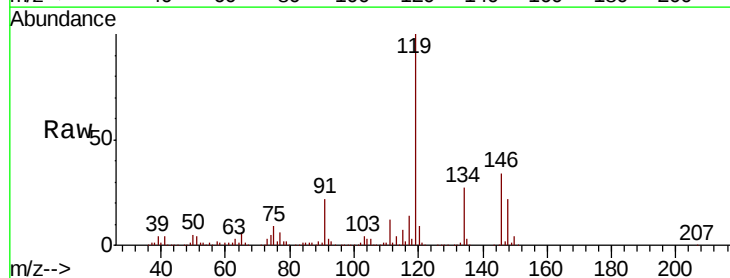
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

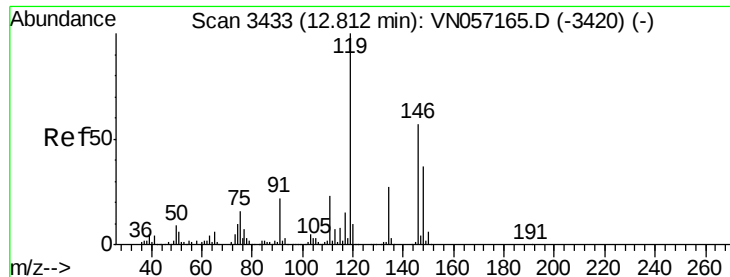
Tgt Ion:105 Resp: 928670
 Ion Ratio Lower Upper
 105 100
 134 21.0 0.0 40.6



#82
 p-Isopropyltoluene
 Concen: 19.567 ug/l
 RT: 12.82 min Scan# 3436
 Delta R.T. 0.00 min
 Lab File: VN057203.D
 Acq: 12 Aug 2019 9:22

Tgt Ion:119 Resp: 804899
 Ion Ratio Lower Upper
 119 100
 134 27.0 0.0 54.2
 91 22.2 0.0 44.4

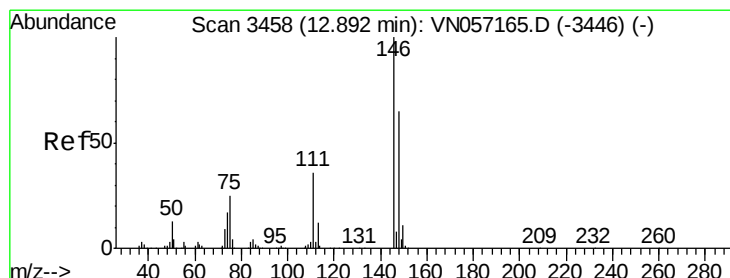
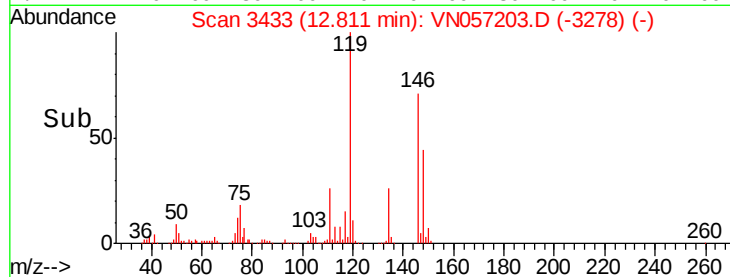
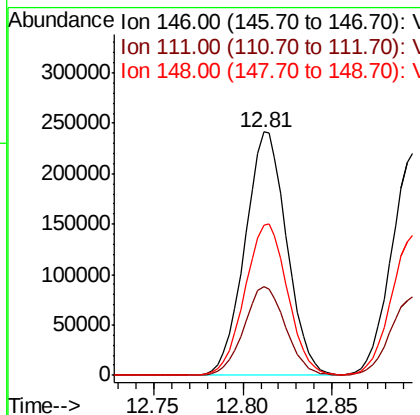
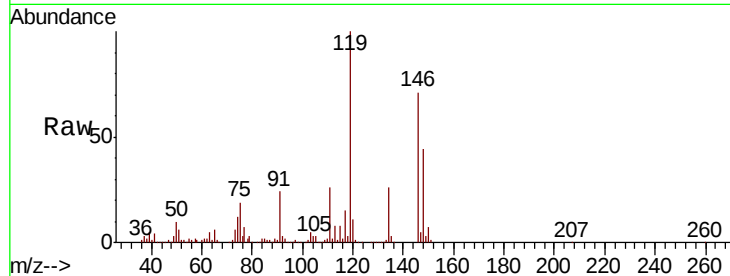




#83
 1,3-Dichlorobenzene
 Concen: 20.283 ug/l
 RT: 12.81 min Scan# 3433
 Delta R.T. -0.00 min
 Lab File: VN057203.D
 Acq: 12 Aug 2019 9:22

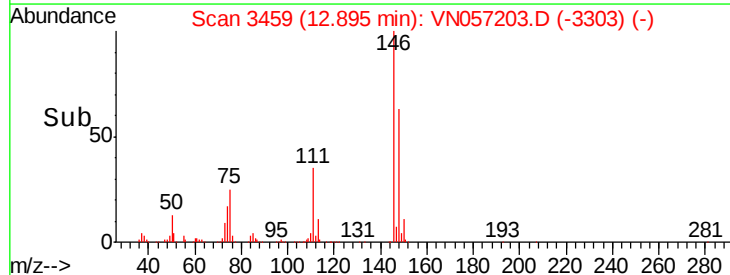
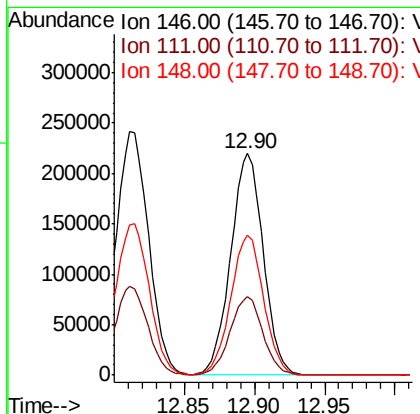
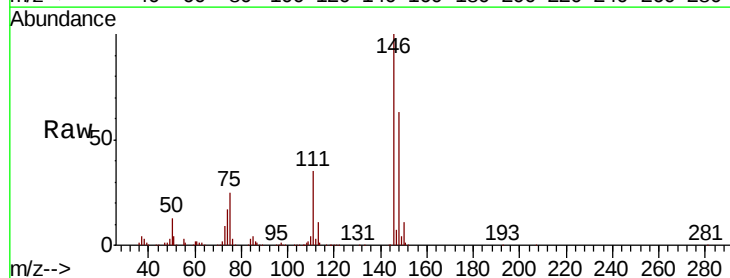
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

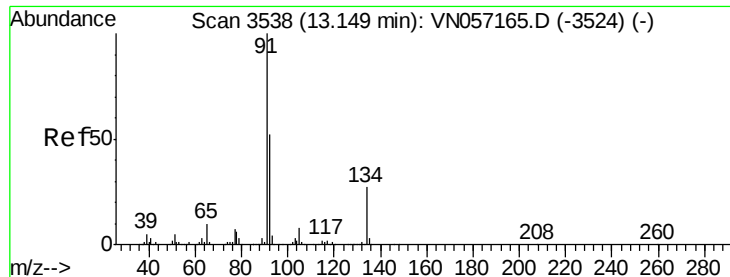
Tgt Ion:146 Resp: 395390
 Ion Ratio Lower Upper
 146 100
 111 36.4 19.1 57.1
 148 63.7 32.6 97.8



#84
 1,4-Dichlorobenzene
 Concen: 19.576 ug/l
 RT: 12.90 min Scan# 3459
 Delta R.T. 0.00 min
 Lab File: VN057203.D
 Acq: 12 Aug 2019 9:22

Tgt Ion:146 Resp: 354964
 Ion Ratio Lower Upper
 146 100
 111 35.8 18.0 54.0
 148 64.0 32.3 96.9





#85

n-Butylbenzene

Concen: 19.156 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN057203.D

Acq: 12 Aug 2019 9:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

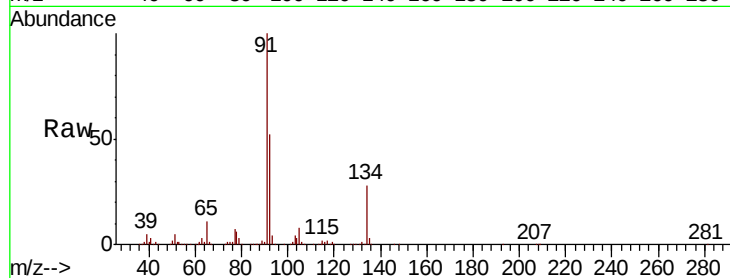
Tgt Ion: 91 Resp: 569776

Ion Ratio Lower Upper

91 100

92 51.4 0.0 104.4

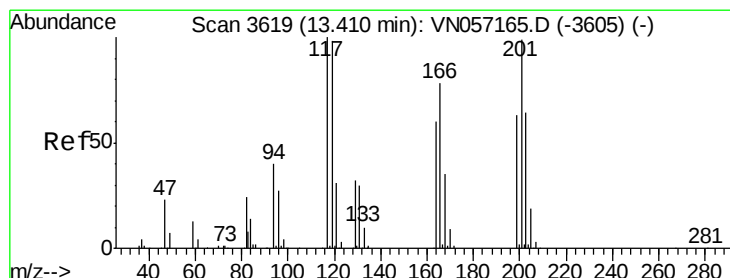
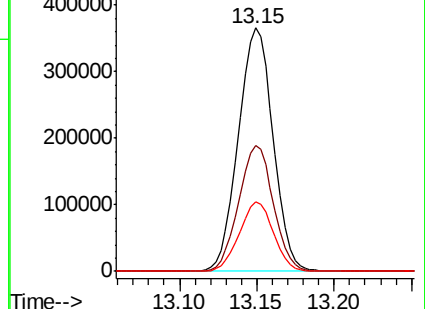
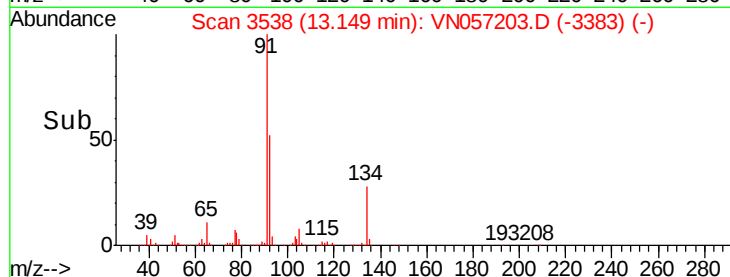
134 28.1 0.0 55.0



Abundance Ion 91.00 (90.70 to 91.70): VN057203.D (-3538) (-)

Ion 92.00 (91.70 to 92.70): VN057203.D (-3538) (-)

Ion 134.00 (133.70 to 134.70): VN057203.D (-3538) (-)



#86

Hexachloroethane

Concen: 20.302 ug/l

RT: 13.41 min Scan# 3619

Delta R.T. -0.00 min

Lab File: VN057203.D

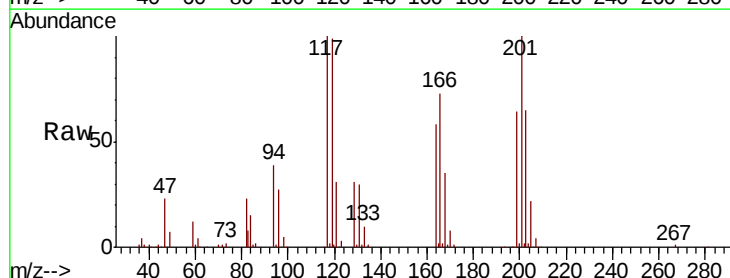
Acq: 12 Aug 2019 9:22

Tgt Ion: 117 Resp: 151858

Ion Ratio Lower Upper

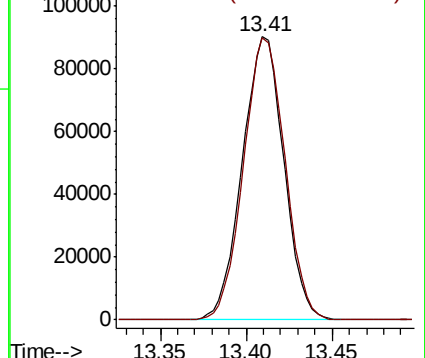
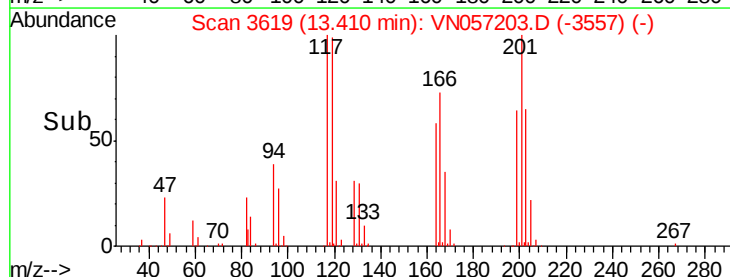
117 100

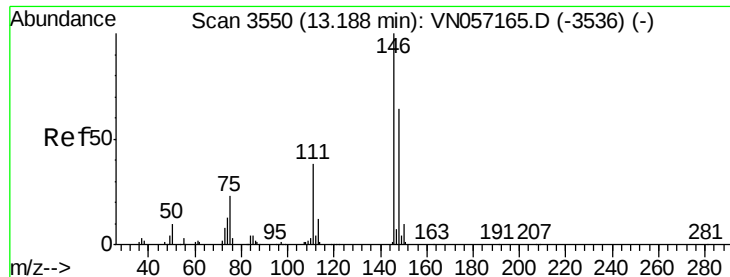
201 99.1 49.3 147.9



Abundance Ion 117.00 (116.70 to 117.70): VN057203.D (-3619) (-)

Ion 201.00 (200.70 to 201.70): VN057203.D (-3619) (-)

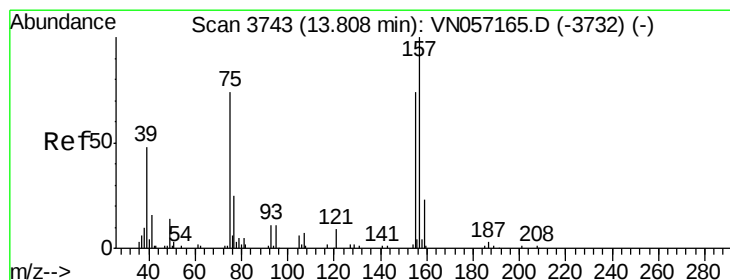
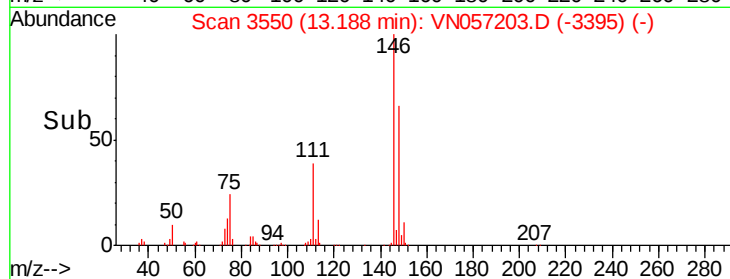
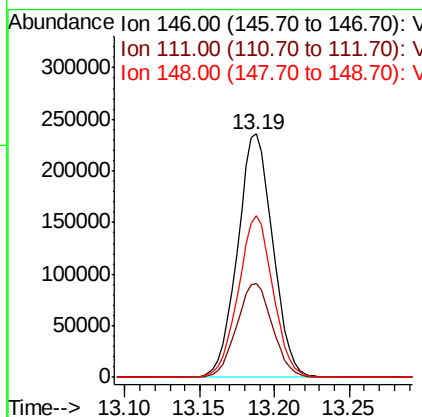
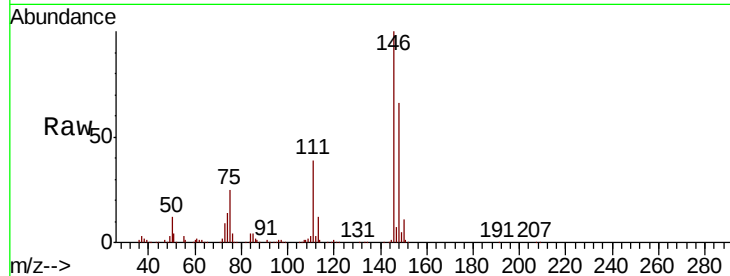




#87
 1,2-Dichlorobenzene
 Concen: 19.989 ug/l
 RT: 13.19 min Scan# 3550
 Delta R.T. -0.00 min
 Lab File: VN057203.D
 Acq: 12 Aug 2019 9:22

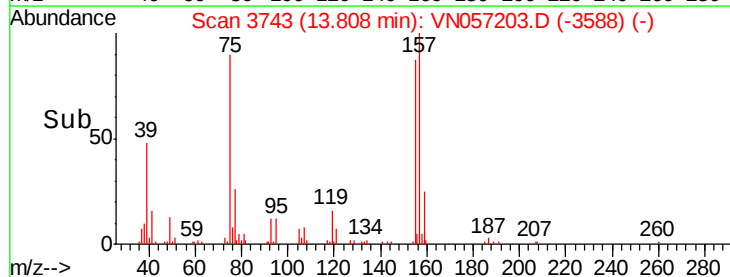
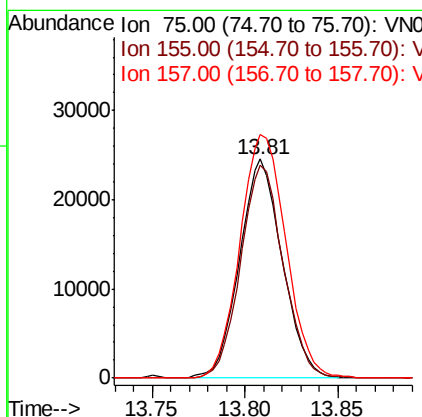
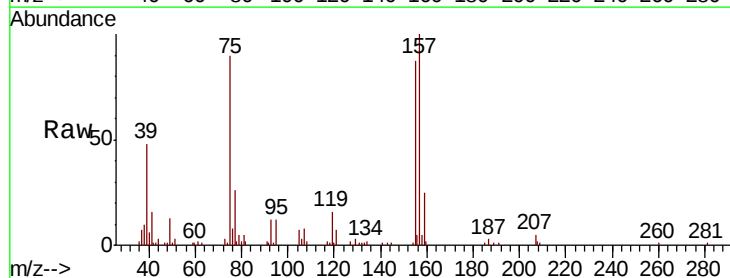
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

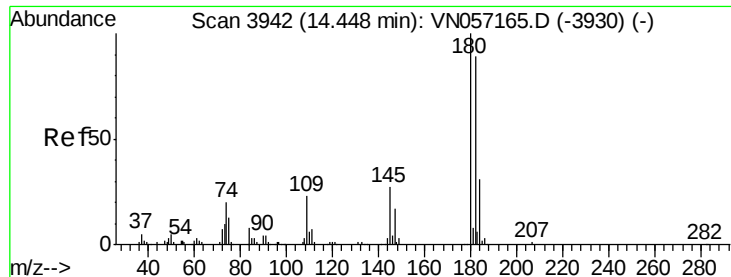
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.9	56.5
148	65.3	32.4	97.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.712 ug/l
 RT: 13.81 min Scan# 3743
 Delta R.T. -0.00 min
 Lab File: VN057203.D
 Acq: 12 Aug 2019 9:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.6	80.9	121.3
157	119.8	111.3	166.9

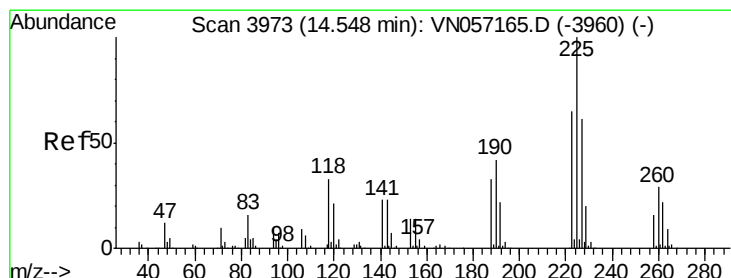
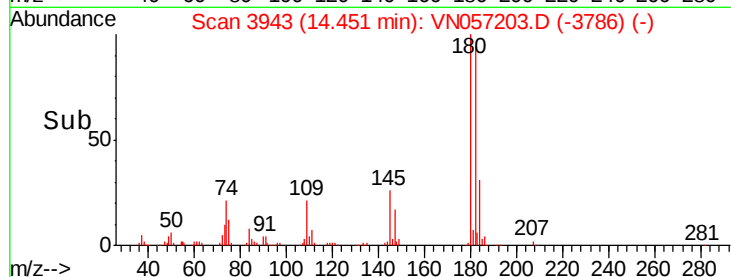
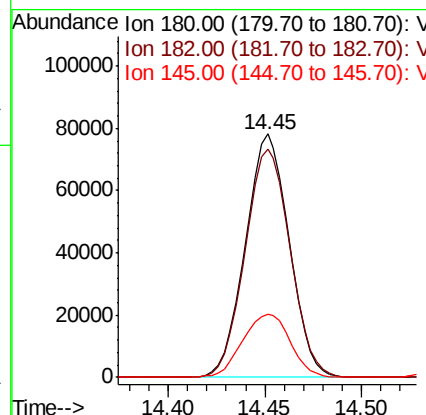
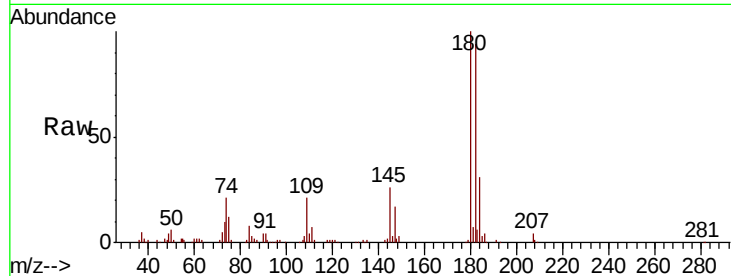




#89
 1,2,4-Trichlorobenzene
 Concen: 19.657 ug/l
 RT: 14.45 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VN057203.D
 Acq: 12 Aug 2019 9:22

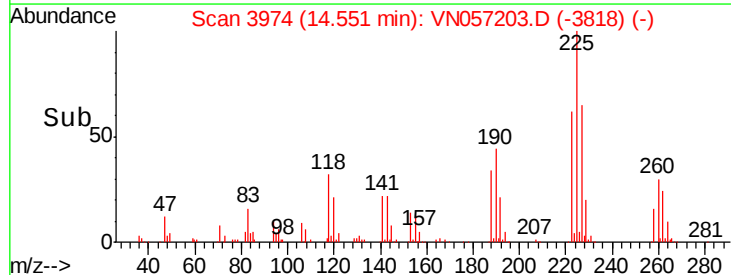
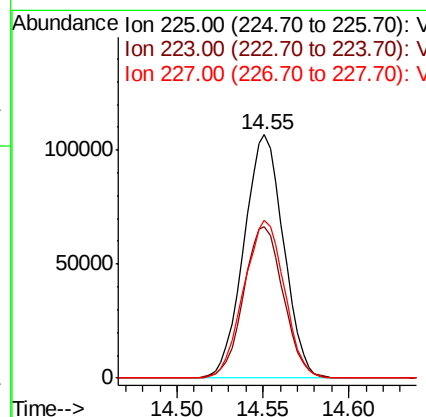
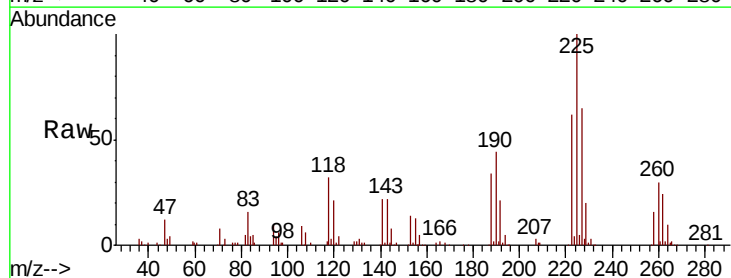
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

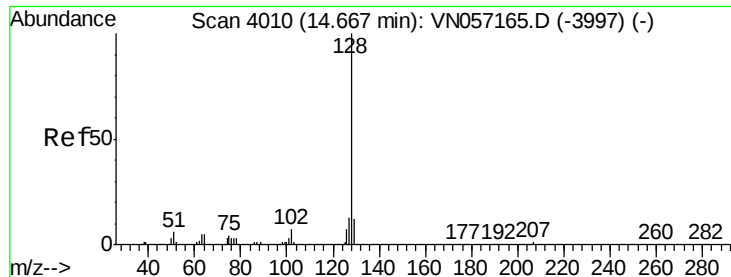
Tgt Ion:180 Resp: 123382
 Ion Ratio Lower Upper
 180 100
 182 96.6 75.0 112.6
 145 28.3 21.7 32.5



#90
 Hexachlorobutadiene
 Concen: 20.522 ug/l
 RT: 14.55 min Scan# 3974
 Delta R.T. 0.00 min
 Lab File: VN057203.D
 Acq: 12 Aug 2019 9:22

Tgt Ion:225 Resp: 171029
 Ion Ratio Lower Upper
 225 100
 223 62.4 0.0 128.0
 227 66.2 0.0 125.6

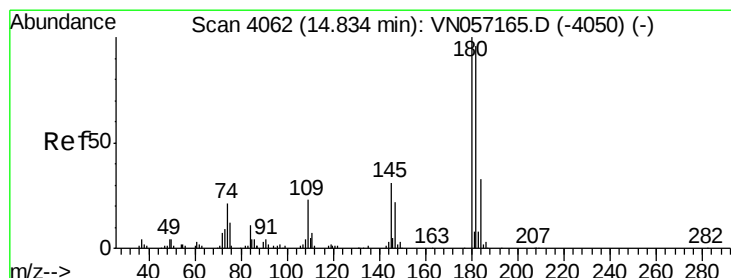
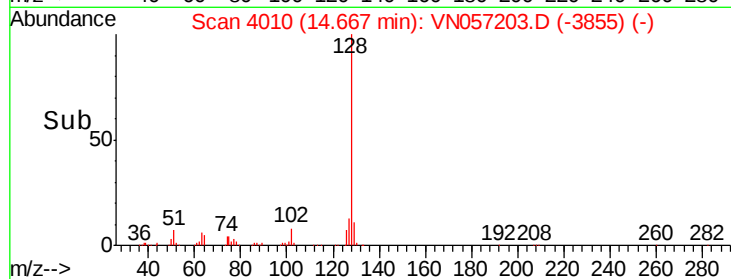
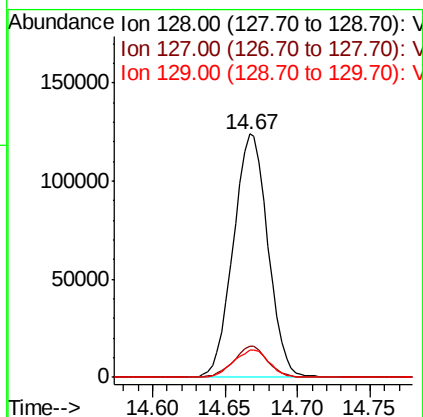
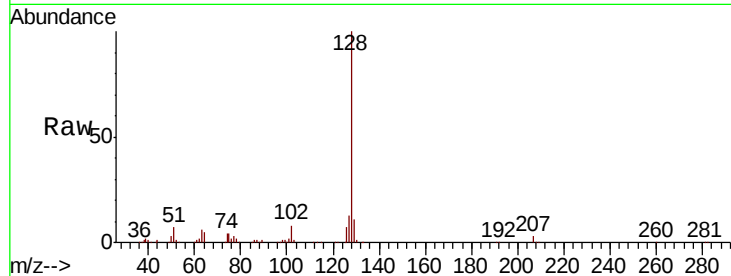




#91
Naphthalene
Concen: 14.013 ug/l
RT: 14.67 min Scan# 4010
Delta R.T. -0.00 min
Lab File: VN057203.D
Acq: 12 Aug 2019 9:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 205632
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 11.6 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 21.213 ug/l
RT: 14.84 min Scan# 4063
Delta R.T. 0.00 min
Lab File: VN057203.D
Acq: 12 Aug 2019 9:22

Tgt Ion:180 Resp: 132935
Ion Ratio Lower Upper
180 100
182 94.0 0.0 195.8
145 29.8 0.0 61.2

