

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081219\
 Data File : VN057209.D
 Acq On : 12 Aug 2019 12:11
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Aug 13 01:41:18 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	159586	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.01	114	879422	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.91	117	765387	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.44	65	312448	30.04	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.13%
60) 4-Bromofluorobenzene	11.92	95	320682	28.14	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.80%
63) Toluene-d8	9.56	98	1060644	30.02	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.07%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.82	85	166537	19.132	ug/l 99
3) Chloromethane	2.00	50	185070	18.354	ug/l 99
4) Vinyl Chloride	2.11	62	183924	17.930	ug/l 99
5) Bromomethane	2.43	94	135608	18.558	ug/l 100
6) Chloroethane	2.55	64	123022	18.494	ug/l 96
7) Trichlorofluoromethane	2.83	101	285438	18.662	ug/l 97
8) Diethyl Ether	3.14	74	101543	17.812	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.44	101	167982	18.156	ug/l 98
10) 1,1-Dichloroethene	3.43	96	162623	17.777	ug/l 96
11) Methyl Iodide	3.63	142	261630	18.329	ug/l 98
12) Methyl Acetate	3.89	43	195923	20.560	ug/l 99
13) Acrolein	3.31	56	97613	92.885	ug/l 97
14) Acrylonitrile	4.45	53	379868	95.548	ug/l 98
15) Acetone	3.48	58	104359	79.092	ug/l 100
16) Carbon Disulfide	3.72	76	437978	17.747	ug/l 98
17) Allyl chloride	3.91	41	234073	17.357	ug/l 96
18) Methylene Chloride	4.10	84	190269	18.347	ug/l 99
19) trans-1,2-Dichloroethene	4.50	96	175548	17.900	ug/l 98
20) Diisopropyl ether	5.32	45	507523	18.453	ug/l 92
21) 1,1-Dichloroethane	5.25	63	316089	18.452	ug/l 99
22) cis-1,2-Dichloroethene	6.21	96	200337	17.948	ug/l 98
23) tert-Butyl Alcohol	4.24	59	126783	96.639	ug/l # 100
24) Methyl tert-Butyl Ether	4.49	73	495244	18.411	ug/l 99
25) Chloroform	6.76	83	323084	18.342	ug/l 99
26) Cyclohexane	7.07	56	256812	17.537	ug/l # 96
29) 1,1-Dichloropropene	7.20	75	236450	17.879	ug/l 99
30) 2-Butanone	6.20	43	461610	88.657	ug/l 100
31) 2,2-Dichloropropane	6.21	77	246434	17.429	ug/l 99
32) 1,1,1-Trichloroethane	6.98	97	280471	18.313	ug/l 100
33) Carbon Tetrachloride	7.18	117	248733	18.244	ug/l 97
34) Benzene	7.46	78	728754	18.052	ug/l 97
35) Methacrylonitrile	6.55	41	101928	19.370	ug/l 94
36) 1,2-Dichloroethane	7.54	62	237382	18.406	ug/l 99
37) Trichloroethene	8.27	130	207575	18.095	ug/l 100
38) Methylcyclohexane	8.53	83	276987	17.551	ug/l 100
39) 1,2-Dichloropropane	8.56	63	186315	17.905	ug/l 99
40) Dibromomethane	8.65	93	124250	18.548	ug/l 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081219\
 Data File : VN057209.D
 Acq On : 12 Aug 2019 12:11
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC020EC

Quant Time: Aug 13 01:41:18 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)
41) Bromodichloromethane	8.85	83	242152	18.179	ug/l	98
42) Vinyl Acetate	5.26	43	1978714	91.415	ug/l	100
43) Ethyl Acetate	6.29	43	191490	19.941	ug/l	98
44) Isopropyl Acetate	7.56	43	341965	19.613	ug/l	99
45) 1,4-Dioxane	8.64	88	62562	384.510	ug/l	99
46) Methyl methacrylate	8.64	41	149462	18.801	ug/l	98
47) n-amyl Acetate	11.59	43	226542	17.661	ug/l	99
48) t-1,3-Dichloropropene	9.86	75	257027	18.096	ug/l	99
49) cis-1,3-Dichloropropene	9.30	75	288956	17.946	ug/l	99
50) 1,1,2-Trichloroethane	10.04	97	178836	18.678	ug/l	97
51) Ethyl methacrylate	9.90	69	245262	18.152	ug/l	99
52) 1,3-Dichloropropane	10.19	76	298302	18.692	ug/l	99
53) Dibromochloromethane	10.39	129	195569	18.127	ug/l	98
54) 1,2-Dibromoethane	10.50	107	188627	18.873	ug/l	99
55) 2-Chloroethyl vinyl ether	9.15	63	314202	82.358	ug/l	99
56) Bromoform	11.64	173	144435	18.117	ug/l	99
58) 4-Methyl-2-Pentanone	9.45	43	941666	95.771	ug/l	99
59) 2-Hexanone	10.24	43	644553	91.180	ug/l	98
61) Tetrachloroethene	10.11	164	221685	18.871	ug/l	96
62) Toluene	9.63	91	793983	18.225	ug/l	100
64) Chlorobenzene	10.93	112	491085	18.327	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.01	131	190185	18.508	ug/l	98
66) Ethyl Benzene	11.01	91	845349	18.102	ug/l	100
67) m/p-Xylenes	11.13	106	635235	36.070	ug/l	100
68) o-Xylene	11.46	106	308365	18.035	ug/l	98
69) Styrene	11.48	104	485304	17.701	ug/l	99
70) Isopropylbenzene	11.77	105	835669	18.154	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.02	83	234683	18.614	ug/l	98
72) 1,2,3-Trichloropropane	12.08	75	278137	25.206	ug/l	62
73) Bromobenzene	12.05	156	212083	17.767	ug/l	97
74) n-propylbenzene	12.11	91	830974	17.195	ug/l	99
75) 2-Chlorotoluene	12.20	91	534201	17.872	ug/l	98
76) 1,3,5-Trimethylbenzene	12.26	105	695948	17.955	ug/l	87
77) t-1,4-Dichloro-2-butene	11.82	75	62981	16.960	ug/l	98
78) 4-Chlorotoluene	12.30	91	462322	16.654	ug/l	99
79) tert-butylbenzene	12.52	119	619568	18.136	ug/l	100
80) 1,2,4-Trimethylbenzene	12.57	105	642224	17.570	ug/l	99
81) sec-Butylbenzene	12.70	105	741459	17.214	ug/l	99
82) p-Isopropyltoluene	12.82	119	637817	16.629	ug/l	100
83) 1,3-Dichlorobenzene	12.81	146	293934	16.172	ug/l	99
84) 1,4-Dichlorobenzene	12.90	146	271675	16.069	ug/l	99
85) n-Butylbenzene	13.15	91	446126	16.087	ug/l	99
86) Hexachloroethane	13.41	117	122615	17.581	ug/l	98
87) 1,2-Dichlorobenzene	13.19	146	302138	16.762	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.81	75	28733	16.243	ug/l	94
89) 1,2,4-Trichlorobenzene	14.45	180	77874	16.232	ug/l	98
90) Hexachlorobutadiene	14.55	225	131745	16.954	ug/l	98
91) Naphthalene	14.67	128	149641	10.937	ug/l	100
92) 1,2,3-Trichlorobenzene	14.84	180	82101	16.874	ug/l	97

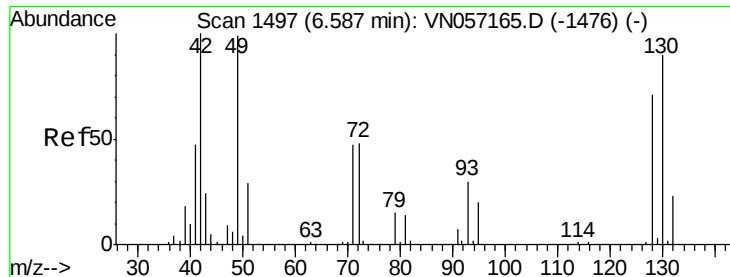
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081219\
Data File : VN057209.D
Acq On : 12 Aug 2019 12:11
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Quant Time: Aug 13 01:41:18 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)
--------------------	------	------	----------	------	-------	----------

(#) = 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: VN057209.D

Acq: 12 Aug 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

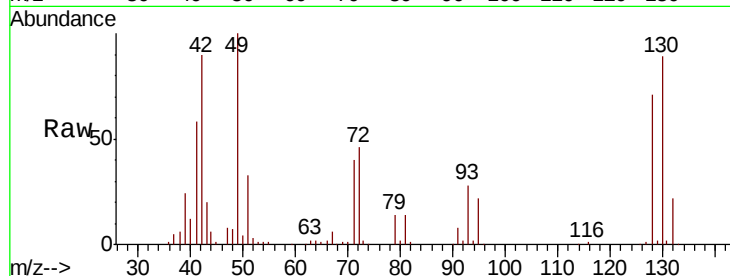
Tgt Ion:128 Resp: 159586

Ion Ratio Lower Upper

128 100

49 141.0 0.0 361.0

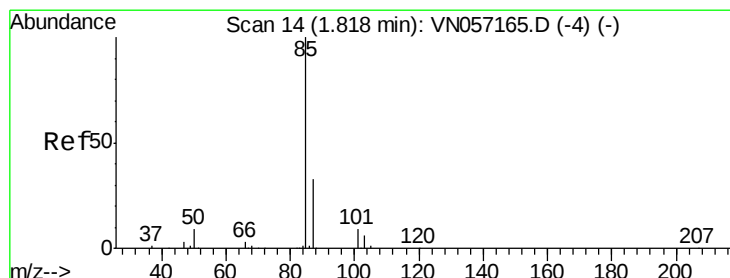
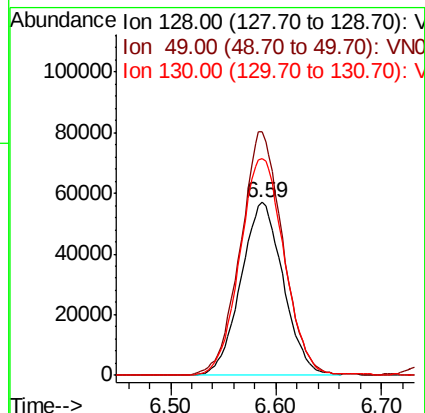
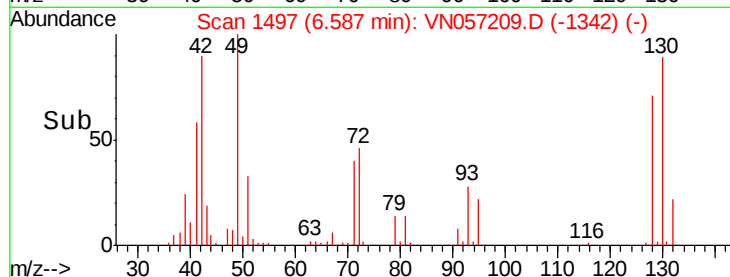
130 131.2 0.0 329.5



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: 19.132 ug/l

RT: 1.82 min Scan# 14

Delta R.T. -0.00 min

Lab File: VN057209.D

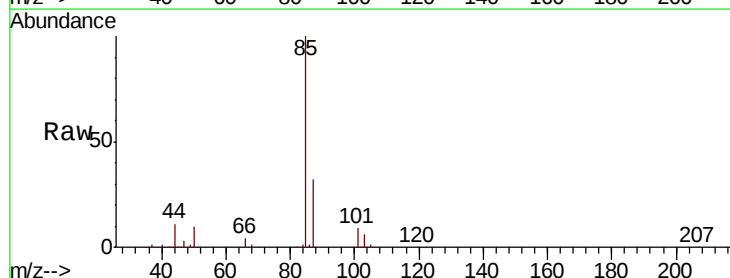
Acq: 12 Aug 2019 12:11

Tgt Ion: 85 Resp: 166537

Ion Ratio Lower Upper

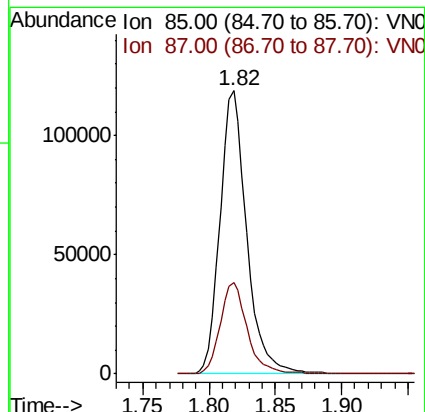
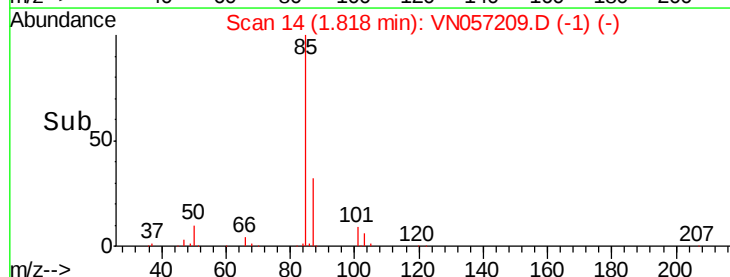
85 100

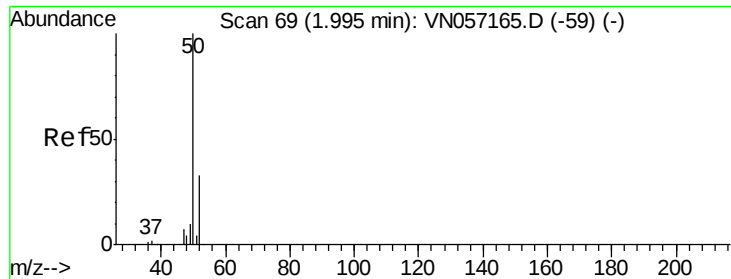
87 32.4 16.5 49.5



Abundance Ion 85.00 (84.70 to 85.70): VN

Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 18.354 ug/l

RT: 2.00 min Scan# 69

Delta R.T. -0.00 min

Lab File: VN057209.D

Acq: 12 Aug 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

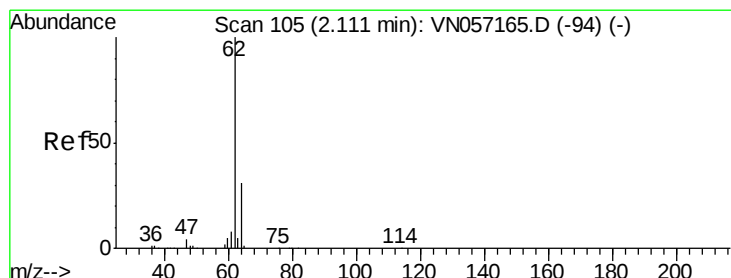
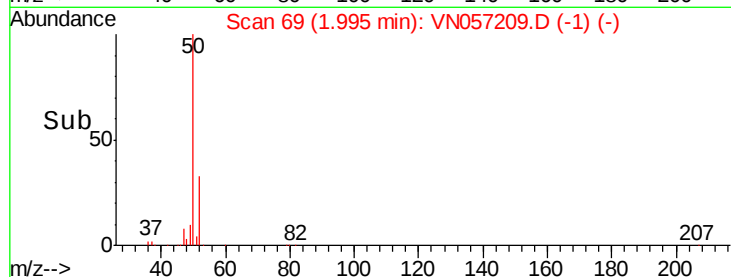
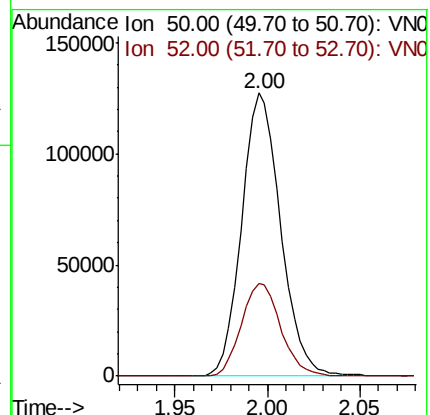
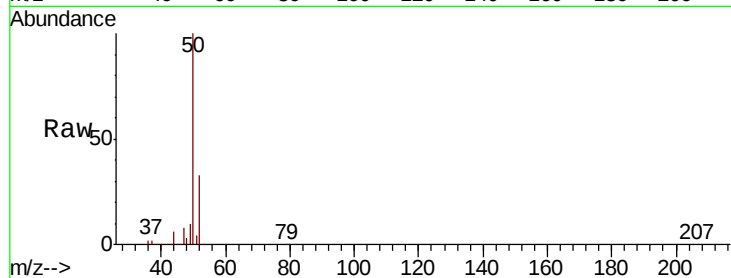
VSTDCCC020EC

Tgt Ion: 50 Resp: 185070

Ion Ratio Lower Upper

50 100

52 32.7 26.5 39.7



#4

Vinyl Chloride

Concen: 17.930 ug/l

RT: 2.11 min Scan# 105

Delta R.T. -0.00 min

Lab File: VN057209.D

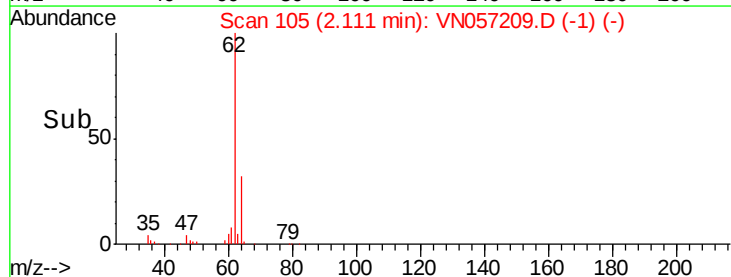
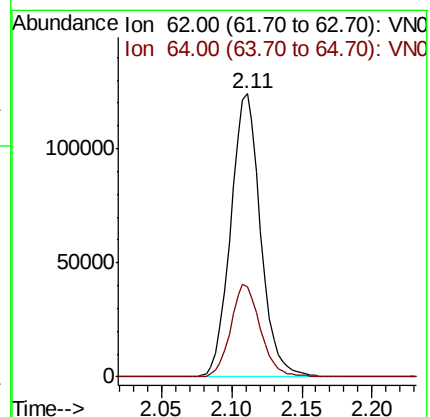
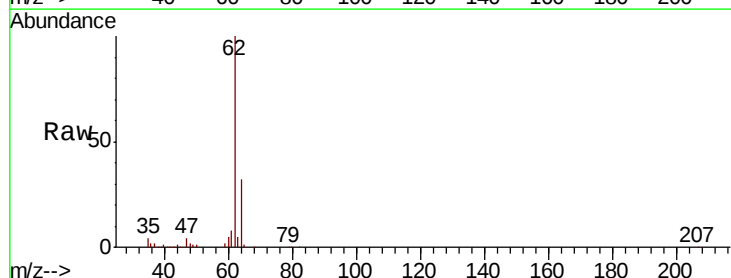
Acq: 12 Aug 2019 12:11

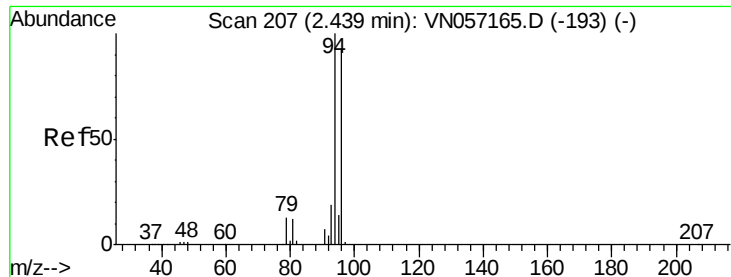
Tgt Ion: 62 Resp: 183924

Ion Ratio Lower Upper

62 100

64 32.0 25.0 37.4





#5

Bromomethane

Concen: 18.558 ug/l

RT: 2.43 min Scan# 205

Delta R.T. -0.01 min

Lab File: VN057209.D

Acq: 12 Aug 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

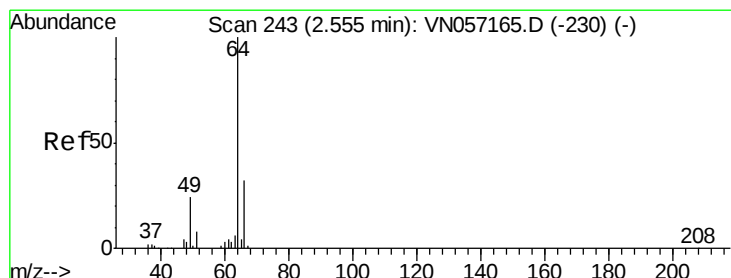
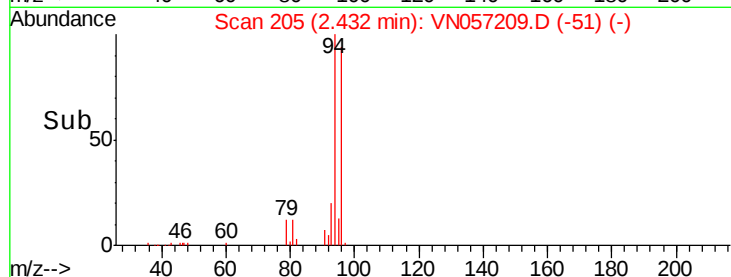
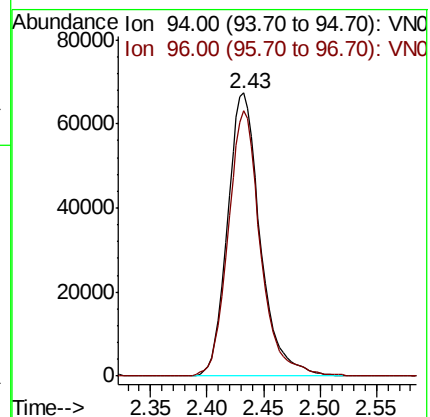
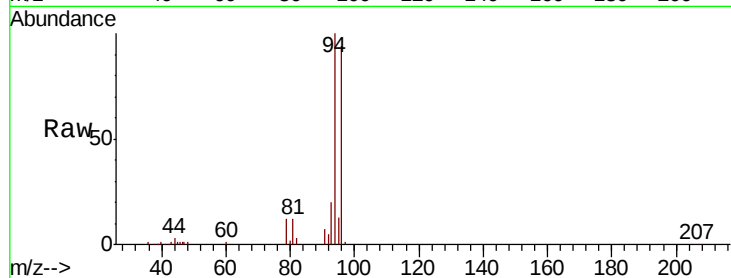
VSTDCCC020EC

Tgt Ion: 94 Resp: 135608

Ion Ratio Lower Upper

94 100

96 93.7 74.7 112.1



#6

Chloroethane

Concen: 18.494 ug/l

RT: 2.55 min Scan# 243

Delta R.T. -0.00 min

Lab File: VN057209.D

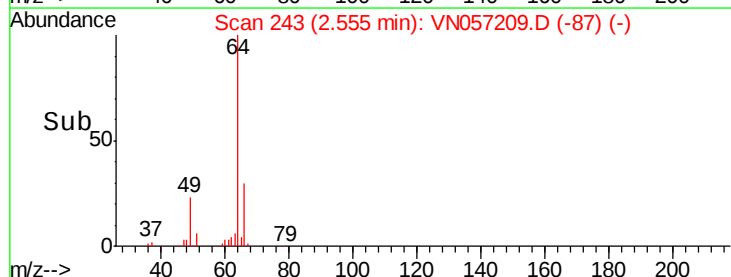
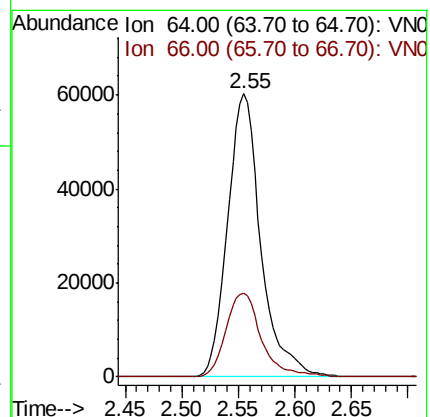
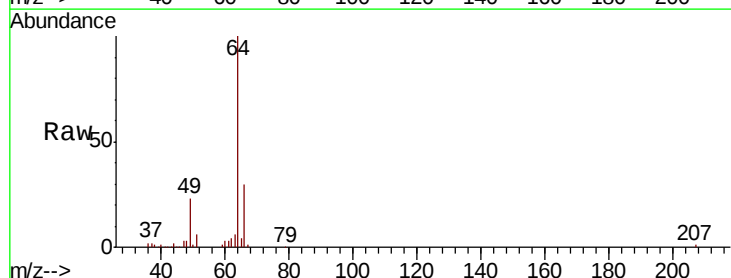
Acq: 12 Aug 2019 12:11

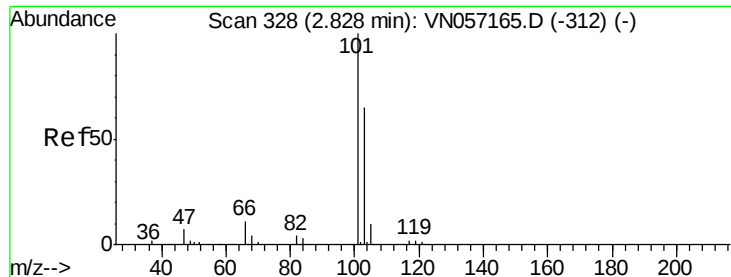
Tgt Ion: 64 Resp: 123022

Ion Ratio Lower Upper

64 100

66 29.7 25.8 38.6



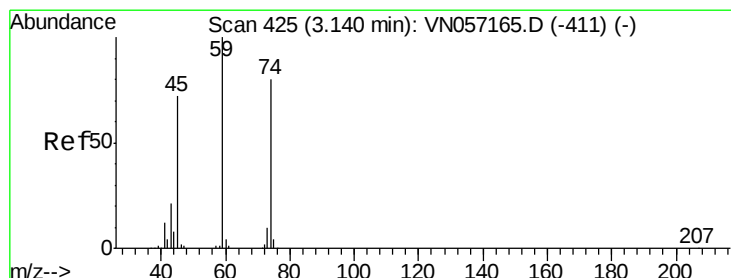
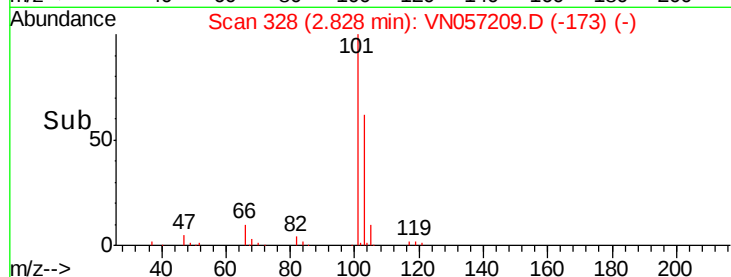
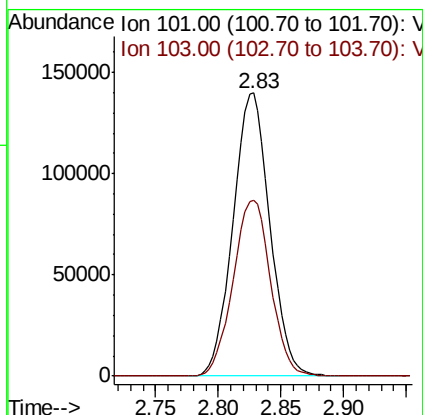
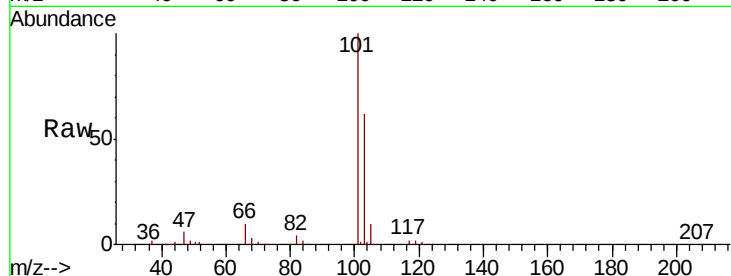


#7

Trichlorofluoromethane
 Concen: 18.662 ug/l
 RT: 2.83 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: VN057209.D
 Acq: 12 Aug 2019 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

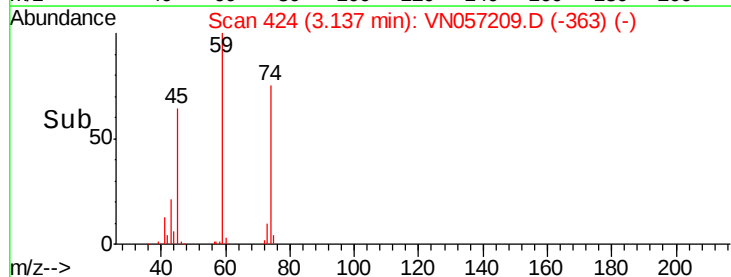
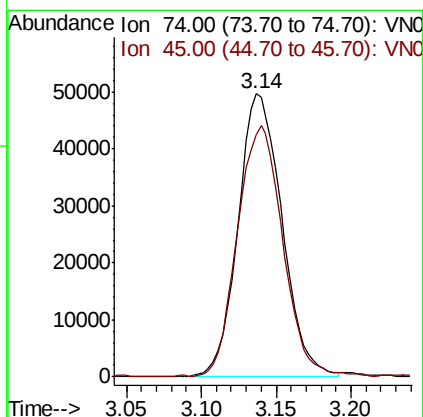
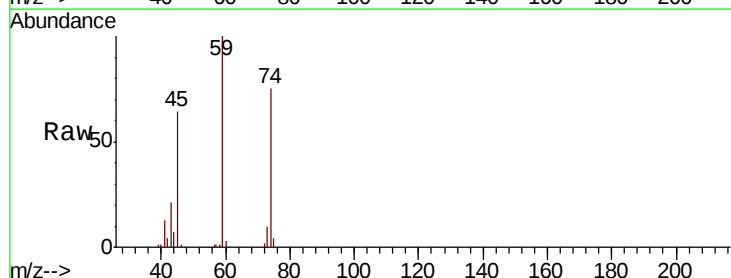
Tgt Ion: 101 Resp: 285438
 Ion Ratio Lower Upper
 101 100
 103 62.3 51.8 77.8

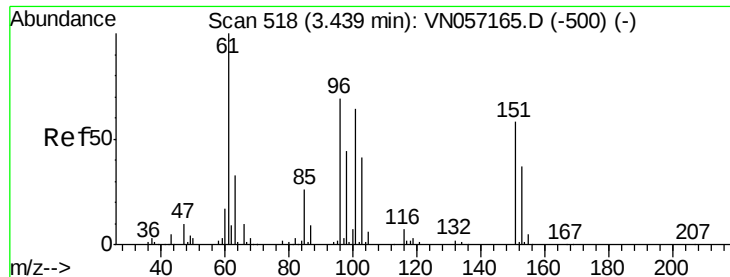


#8

Diethyl Ether
 Concen: 17.812 ug/l
 RT: 3.14 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VN057209.D
 Acq: 12 Aug 2019 12:11

Tgt Ion: 74 Resp: 101543
 Ion Ratio Lower Upper
 74 100
 45 91.3 17.9 161.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.156 ug/l

RT: 3.44 min Scan# 518

Delta R.T. -0.00 min

Lab File: VN057209.D

Acq: 12 Aug 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

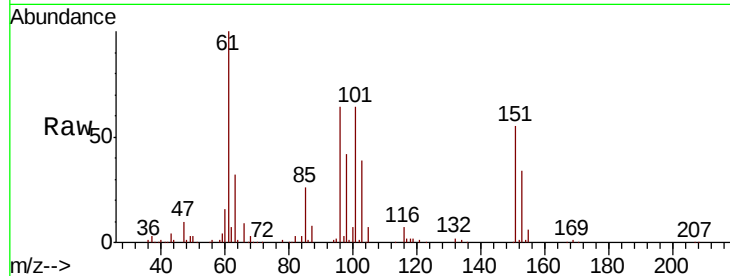
Tgt Ion:101 Resp: 167982

Ion Ratio Lower Upper

101 100

85 41.4 0.0 84.4

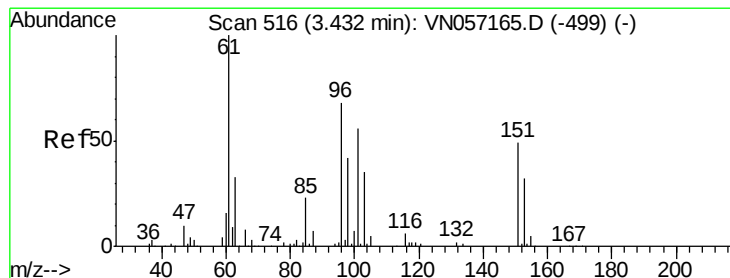
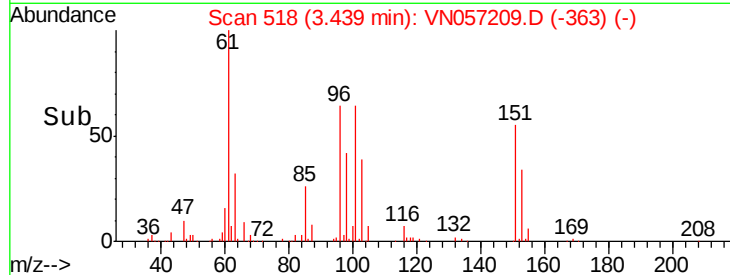
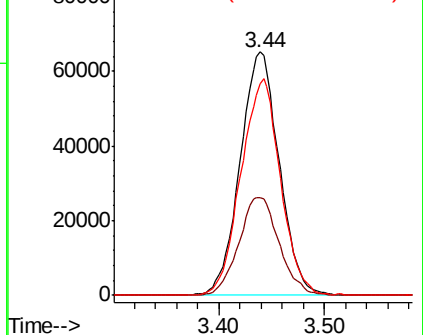
151 89.8 0.0 175.0



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: 17.777 ug/l

RT: 3.43 min Scan# 516

Delta R.T. -0.00 min

Lab File: VN057209.D

Acq: 12 Aug 2019 12:11

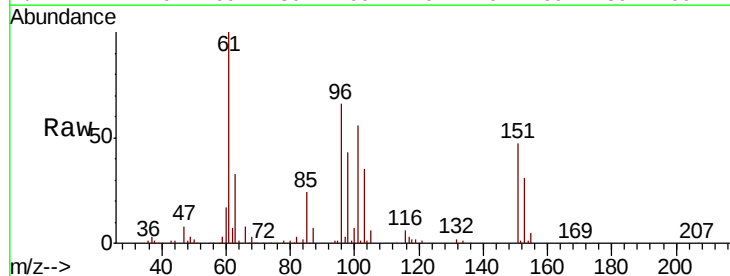
Tgt Ion: 96 Resp: 162623

Ion Ratio Lower Upper

96 100

61 152.5 118.2 177.2

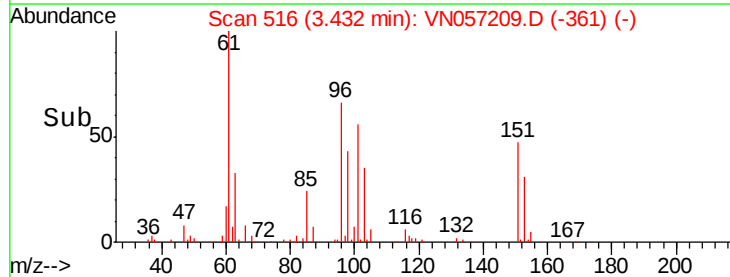
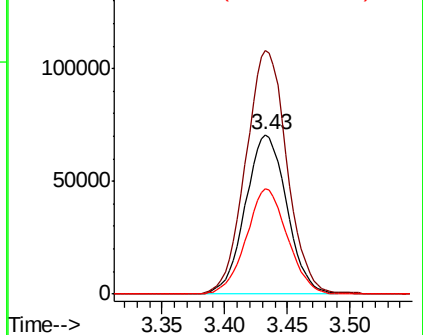
98 65.6 49.3 73.9

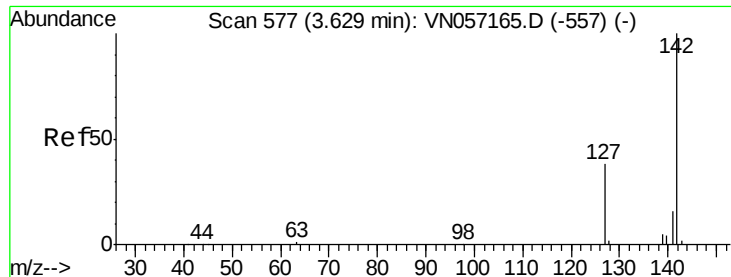


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

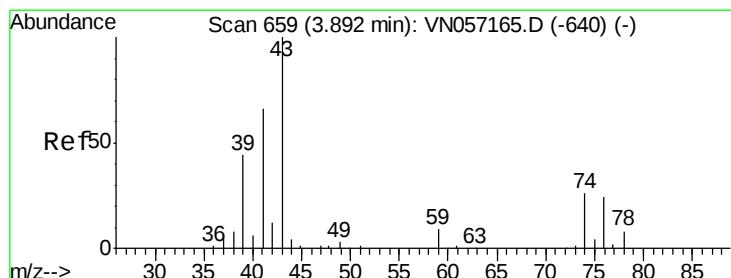
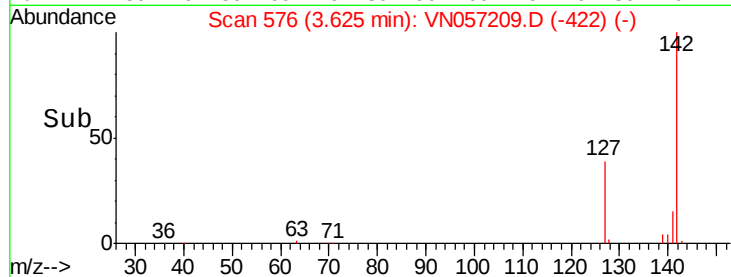
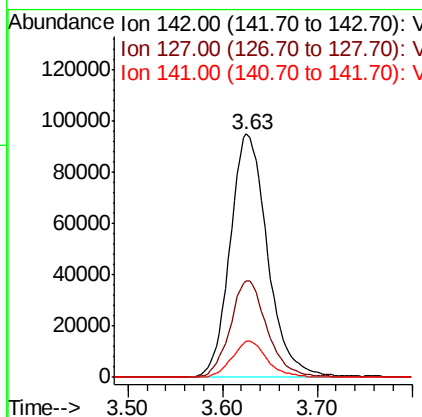
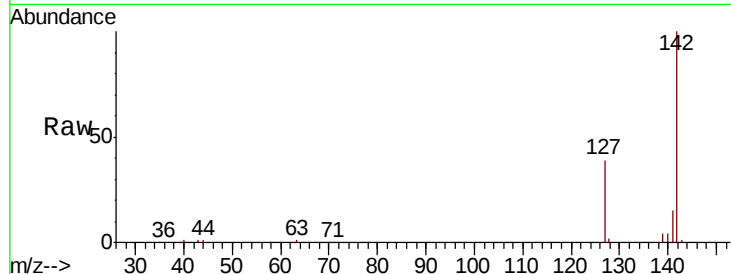




#11
Methyl Iodide
Concen: 18.329 ug/l
RT: 3.63 min Scan# 576
Delta R.T. -0.00 min
Lab File: VN057209.D
Acq: 12 Aug 2019 12:11

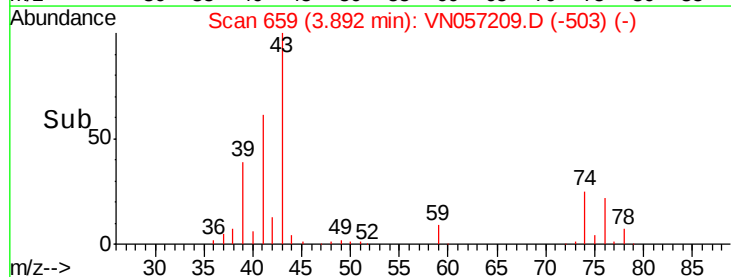
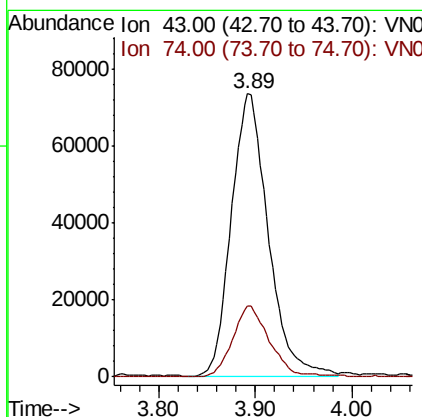
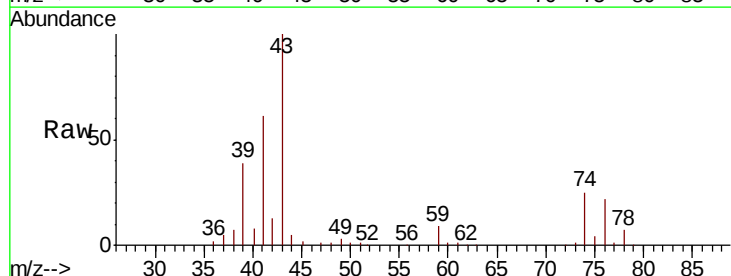
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

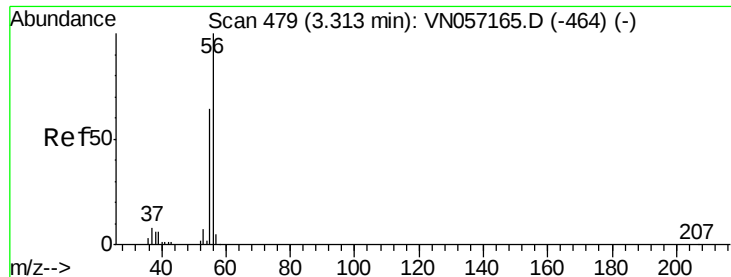
Tgt Ion: 142 Resp: 261630
Ion Ratio Lower Upper
142 100
127 39.4 19.0 57.0
141 14.7 7.8 23.5



#12
Methyl Acetate
Concen: 20.560 ug/l
RT: 3.89 min Scan# 659
Delta R.T. -0.00 min
Lab File: VN057209.D
Acq: 12 Aug 2019 12:11

Tgt Ion: 43 Resp: 195923
Ion Ratio Lower Upper
43 100
74 25.0 20.5 30.7





#13

Acrolein

Concen: 92.885 ug/l

RT: 3.31 min Scan# 477

Delta R.T. -0.01 min

Lab File: VN057209.D

Acq: 12 Aug 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

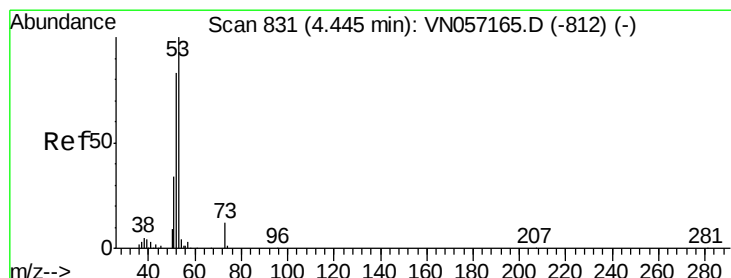
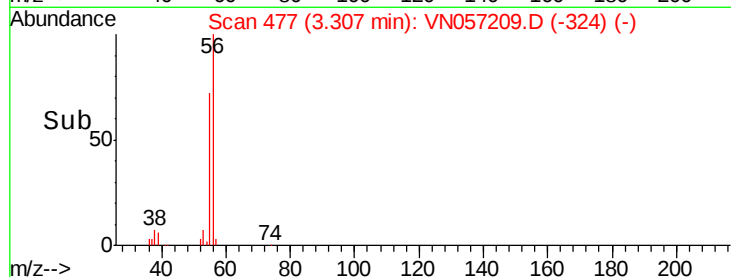
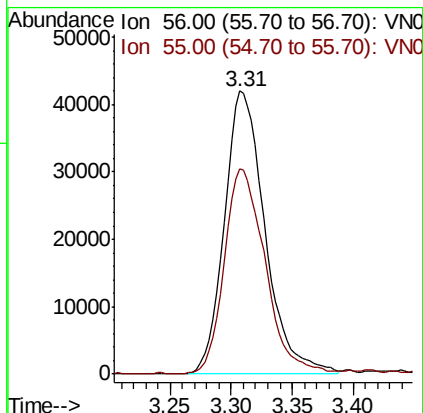
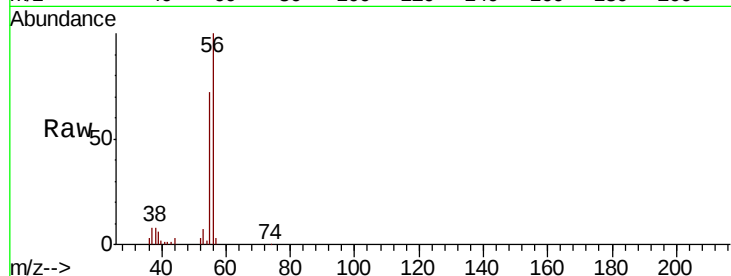
VSTDCCC020EC

Tgt Ion: 56 Resp: 97613

Ion Ratio Lower Upper

56 100

55 72.9 56.5 84.7



#14

Acrylonitrile

Concen: 95.548 ug/l

RT: 4.45 min Scan# 831

Delta R.T. -0.00 min

Lab File: VN057209.D

Acq: 12 Aug 2019 12:11

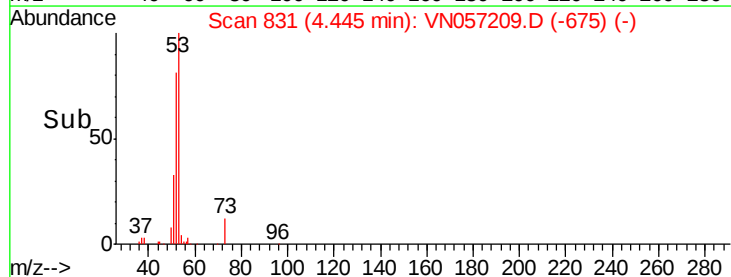
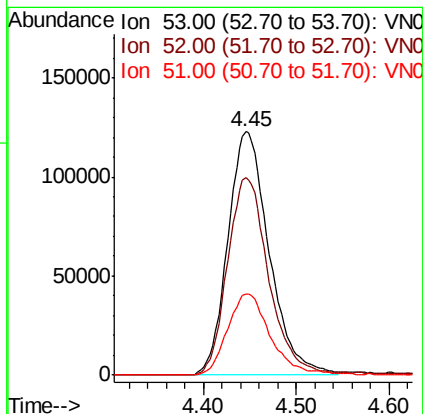
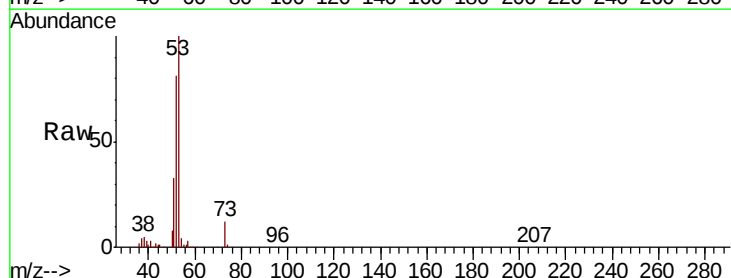
Tgt Ion: 53 Resp: 379868

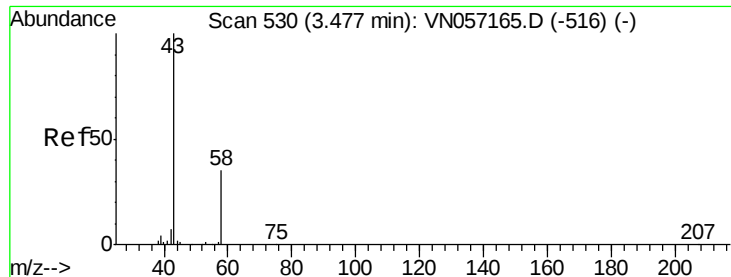
Ion Ratio Lower Upper

53 100

52 80.7 41.1 123.4

51 33.9 17.4 52.3





#15

Acetone

Concen: 79.092 ug/l

RT: 3.48 min Scan# 530

Delta R.T. -0.00 min

Lab File: VN057209.D

Acq: 12 Aug 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

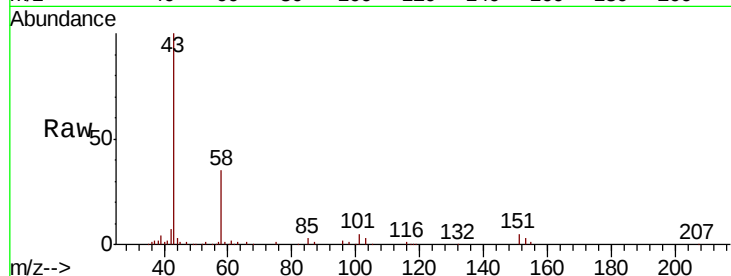
VSTDCCC020EC

Tgt Ion: 58 Resp: 104359

Ion Ratio Lower Upper

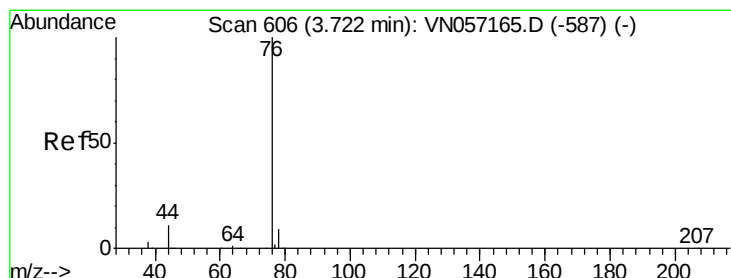
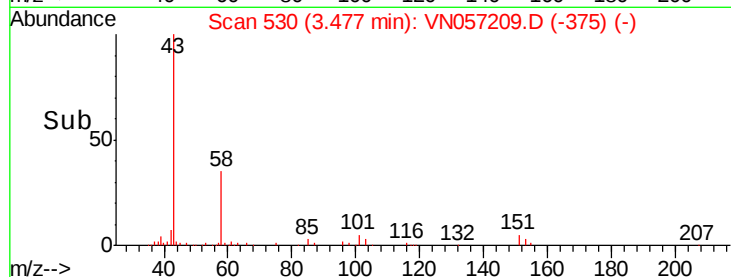
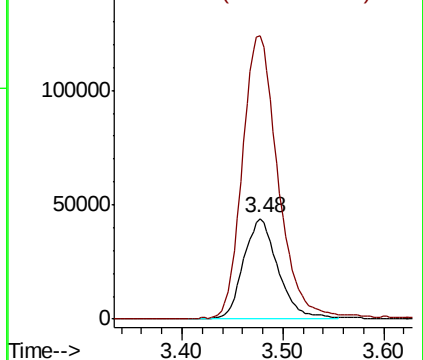
58 100

43 281.9 226.2 339.2



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 17.747 ug/l

RT: 3.72 min Scan# 606

Delta R.T. -0.00 min

Lab File: VN057209.D

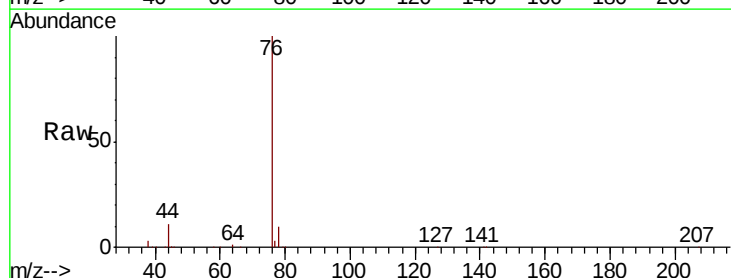
Acq: 12 Aug 2019 12:11

Tgt Ion: 76 Resp: 437978

Ion Ratio Lower Upper

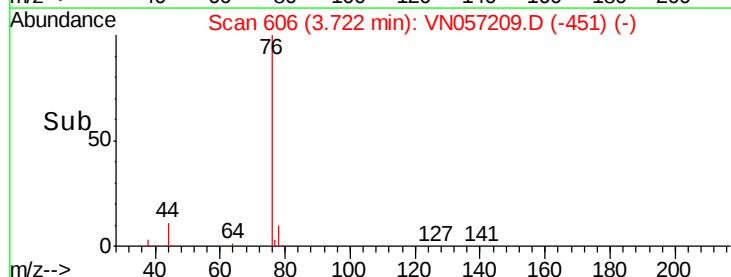
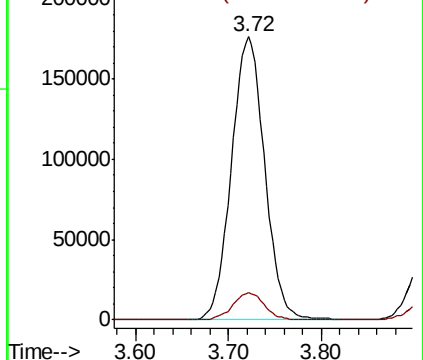
76 100

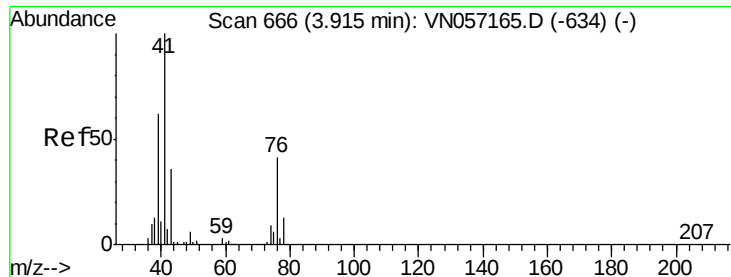
78 9.7 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#17

Allyl chloride

Concen: 17.357 ug/l

RT: 3.91 min Scan# 665

Delta R.T. -0.00 min

Lab File: VN057209.D

Acq: 12 Aug 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

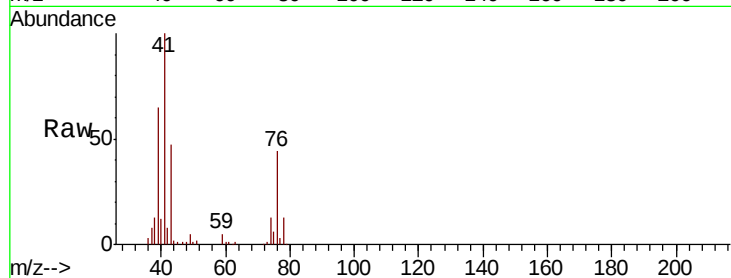
Tgt Ion: 41 Resp: 234073

Ion Ratio Lower Upper

41 100

39 65.5 31.2 93.6

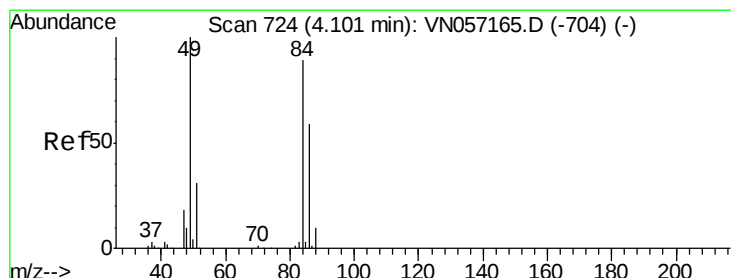
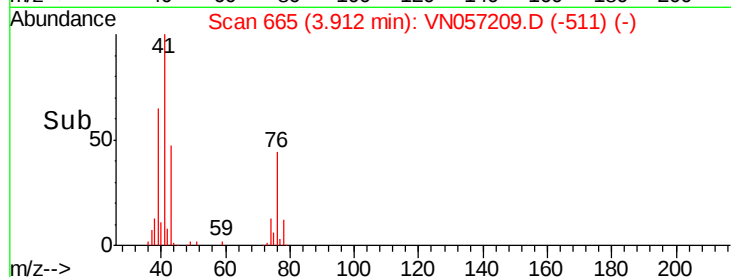
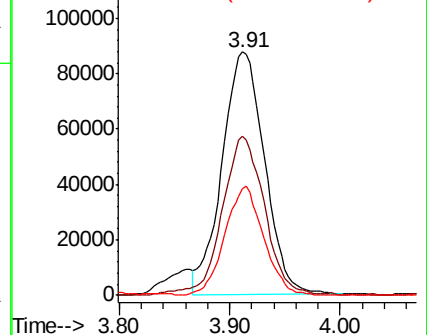
76 43.9 20.5 61.6



Abundance Ion 41.00 (40.70 to 41.70): VN057165.D (-634) (-)

Ion 39.00 (38.70 to 39.70): VN057165.D (-634) (-)

Ion 76.00 (75.70 to 76.70): VN057165.D (-634) (-)



#18

Methylene Chloride

Concen: 18.347 ug/l

RT: 4.10 min Scan# 723

Delta R.T. -0.00 min

Lab File: VN057209.D

Acq: 12 Aug 2019 12:11

Tgt Ion: 84 Resp: 190269

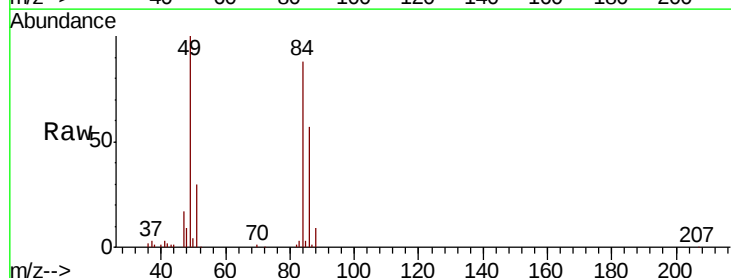
Ion Ratio Lower Upper

84 100

49 112.7 90.1 135.1

51 33.9 27.9 41.9

86 64.3 53.0 79.6

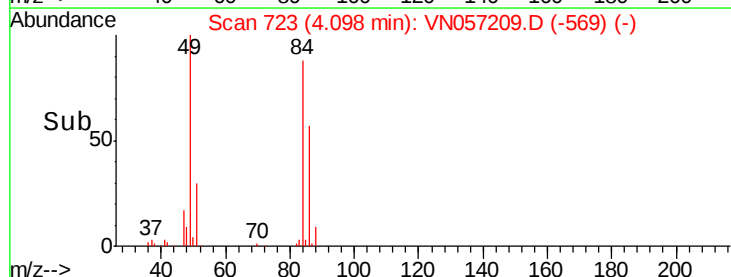
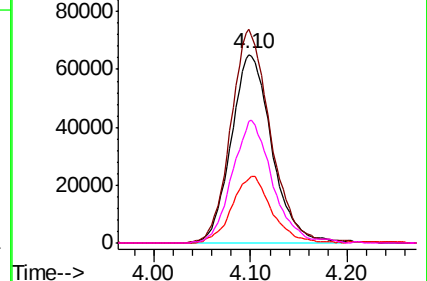


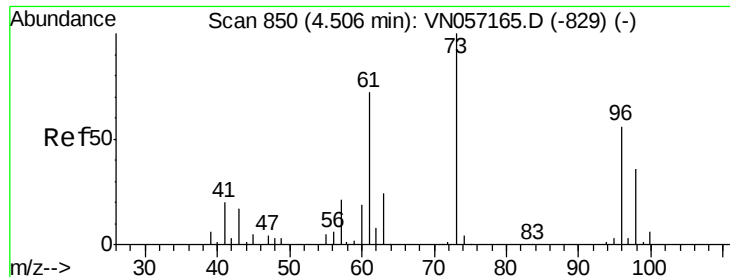
Abundance Ion 84.00 (83.70 to 84.70): VN057165.D (-704) (-)

Ion 49.00 (48.70 to 49.70): VN057165.D (-704) (-)

Ion 51.00 (50.70 to 51.70): VN057165.D (-704) (-)

Ion 86.00 (85.70 to 86.70): VN057165.D (-704) (-)





#19

trans-1,2-Dichloroethene

Concen: 17.900 ug/l

RT: 4.50 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN057209.D

Acq: 12 Aug 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

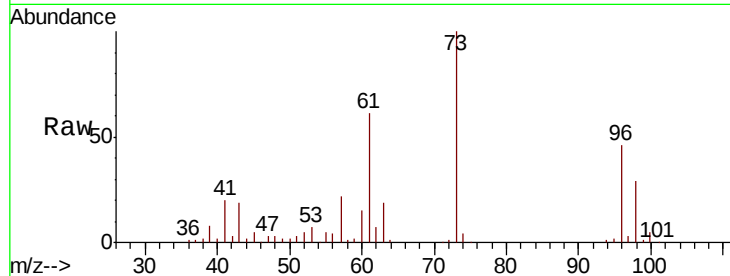
Tgt Ion: 96 Resp: 175548

Ion Ratio Lower Upper

96 100

61 131.5 103.6 155.4

98 63.2 51.3 76.9

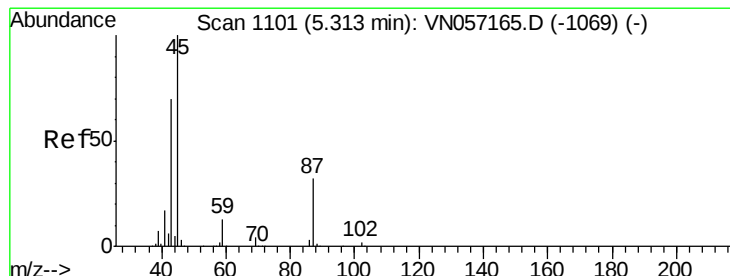
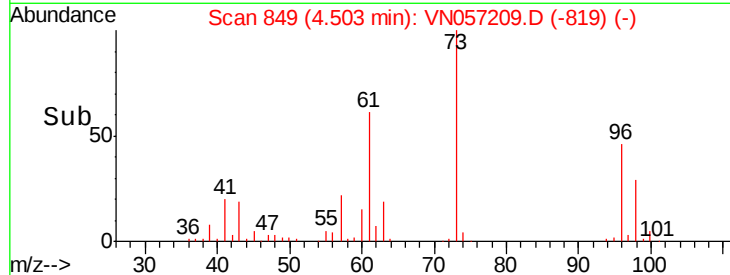
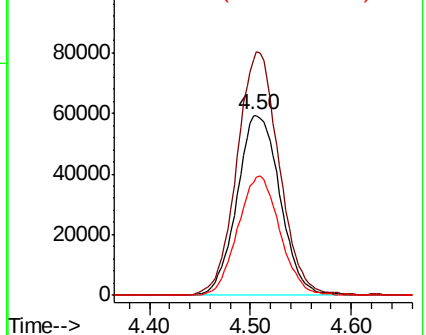


Abundance

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: 18.453 ug/l

RT: 5.32 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VN057209.D

Acq: 12 Aug 2019 12:11

Tgt Ion: 45 Resp: 507523

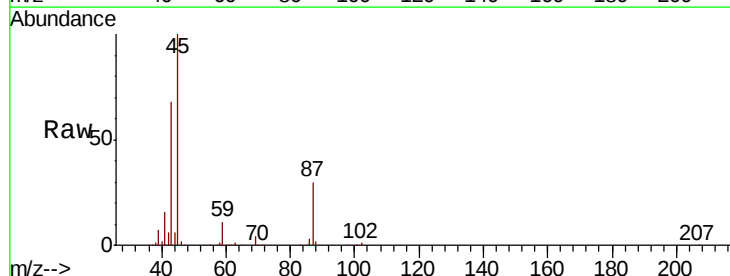
Ion Ratio Lower Upper

45 100

43 66.1 60.0 90.0

87 29.6 25.9 38.9

59 11.3 10.5 15.7



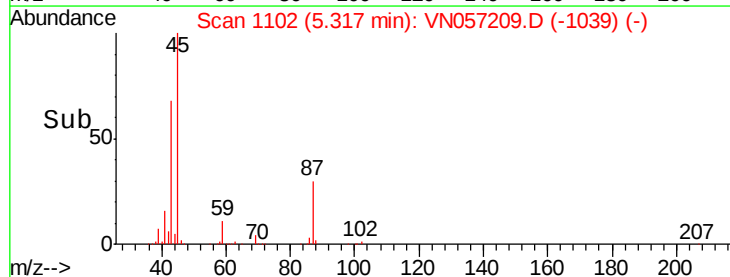
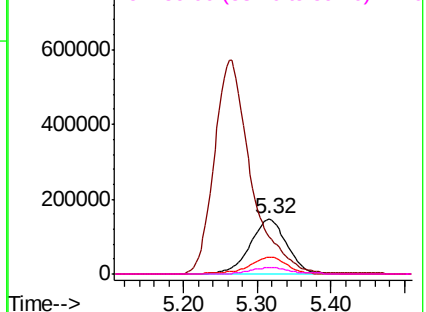
Abundance

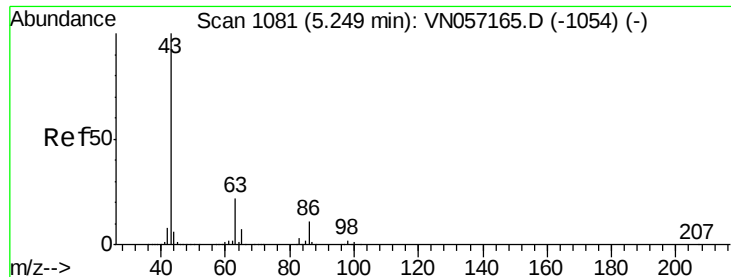
Ion 45.00 (44.70 to 45.70): VN0

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: 18.452 ug/l

RT: 5.25 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VN057209.D

Acq: 12 Aug 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

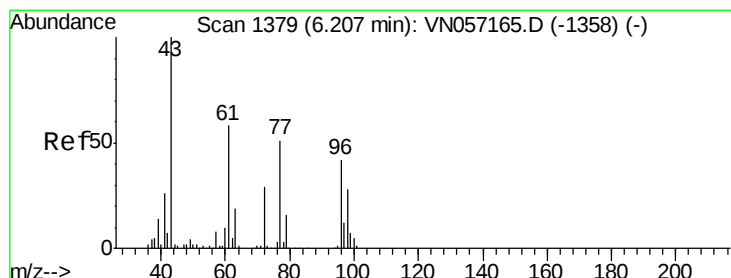
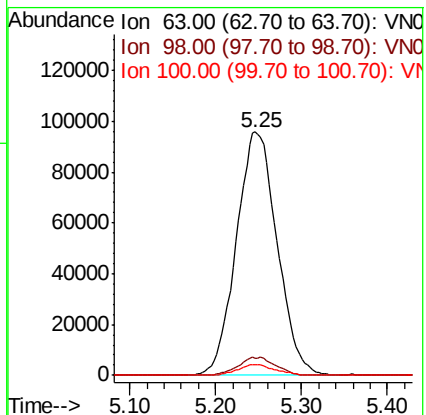
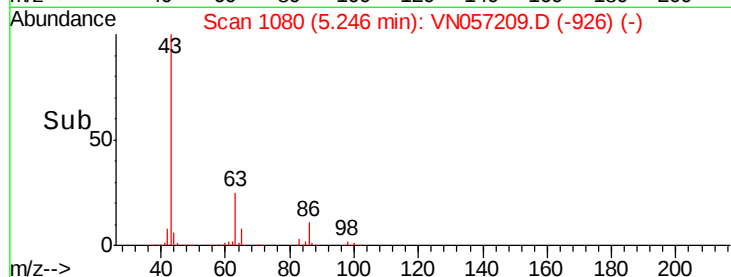
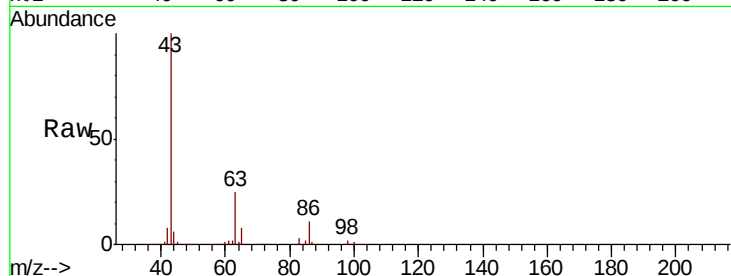
Tgt Ion: 63 Resp: 316089

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

100 4.5 1.9 5.7



#22

cis-1,2-Dichloroethene

Concen: 17.948 ug/l

RT: 6.21 min Scan# 1380

Delta R.T. 0.00 min

Lab File: VN057209.D

Acq: 12 Aug 2019 12:11

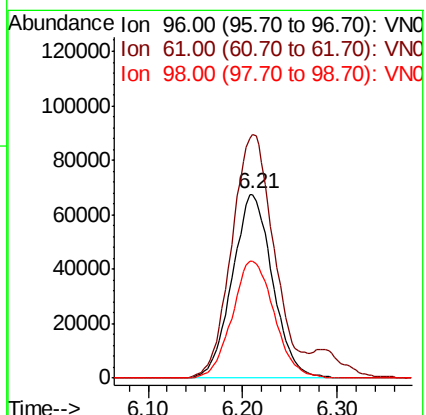
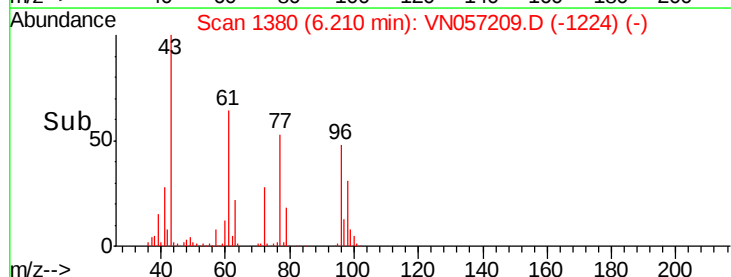
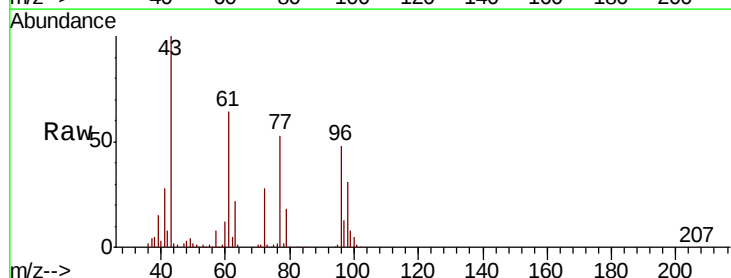
Tgt Ion: 96 Resp: 200337

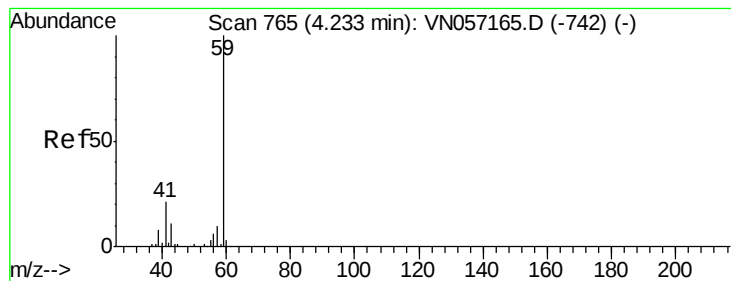
Ion Ratio Lower Upper

96 100

61 139.1 109.2 163.8

98 65.5 51.7 77.5





#23

tert-Butyl Alcohol

Concen: 96.639 ug/l

RT: 4.24 min Scan# 767

Delta R.T. 0.01 min

Lab File: VN057209.D

Acq: 12 Aug 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

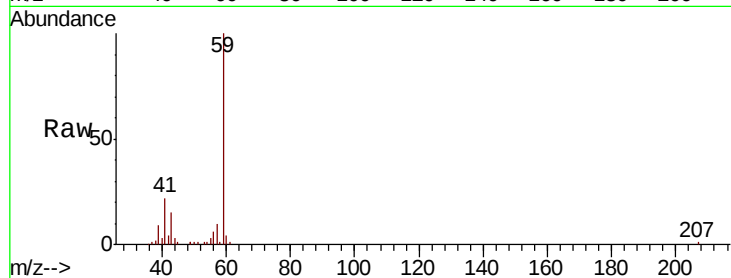
VSTDCCC020EC

Tgt Ion: 59 Resp: 126783

Ion Ratio Lower Upper

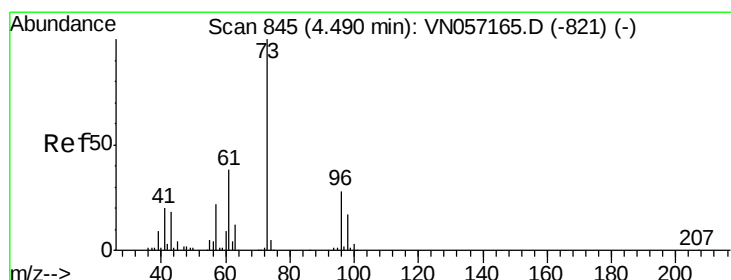
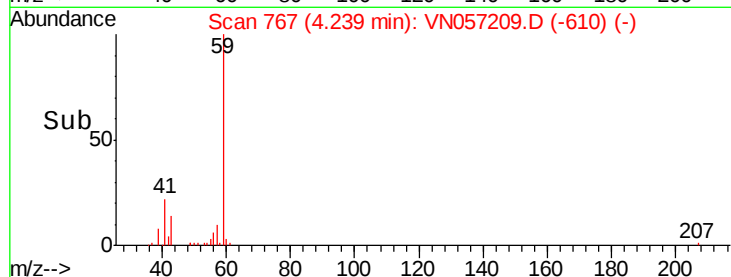
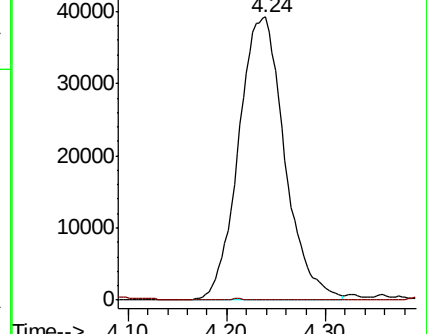
59 100

52 0.1 0.2 0.2#



Abundance Ion 59.00 (58.70 to 59.70): VN057165.D (-742) (-)

Ion 52.00 (51.70 to 52.70): VN057165.D (-742) (-)



#24

Methyl tert-Butyl Ether

Concen: 18.411 ug/l

RT: 4.49 min Scan# 845

Delta R.T. -0.00 min

Lab File: VN057209.D

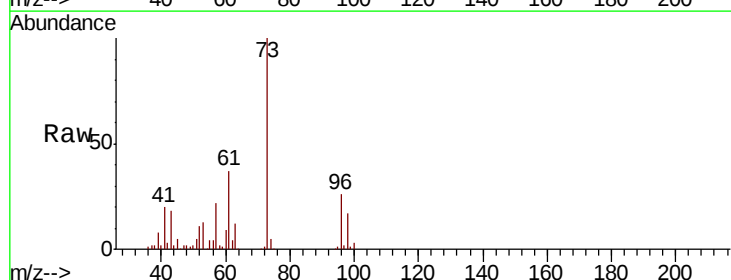
Acq: 12 Aug 2019 12:11

Tgt Ion: 73 Resp: 495244

Ion Ratio Lower Upper

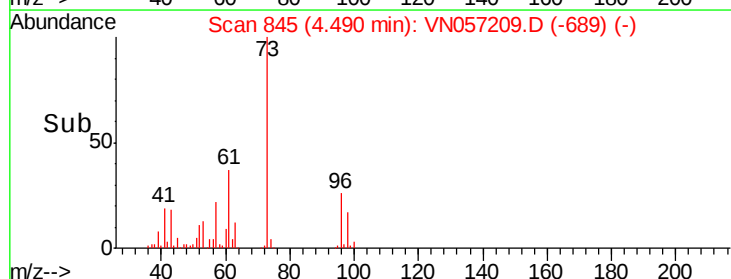
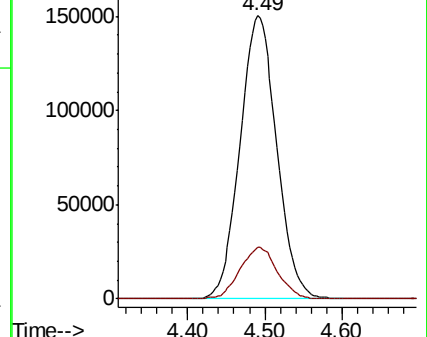
73 100

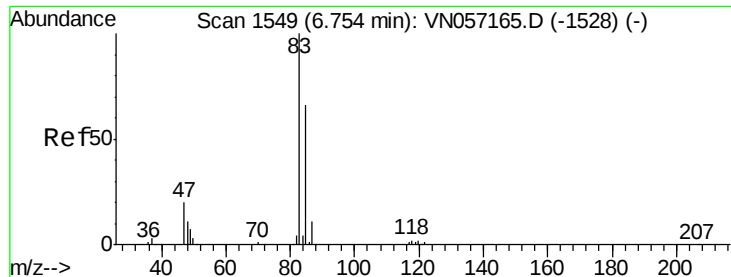
43 18.5 14.3 21.5



Abundance Ion 73.00 (72.70 to 73.70): VN057165.D (-821) (-)

Ion 43.00 (42.70 to 43.70): VN057165.D (-821) (-)





#25

Chloroform

Concen: 18.342 ug/l

RT: 6.76 min Scan# 1550

Delta R.T. 0.00 min

Lab File: VN057209.D

Acq: 12 Aug 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

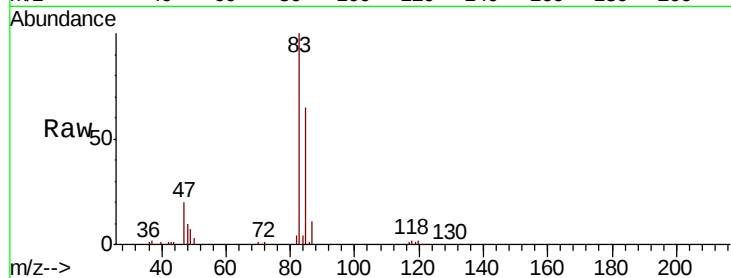
VSTDCCC020EC

Tgt Ion: 83 Resp: 323084

Ion Ratio Lower Upper

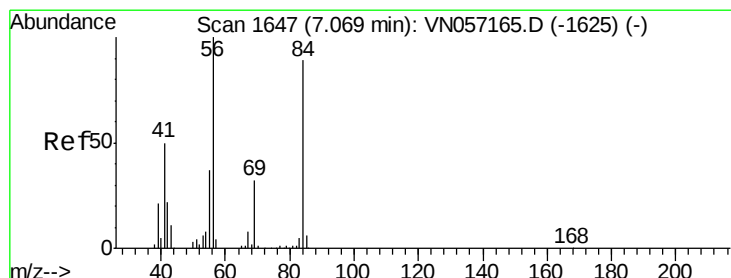
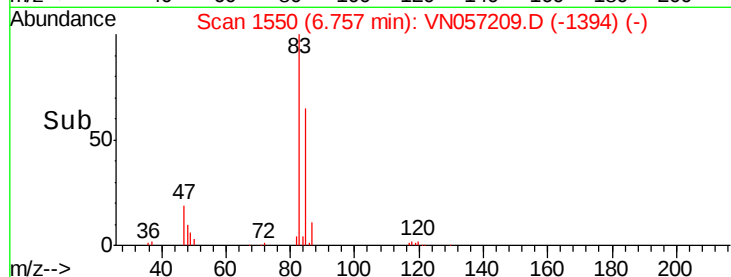
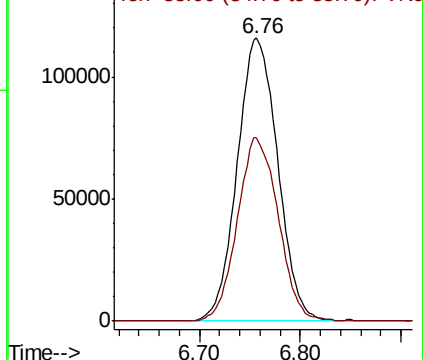
83 100

85 64.7 52.5 78.7



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0



#26

Cyclohexane

Concen: 17.537 ug/l

RT: 7.07 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VN057209.D

Acq: 12 Aug 2019 12:11

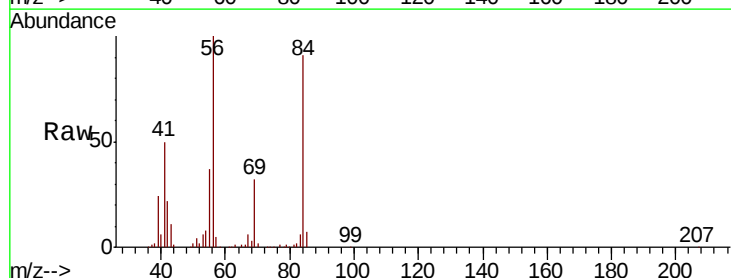
Tgt Ion: 56 Resp: 256812

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

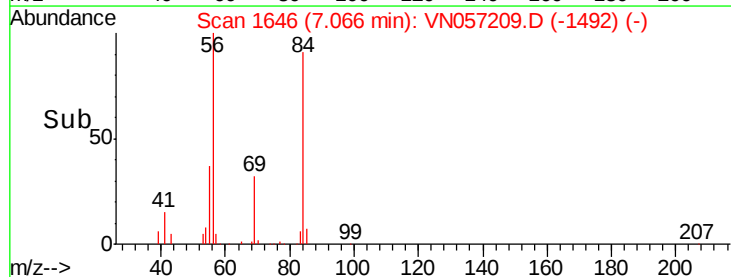
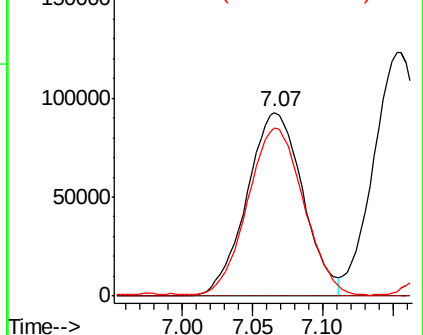
84 92.1 70.8 106.2

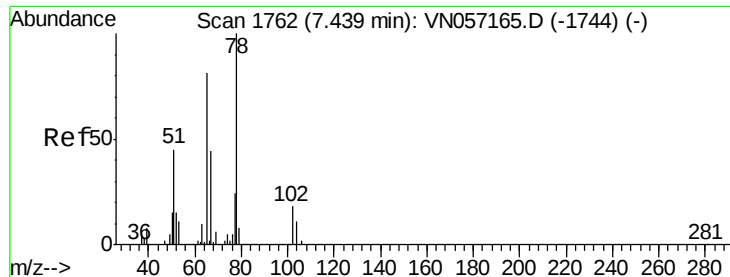


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 89.00 (88.70 to 89.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#27

1,2-Dichloroethane-d4

Concen: 30.035 ug/l

RT: 7.44 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VN057209.D

Acq: 12 Aug 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

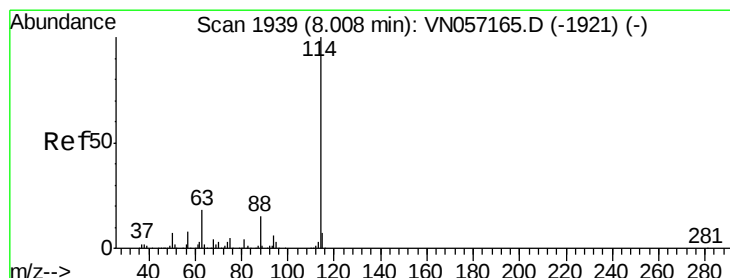
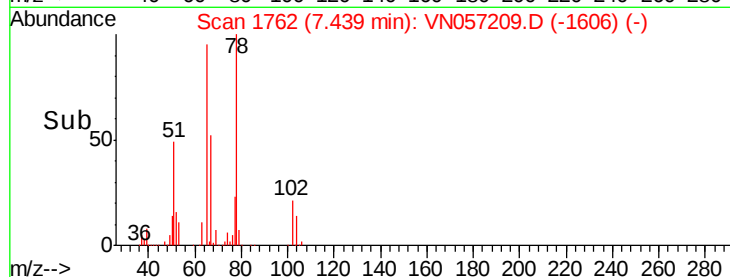
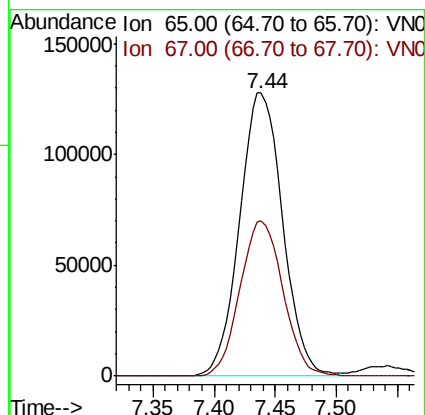
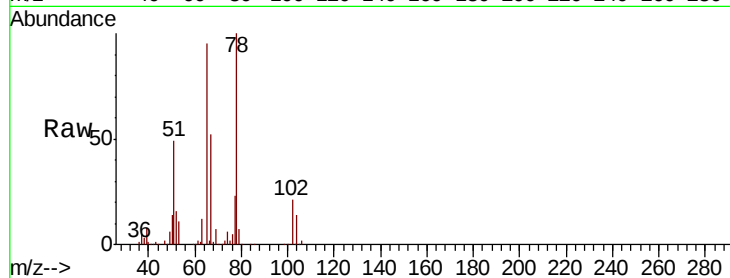
VSTDCCC020EC

Tgt Ion: 65 Resp: 312448

Ion Ratio Lower Upper

65 100

67 54.8 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: VN057209.D

Acq: 12 Aug 2019 12:11

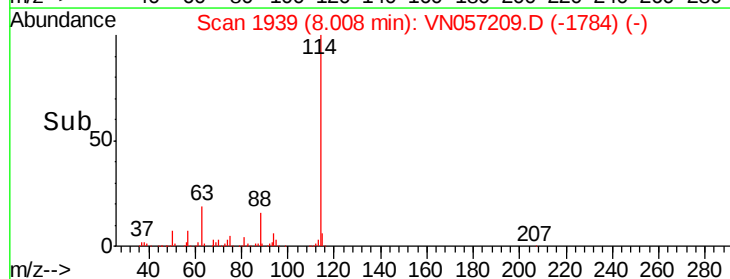
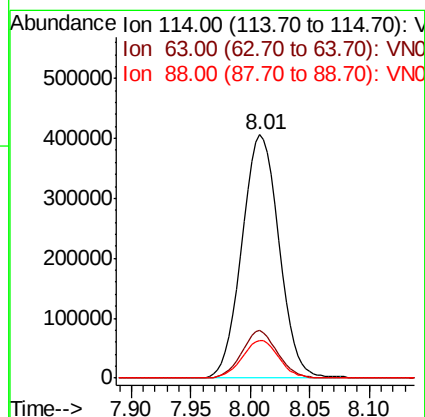
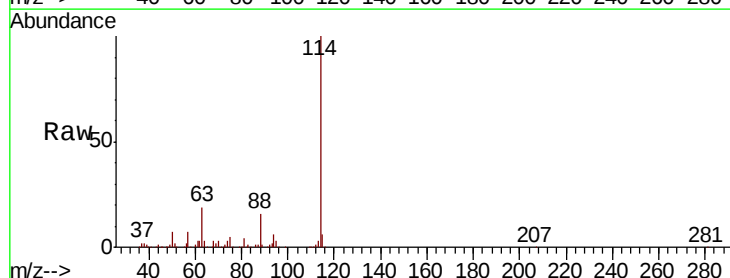
Tgt Ion: 114 Resp: 879422

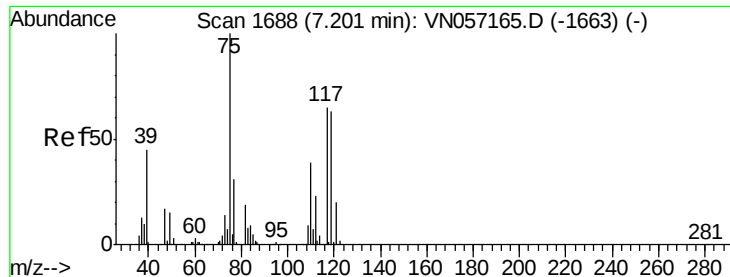
Ion Ratio Lower Upper

114 100

63 18.6 14.6 21.8

88 15.1 12.2 18.2





#29

1,1-Dichloropropene

Concen: 17.879 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VN057209.D

Acq: 12 Aug 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

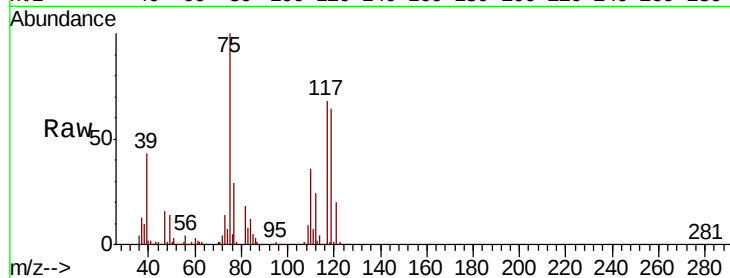
Tgt Ion: 75 Resp: 236450

Ion Ratio Lower Upper

75 100

110 38.5 0.0 75.6

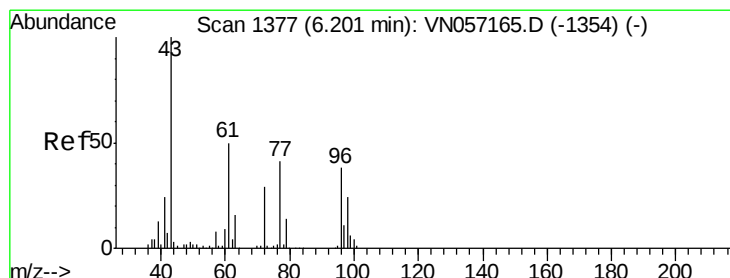
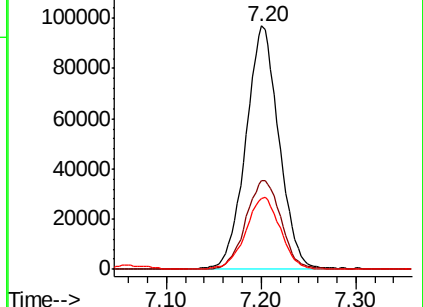
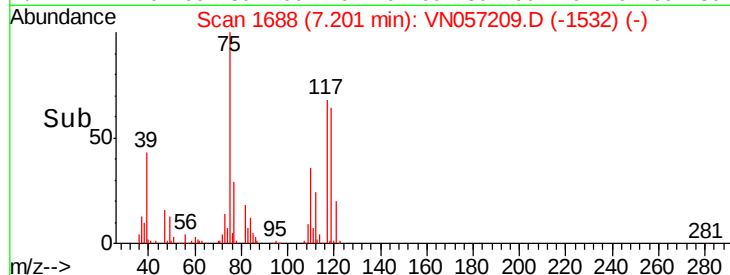
77 30.7 0.0 62.4



Abundance Ion 75.00 (74.70 to 75.70): VN057209.D (-1532) (-)

Ion 110.00 (109.70 to 110.70): VN057209.D (-1532) (-)

Ion 77.00 (76.70 to 77.70): VN057209.D (-1532) (-)



#30

2-Butanone

Concen: 88.657 ug/l

RT: 6.20 min Scan# 1377

Delta R.T. -0.00 min

Lab File: VN057209.D

Acq: 12 Aug 2019 12:11

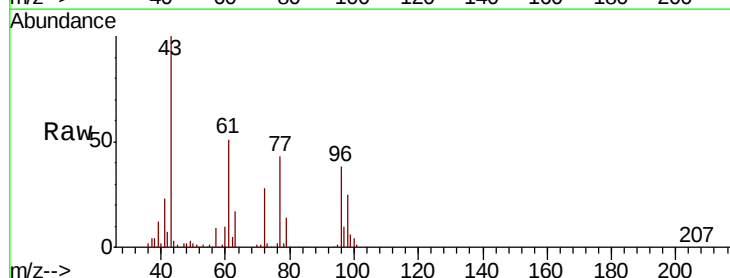
Tgt Ion: 43 Resp: 461610

Ion Ratio Lower Upper

43 100

57 8.6 6.8 10.2

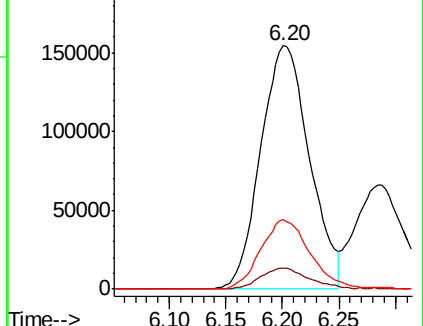
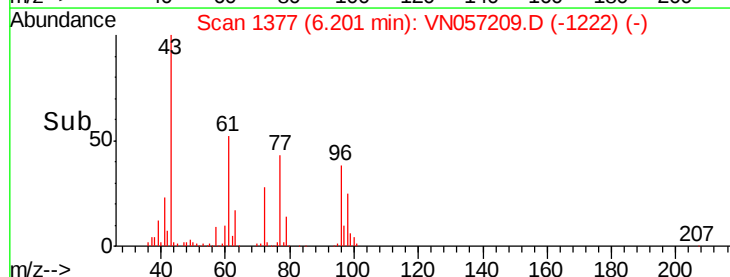
72 29.0 23.0 34.6

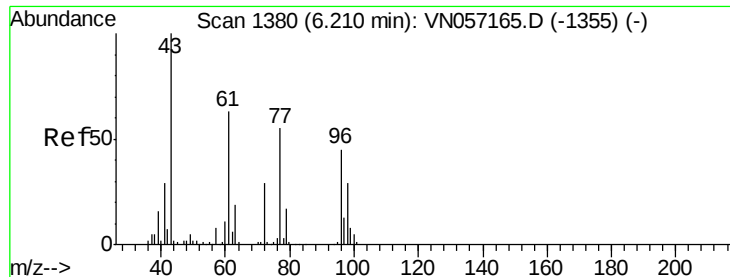


Abundance Ion 43.00 (42.70 to 43.70): VN057209.D (-1222) (-)

Ion 57.00 (56.70 to 57.70): VN057209.D (-1222) (-)

Ion 72.00 (71.70 to 72.70): VN057209.D (-1222) (-)





#31

2,2-Dichloropropane

Concen: 17.429 ug/l

RT: 6.21 min Scan# 1380

Delta R.T. -0.00 min

Lab File: VN057209.D

Acq: 12 Aug 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

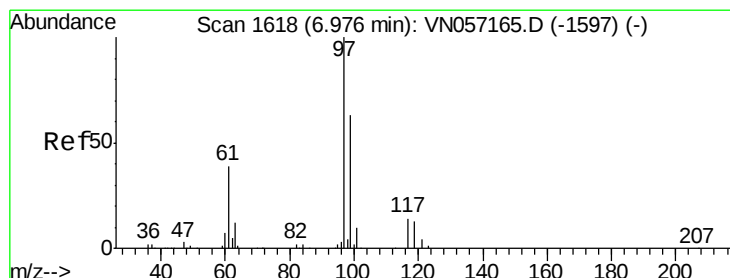
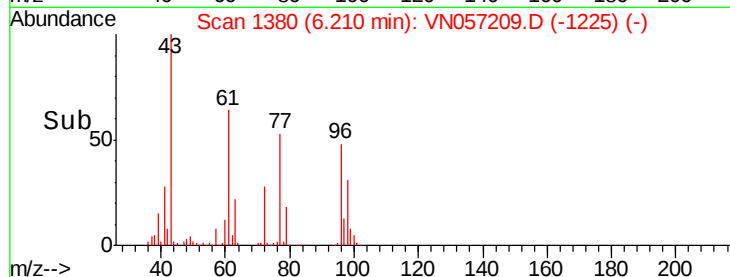
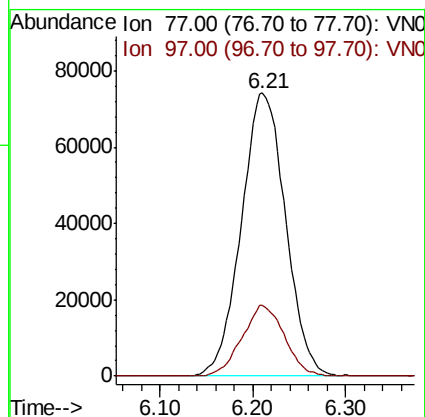
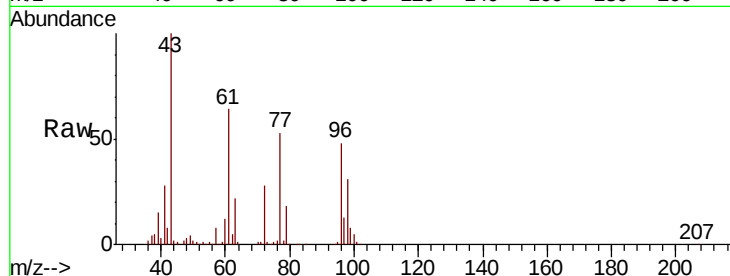
VSTDCCC020EC

Tgt Ion: 77 Resp: 246434

Ion Ratio Lower Upper

77 100

97 24.1 19.4 29.2



#32

1,1,1-Trichloroethane

Concen: 18.313 ug/l

RT: 6.98 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VN057209.D

Acq: 12 Aug 2019 12:11

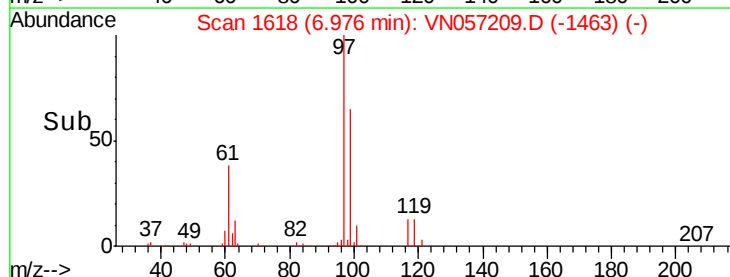
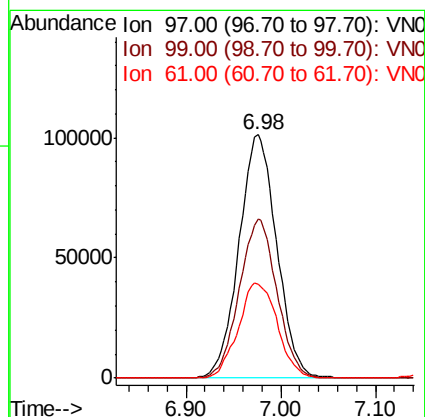
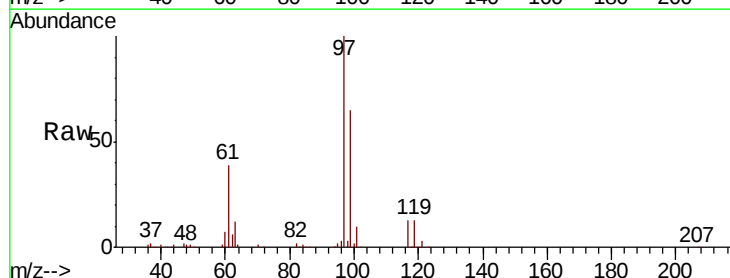
Tgt Ion: 97 Resp: 280471

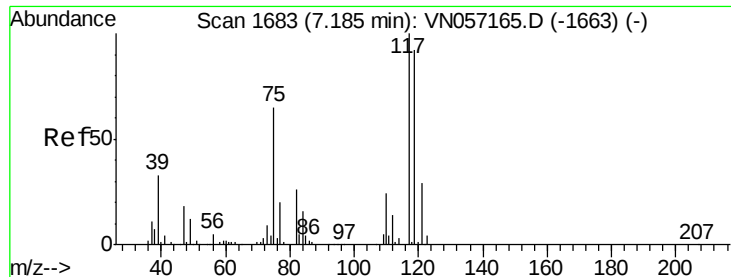
Ion Ratio Lower Upper

97 100

99 65.1 52.4 78.6

61 40.3 32.3 48.5

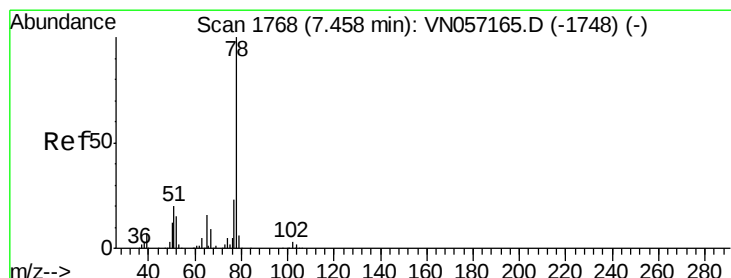
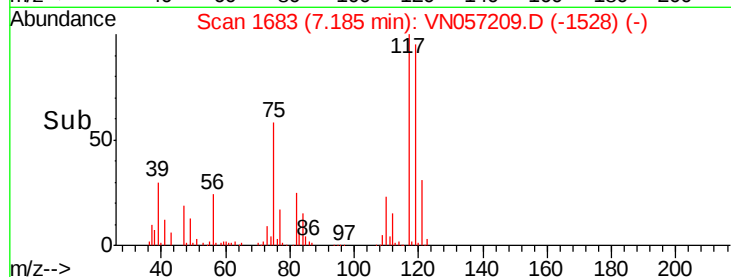
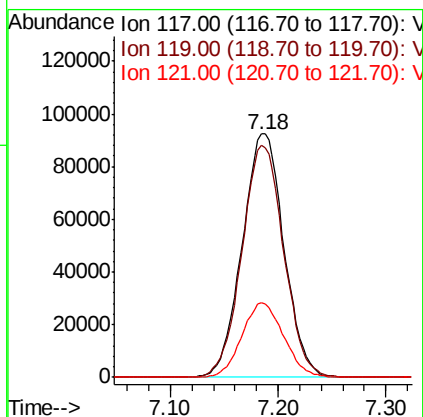
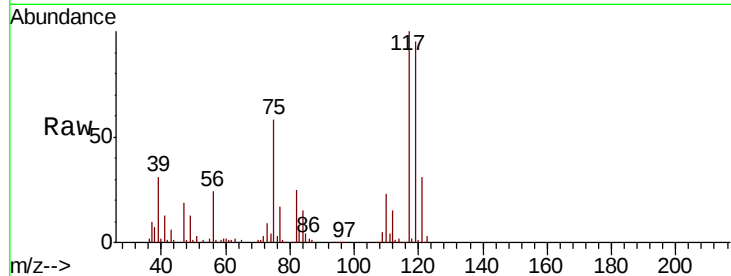




#33
Carbon Tetrachloride
Concen: 18.244 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN057209.D
Acq: 12 Aug 2019 12:11

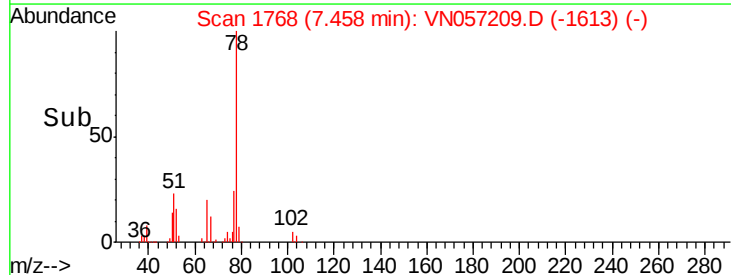
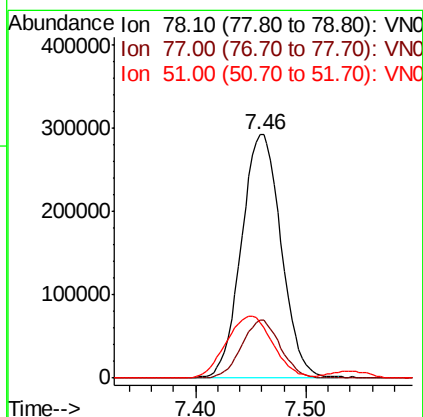
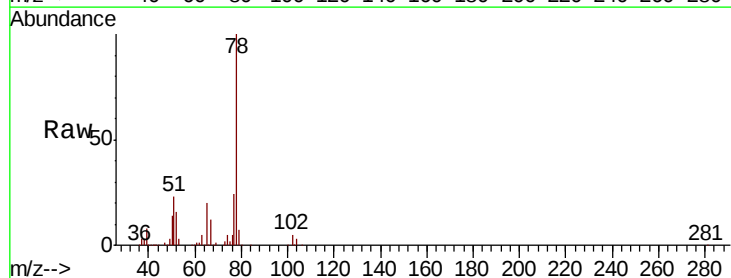
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

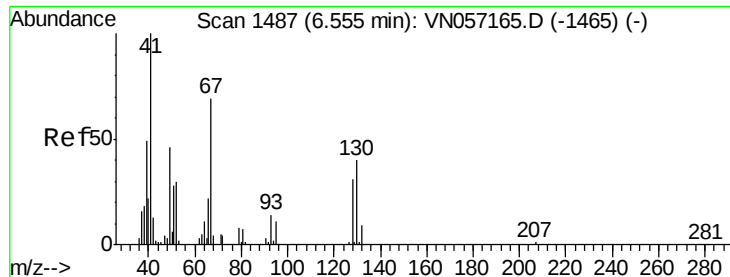
Tgt Ion: 117 Resp: 248733
Ion Ratio Lower Upper
117 100
119 95.2 73.9 110.9
121 30.9 23.4 35.2



#34
Benzene
Concen: 18.052 ug/l
RT: 7.46 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VN057209.D
Acq: 12 Aug 2019 12:11

Tgt Ion: 78 Resp: 728754
Ion Ratio Lower Upper
78 100
77 23.6 18.3 27.5
51 22.7 16.2 24.2

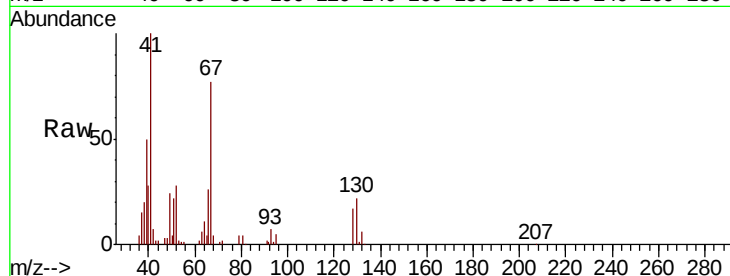




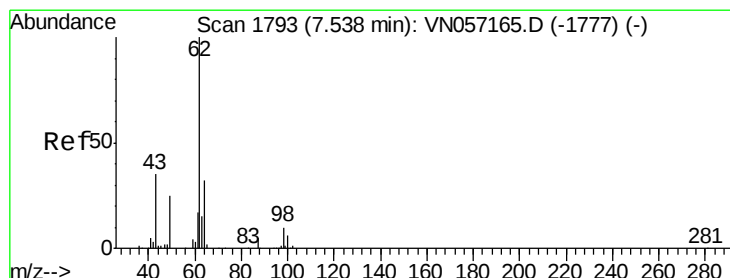
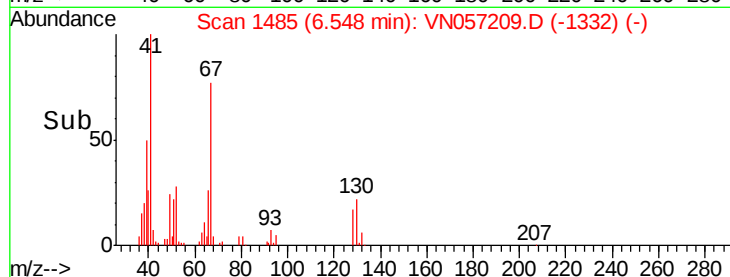
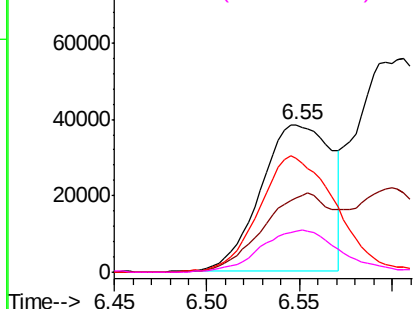
#35
Methacrylonitrile
Concen: 19.370 ug/l
RT: 6.55 min Scan# 1485
Delta R.T. -0.01 min
Lab File: VN057209.D
Acq: 12 Aug 2019 12:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:	41	Resp:	101928
Ion	Ratio	Lower	Upper
41	100		
39	50.0	24.6	74.0
67	77.2	34.4	103.2
52	27.6	14.9	44.5

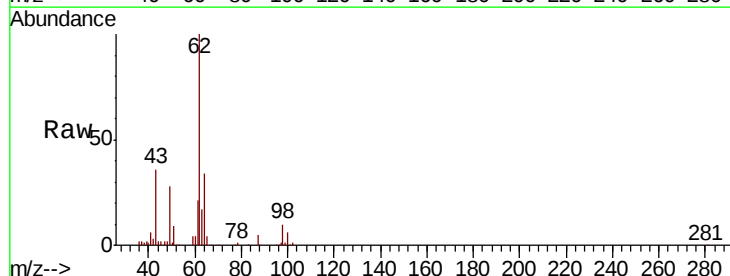


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

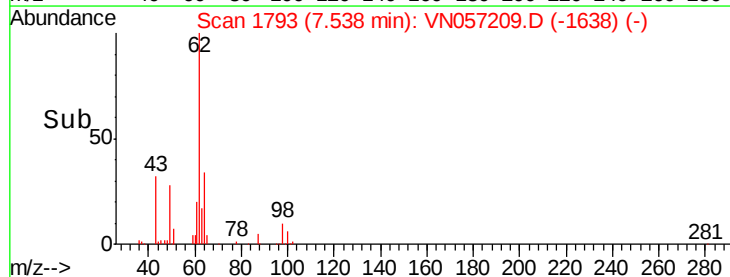
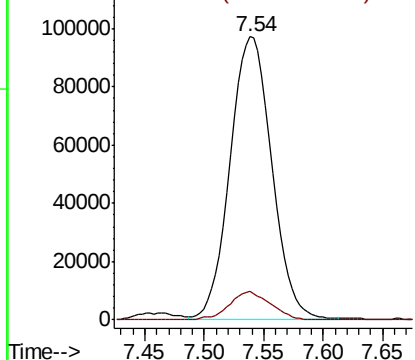


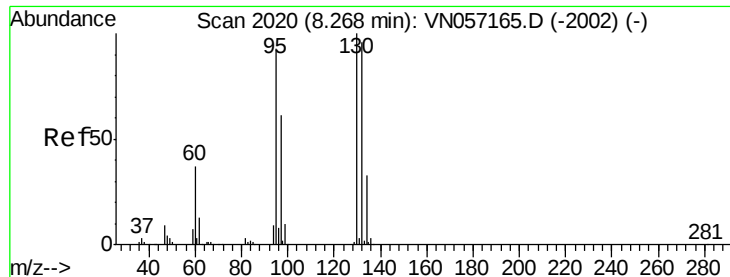
#36
1,2-Dichloroethane
Concen: 18.406 ug/l
RT: 7.54 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VN057209.D
Acq: 12 Aug 2019 12:11

Tgt Ion:	62	Resp:	237382
Ion	Ratio	Lower	Upper
62	100		
98	9.9	8.2	12.4



Abundance Ion 62.00 (61.70 to 62.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

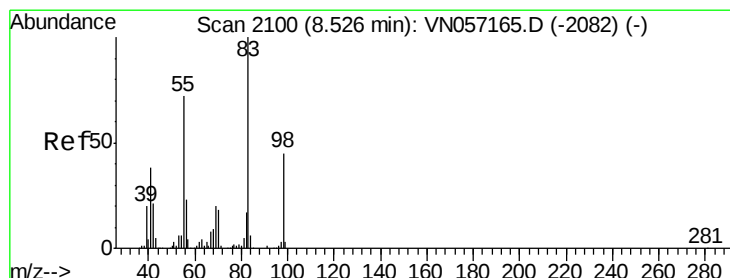
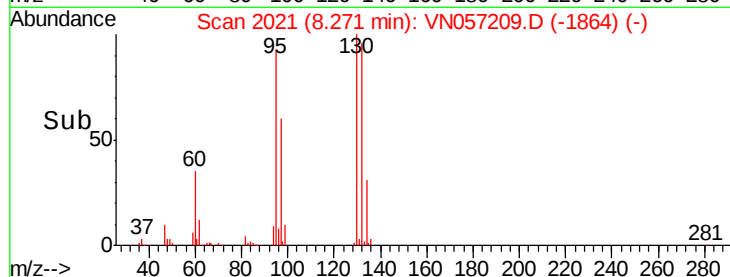
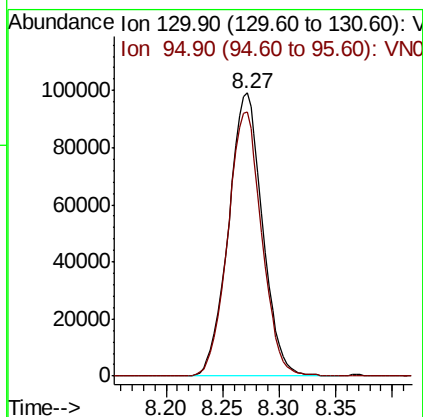
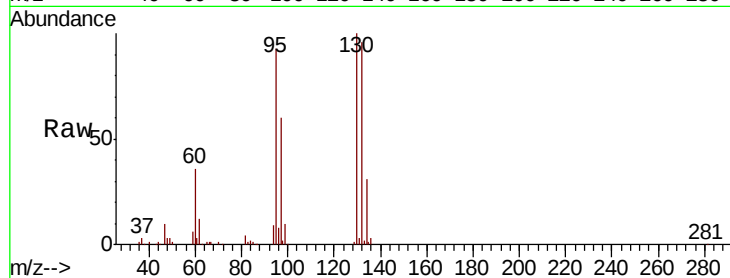




#37
 Trichloroethene
 Concen: 18.095 ug/l
 RT: 8.27 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: VN057209.D
 Acq: 12 Aug 2019 12:11

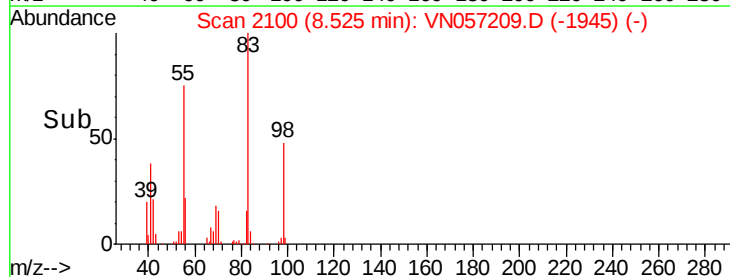
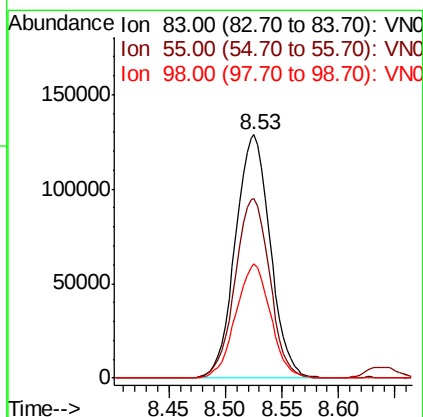
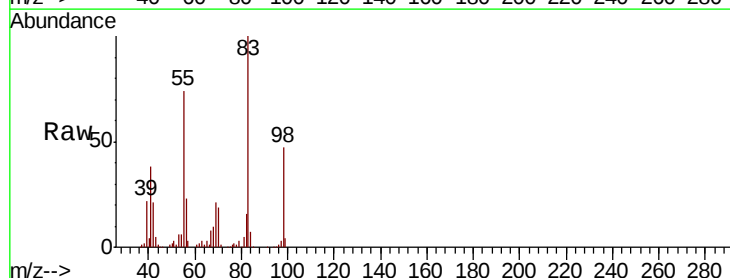
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

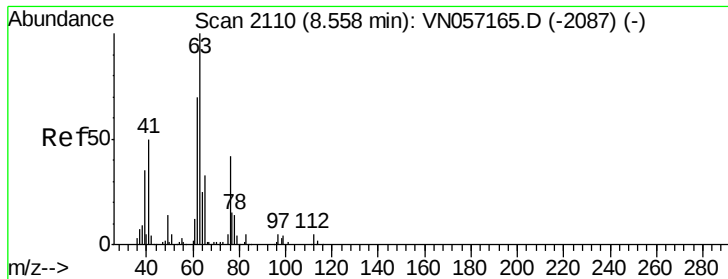
Tgt Ion: 130 Resp: 207575
 Ion Ratio Lower Upper
 130 100
 95 93.0 74.6 112.0



#38
 Methylcyclohexane
 Concen: 17.551 ug/l
 RT: 8.53 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: VN057209.D
 Acq: 12 Aug 2019 12:11

Tgt Ion: 83 Resp: 276987
 Ion Ratio Lower Upper
 83 100
 55 73.3 36.5 109.7
 98 46.7 23.4 70.0





#39

1,2-Dichloropropane

Concen: 17.905 ug/l

RT: 8.56 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VN057209.D

Acq: 12 Aug 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

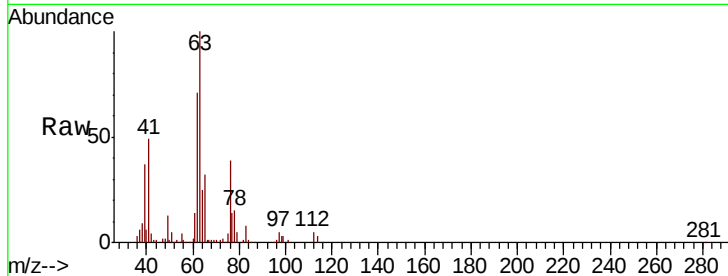
VSTDCCC020EC

Tgt Ion: 63 Resp: 186315

Ion Ratio Lower Upper

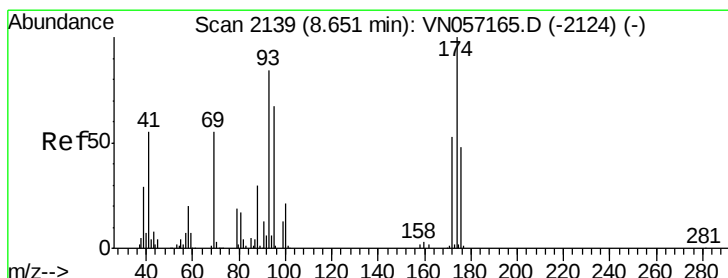
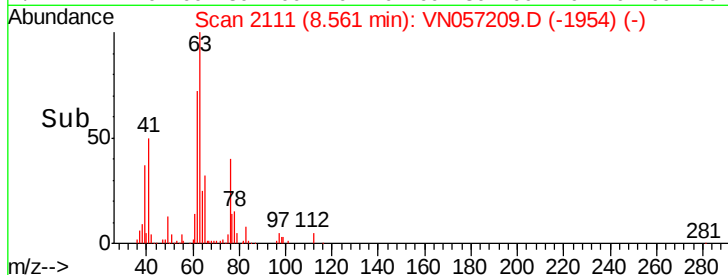
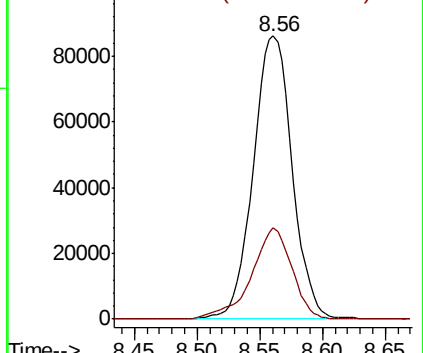
63 100

65 32.1 26.2 39.4



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0



#40

Dibromomethane

Concen: 18.548 ug/l

RT: 8.65 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VN057209.D

Acq: 12 Aug 2019 12:11

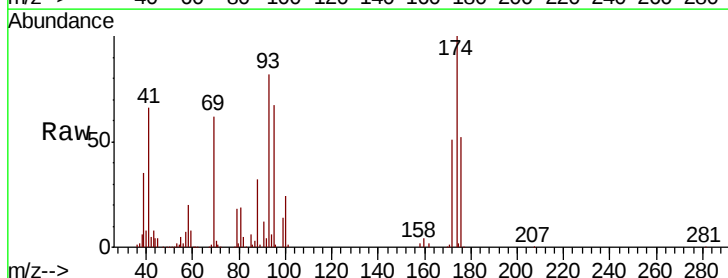
Tgt Ion: 93 Resp: 124250

Ion Ratio Lower Upper

93 100

95 84.5 0.0 165.0

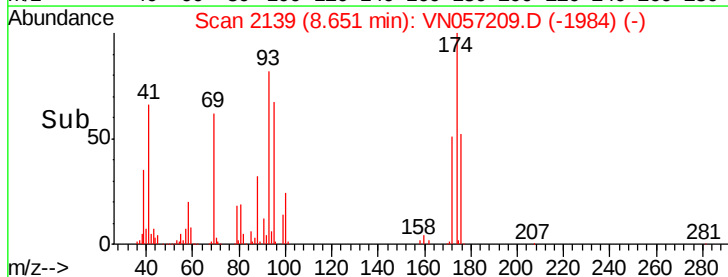
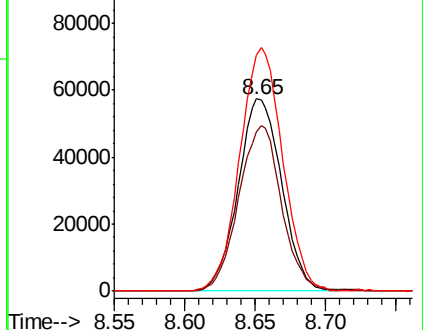
174 124.4 0.0 245.4

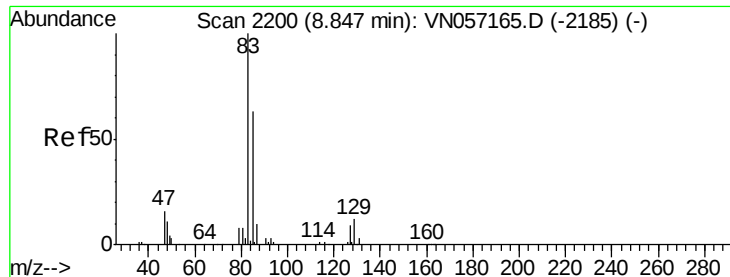


Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 18.179 ug/l

RT: 8.85 min Scan# 2201

Delta R.T. 0.00 min

Lab File: VN057209.D

Acq: 12 Aug 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

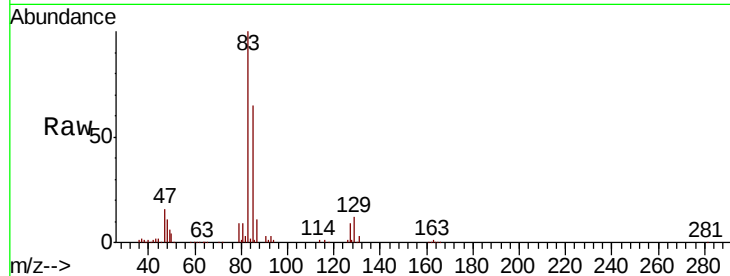
Tgt Ion: 83 Resp: 242152

Ion Ratio Lower Upper

83 100

85 64.7 50.6 76.0

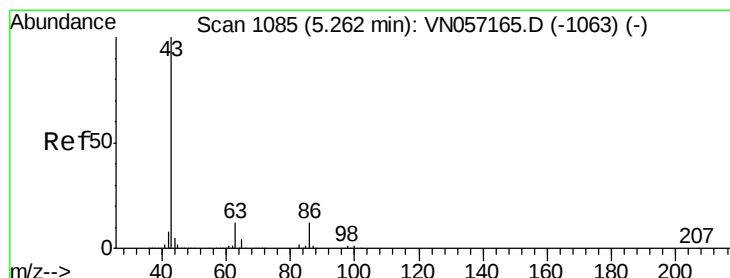
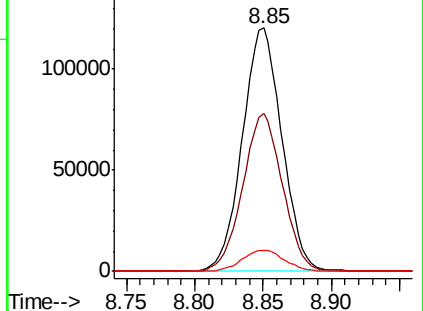
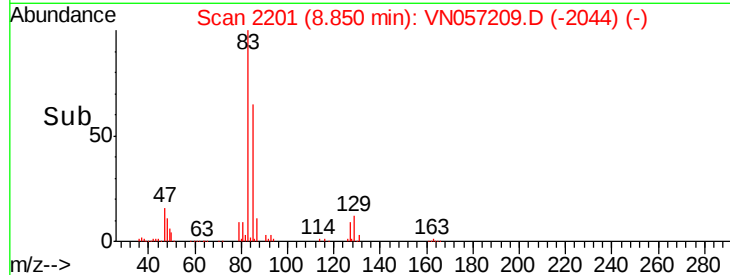
127 8.8 7.0 10.6



Abundance Ion 83.00 (82.70 to 83.70): VN057209.D (-2044) (-)

Ion 85.00 (84.70 to 85.70): VN057209.D (-2044) (-)

Ion 127.00 (126.70 to 127.70): VN057209.D (-2044) (-)



#42

Vinyl Acetate

Concen: 91.415 ug/l

RT: 5.26 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VN057209.D

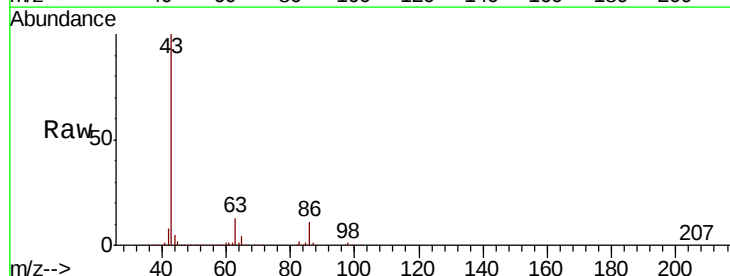
Acq: 12 Aug 2019 12:11

Tgt Ion: 43 Resp: 1978714

Ion Ratio Lower Upper

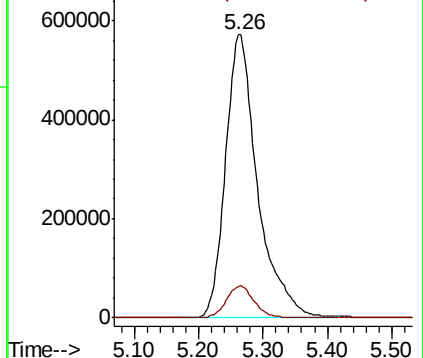
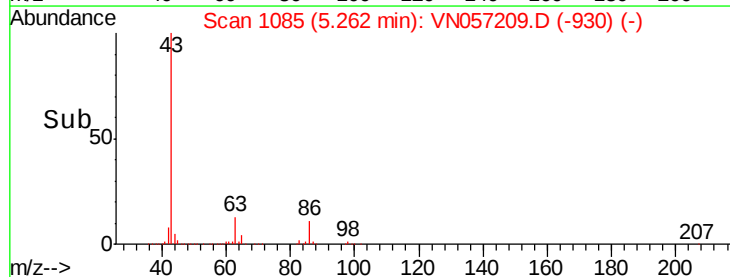
43 100

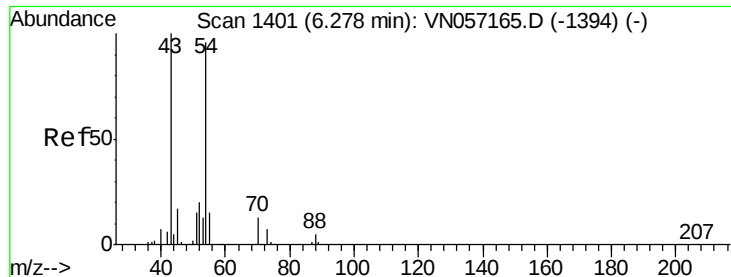
86 9.9 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN057209.D (-930) (-)

Ion 86.00 (85.70 to 86.70): VN057209.D (-930) (-)

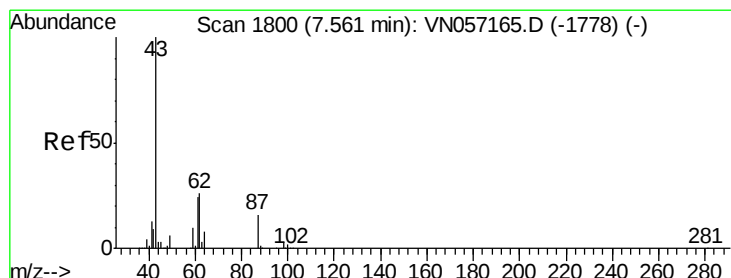
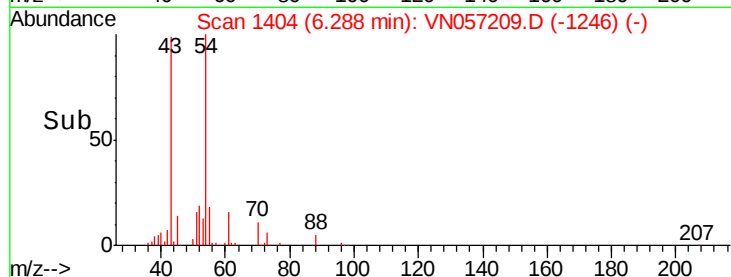
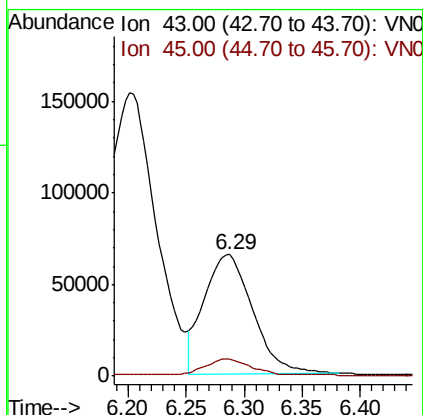
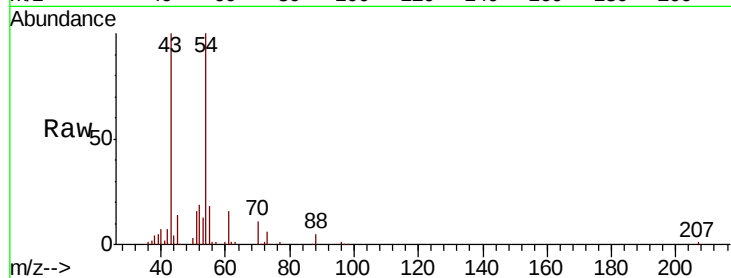




#43
Ethyl Acetate
Concen: 19.941 ug/l
RT: 6.29 min Scan# 1404
Delta R.T. 0.01 min
Lab File: VN057209.D
Acq: 12 Aug 2019 12:11

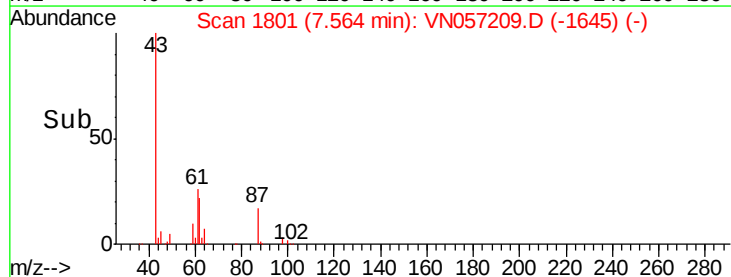
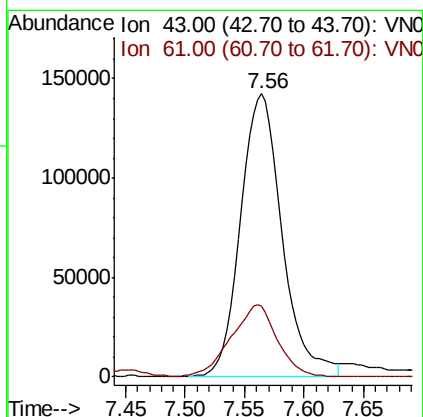
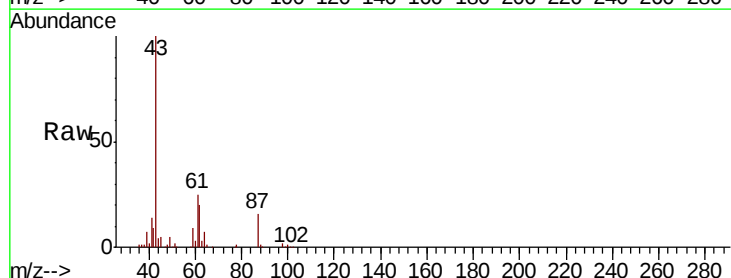
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

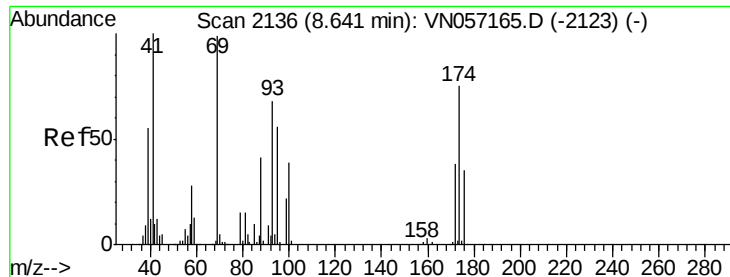
Tgt Ion: 43 Resp: 191490
Ion Ratio Lower Upper
43 100
45 12.0 10.1 15.1



#44
Isopropyl Acetate
Concen: 19.613 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN057209.D
Acq: 12 Aug 2019 12:11

Tgt Ion: 43 Resp: 341965
Ion Ratio Lower Upper
43 100
61 28.1 22.2 33.4





#45

1,4-Dioxane

Concen: 384.510 ug/l

RT: 8.64 min Scan# 2136

Delta R.T. -0.00 min

Lab File: VN057209.D

Acq: 12 Aug 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

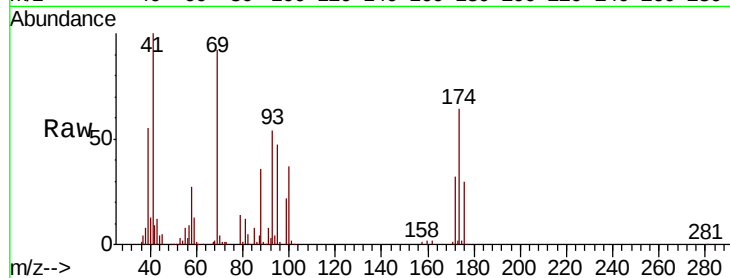
Tgt Ion: 88 Resp: 62562

Ion Ratio Lower Upper

88 100

43 26.7 20.5 30.7

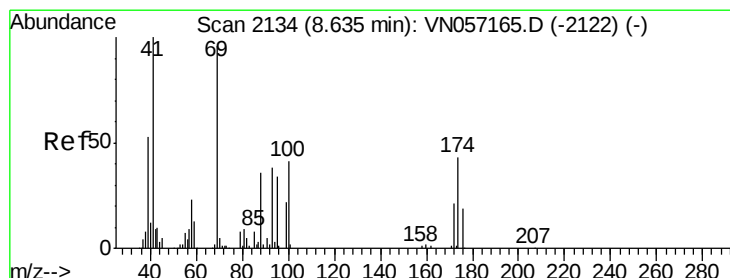
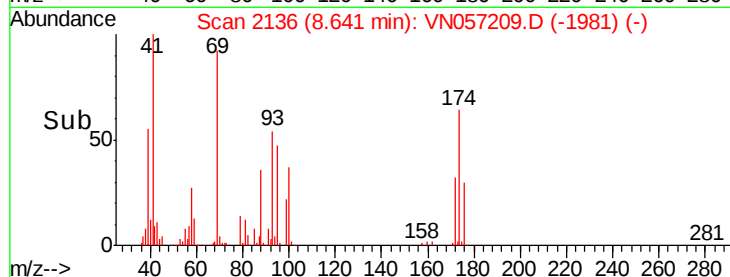
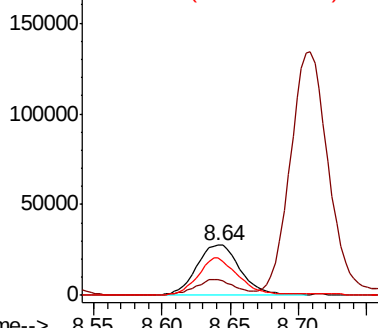
58 67.2 53.8 80.8



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#46

Methyl methacrylate

Concen: 18.801 ug/l

RT: 8.64 min Scan# 2135

Delta R.T. 0.00 min

Lab File: VN057209.D

Acq: 12 Aug 2019 12:11

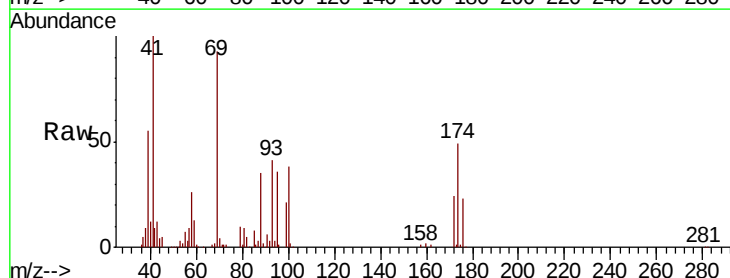
Tgt Ion: 41 Resp: 149462

Ion Ratio Lower Upper

41 100

69 94.6 48.1 144.4

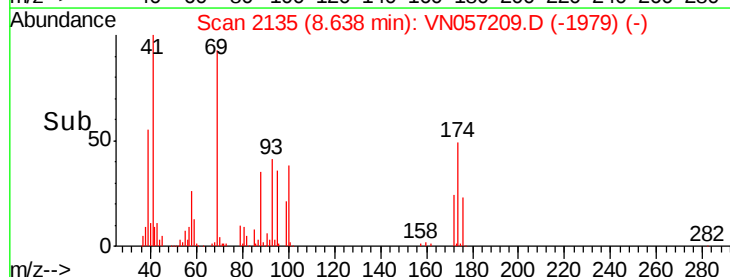
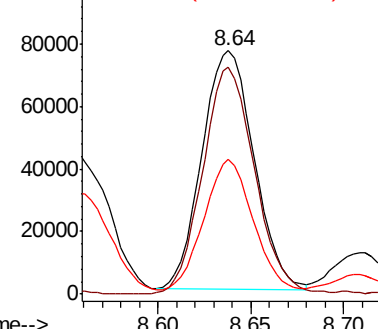
39 54.7 26.5 79.5

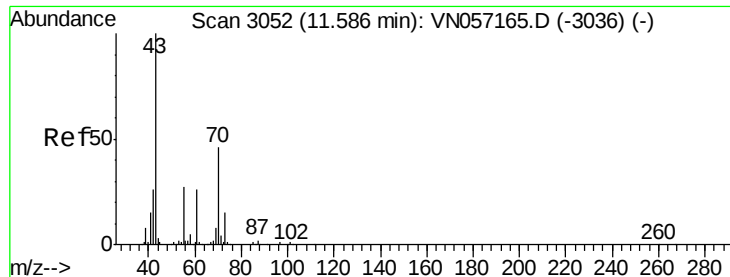


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

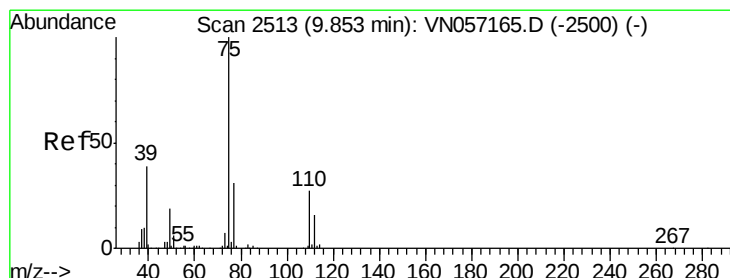
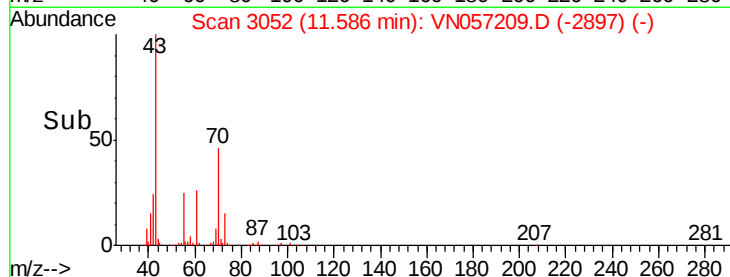
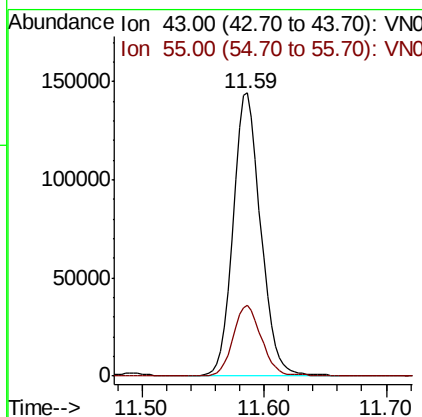
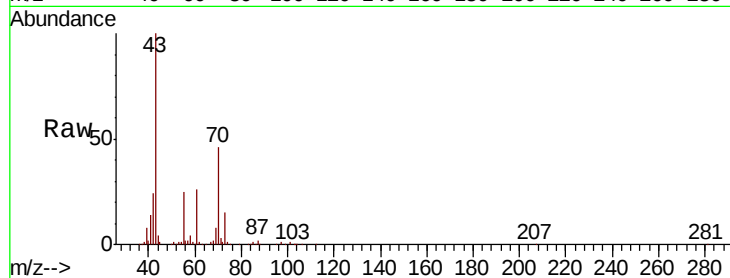




#47
n-amy1 Acetate
Concen: 17.661 ug/l
RT: 11.59 min Scan# 3052
Delta R.T. -0.00 min
Lab File: VN057209.D
Acq: 12 Aug 2019 12:11

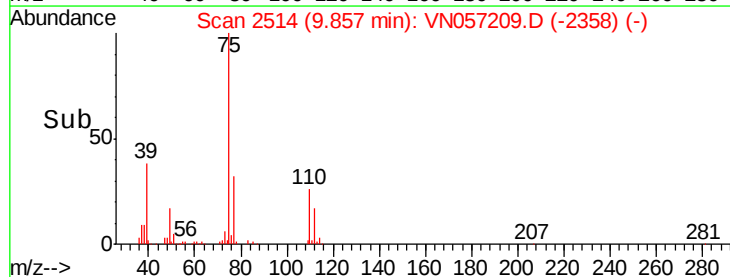
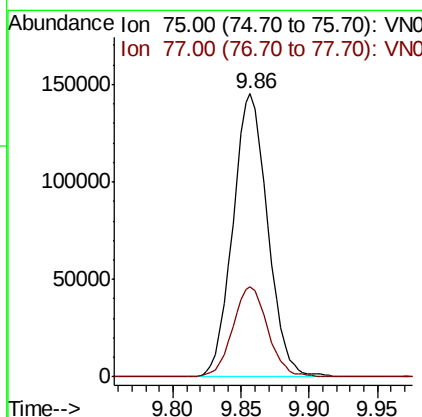
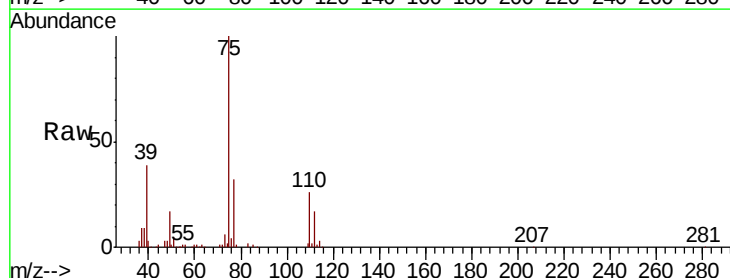
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

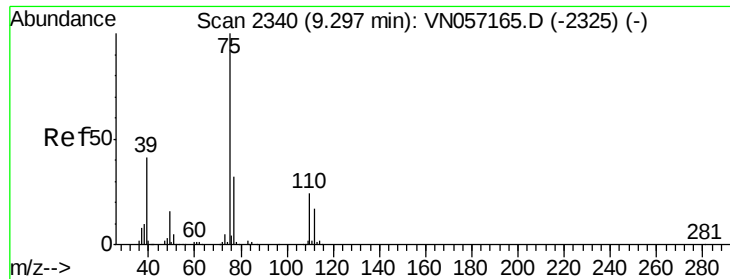
Tgt Ion: 43 Resp: 226542
Ion Ratio Lower Upper
43 100
55 25.4 20.7 31.1



#48
t-1,3-Dichloropropene
Concen: 18.096 ug/l
RT: 9.86 min Scan# 2514
Delta R.T. 0.00 min
Lab File: VN057209.D
Acq: 12 Aug 2019 12:11

Tgt Ion: 75 Resp: 257027
Ion Ratio Lower Upper
75 100
77 31.9 24.9 37.3



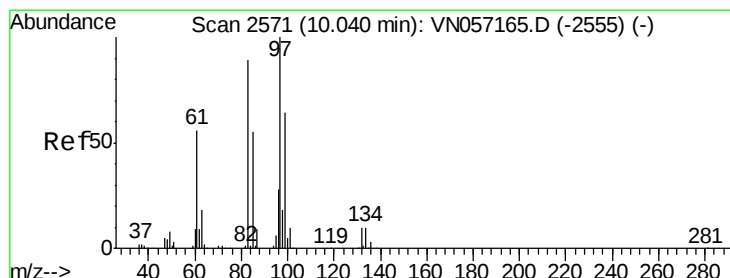
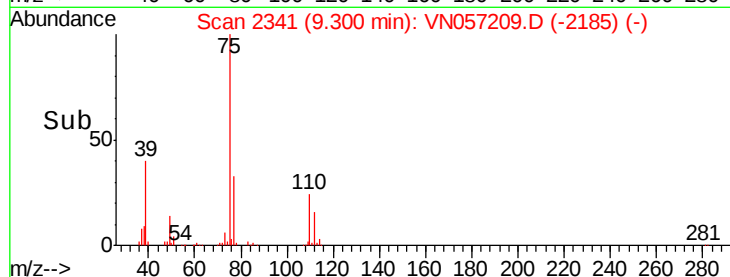
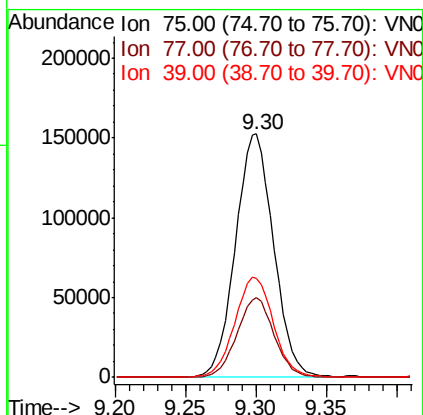
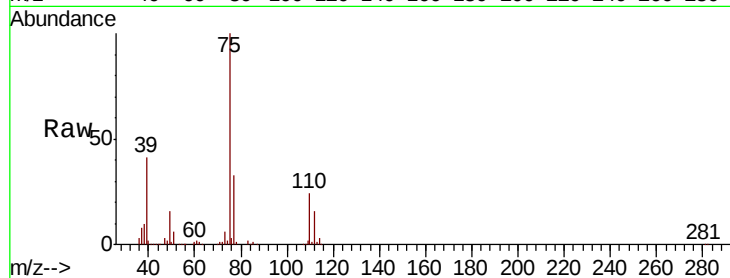


#49

cis-1,3-Dichloropropene
Concen: 17.946 ug/l
RT: 9.30 min Scan# 2341
Delta R.T. 0.00 min
Lab File: VN057209.D
Acq: 12 Aug 2019 12:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

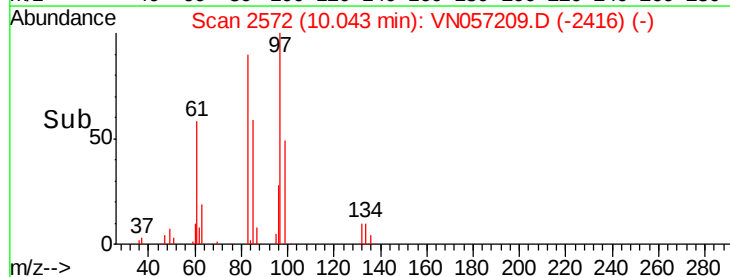
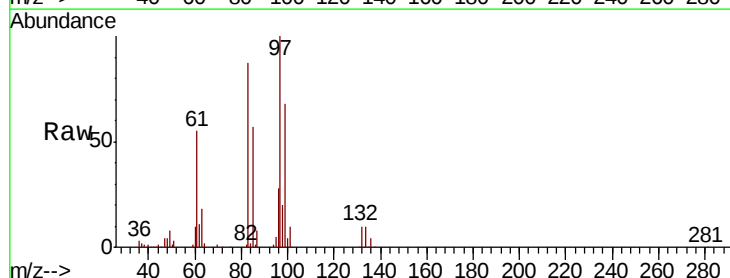
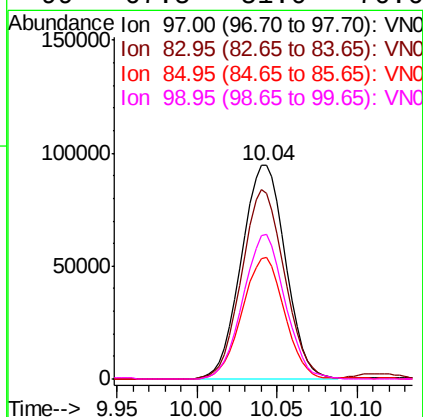
Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.8	38.8
39	40.4	33.0	49.6

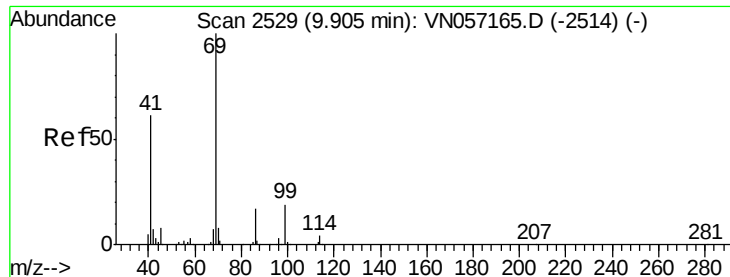


#50

1,1,2-Trichloroethane
Concen: 18.678 ug/l
RT: 10.04 min Scan# 2572
Delta R.T. 0.00 min
Lab File: VN057209.D
Acq: 12 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.7	71.4	107.0
85	56.9	43.8	65.8
99	67.5	51.0	76.6





#51

Ethyl methacrylate

Concen: 18.152 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. -0.00 min

Lab File: VN057209.D

Acq: 12 Aug 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

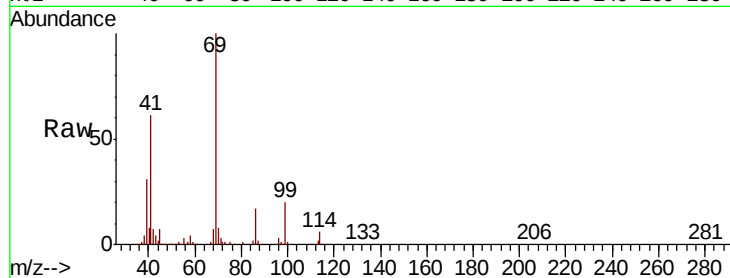
Tgt Ion: 69 Resp: 245262

Ion Ratio Lower Upper

69 100

41 60.8 30.4 91.2

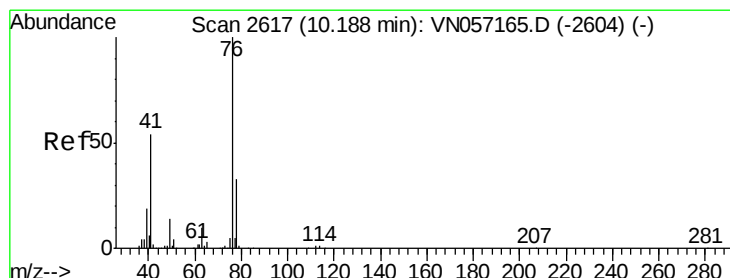
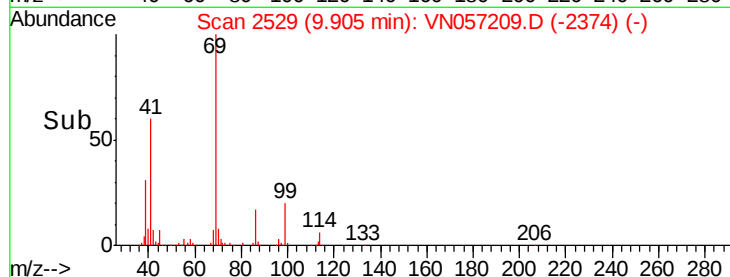
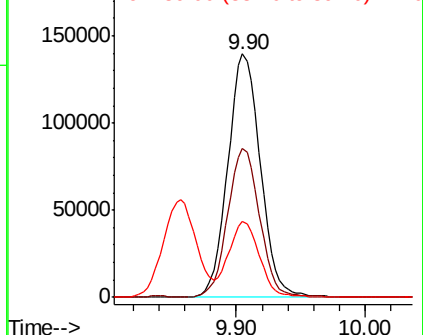
39 30.9 14.8 44.4



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#52

1,3-Dichloropropane

Concen: 18.692 ug/l

RT: 10.19 min Scan# 2618

Delta R.T. 0.00 min

Lab File: VN057209.D

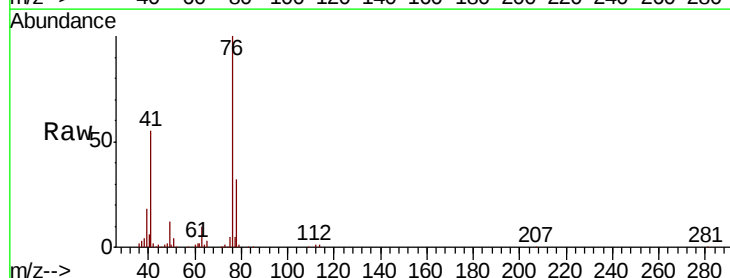
Acq: 12 Aug 2019 12:11

Tgt Ion: 76 Resp: 298302

Ion Ratio Lower Upper

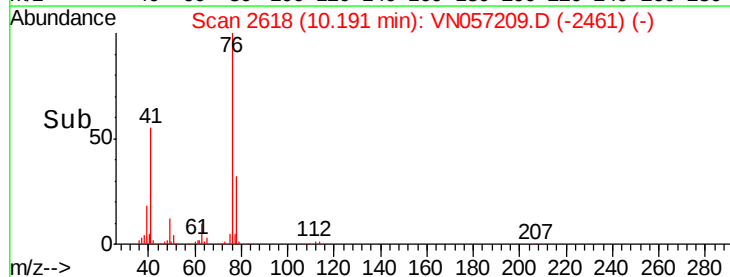
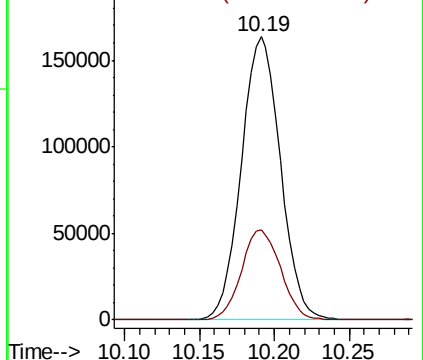
76 100

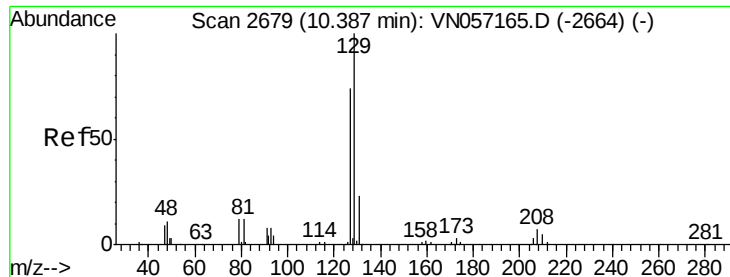
78 31.8 0.0 65.0



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

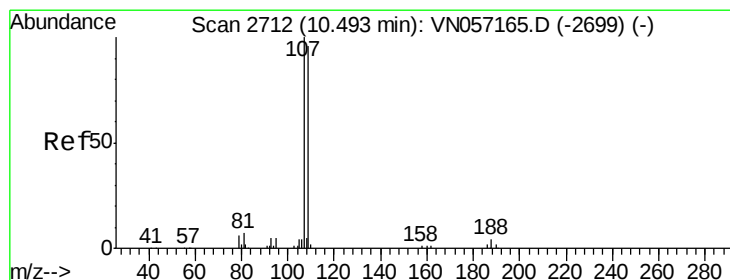
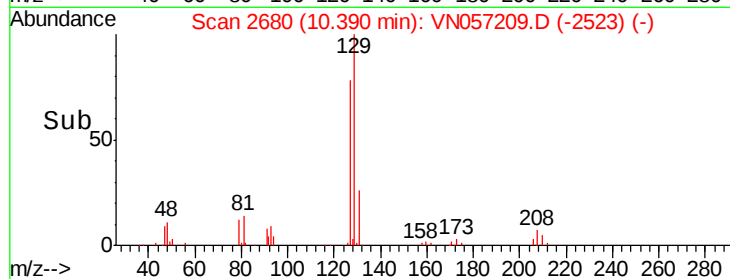
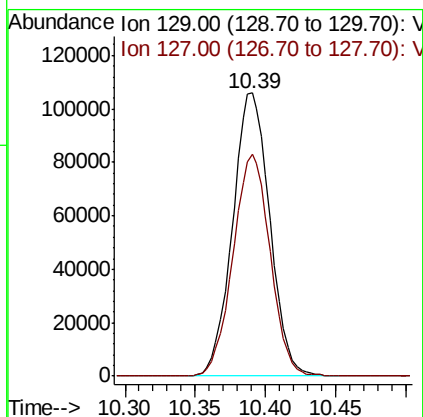
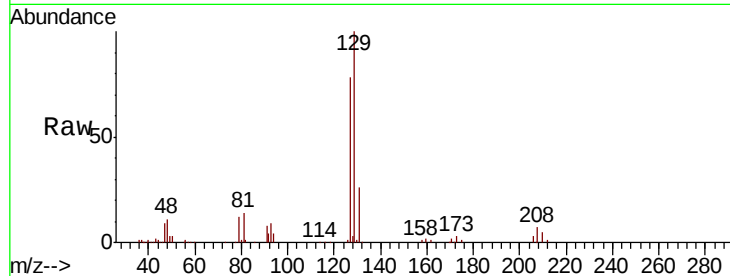




#53
 Dibromochloromethane
 Concen: 18.127 ug/l
 RT: 10.39 min Scan# 2680
 Delta R.T. 0.00 min
 Lab File: VN057209.D
 Acq: 12 Aug 2019 12:11

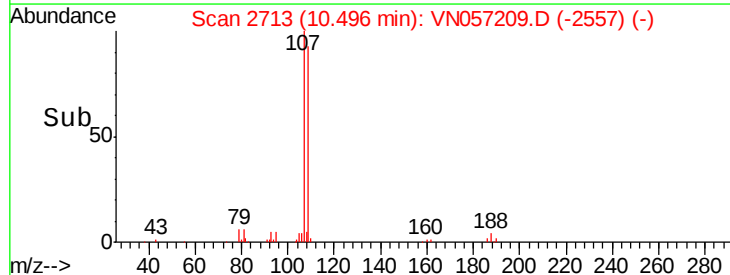
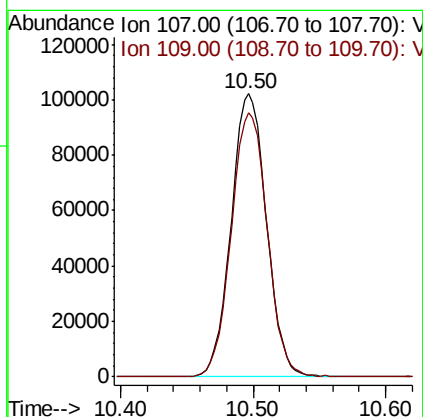
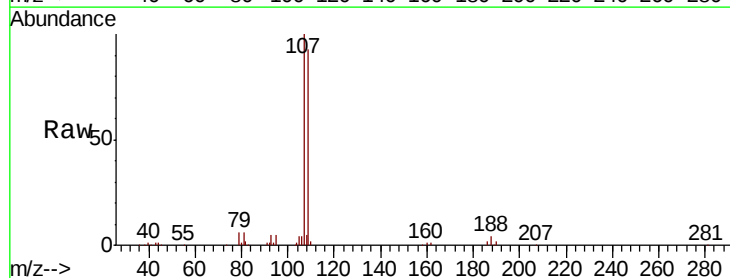
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

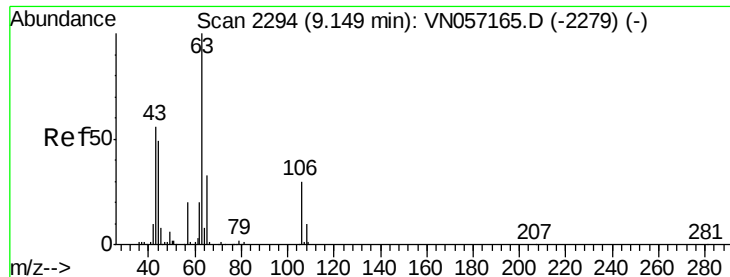
Tgt Ion:129 Resp: 195569
 Ion Ratio Lower Upper
 129 100
 127 78.2 38.2 114.6



#54
 1,2-Dibromoethane
 Concen: 18.873 ug/l
 RT: 10.50 min Scan# 2713
 Delta R.T. 0.00 min
 Lab File: VN057209.D
 Acq: 12 Aug 2019 12:11

Tgt Ion:107 Resp: 188627
 Ion Ratio Lower Upper
 107 100
 109 95.3 76.8 115.2

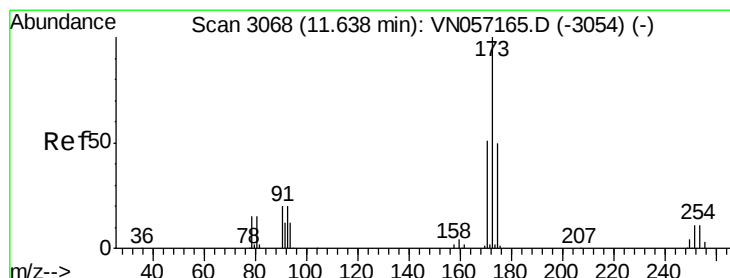
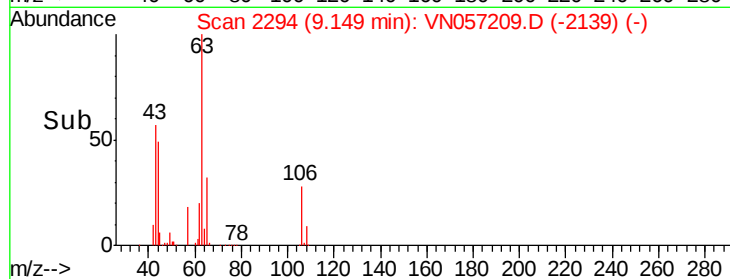
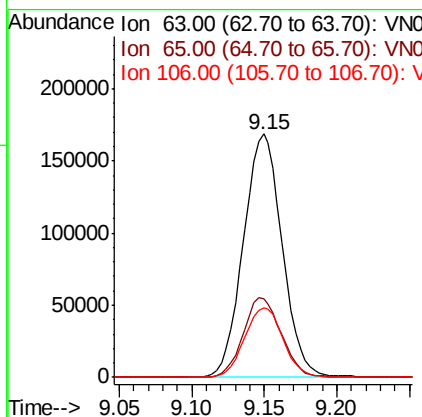
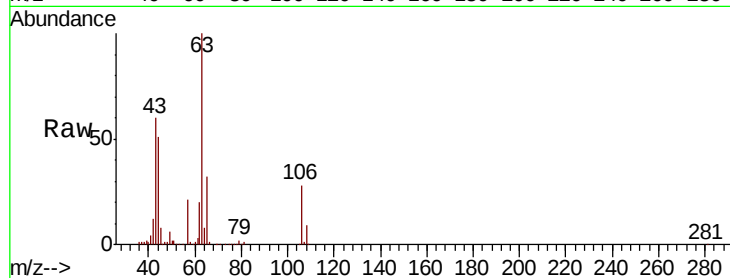




#55
 2-Chloroethyl vinyl ether
 Concen: 82.358 ug/l
 RT: 9.15 min Scan# 2294
 Delta R.T. -0.00 min
 Lab File: VN057209.D
 Acq: 12 Aug 2019 12:11

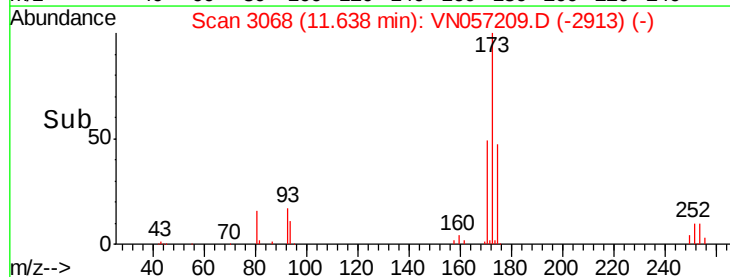
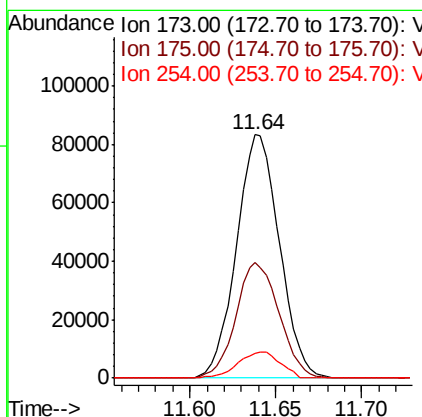
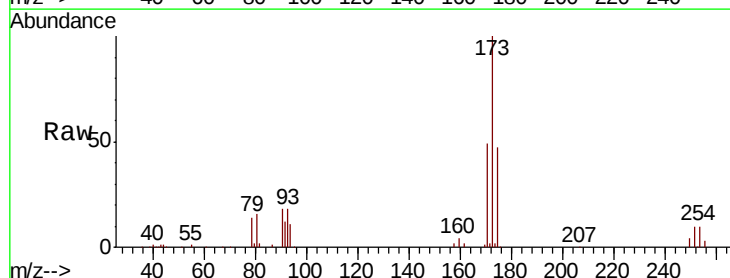
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

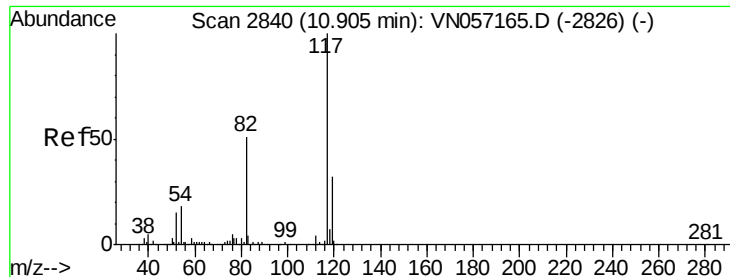
Tgt Ion: 63 Resp: 314202
 Ion Ratio Lower Upper
 63 100
 65 32.2 26.0 39.0
 106 28.6 23.3 34.9



#56
 Bromoform
 Concen: 18.117 ug/l
 RT: 11.64 min Scan# 3068
 Delta R.T. -0.00 min
 Lab File: VN057209.D
 Acq: 12 Aug 2019 12:11

Tgt Ion: 173 Resp: 144435
 Ion Ratio Lower Upper
 173 100
 175 47.9 39.0 58.4
 254 10.6 8.6 13.0

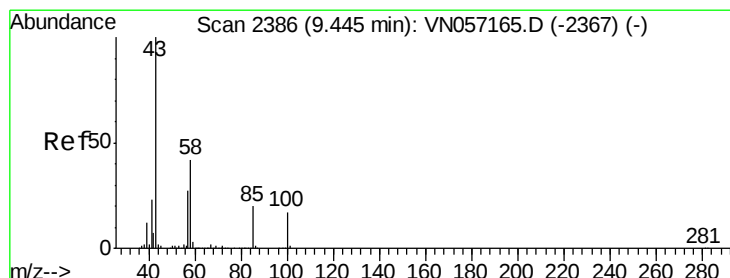
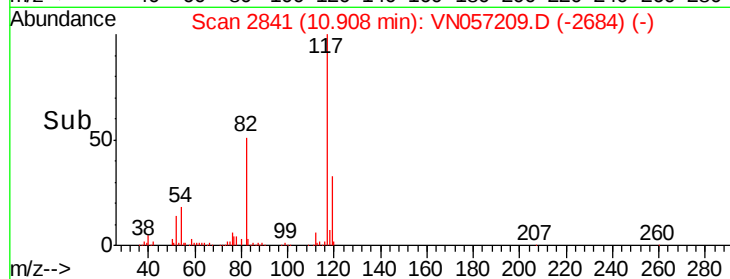
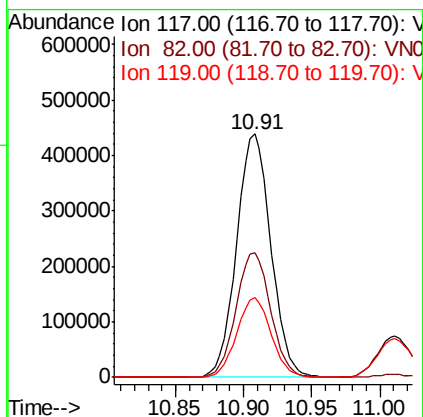
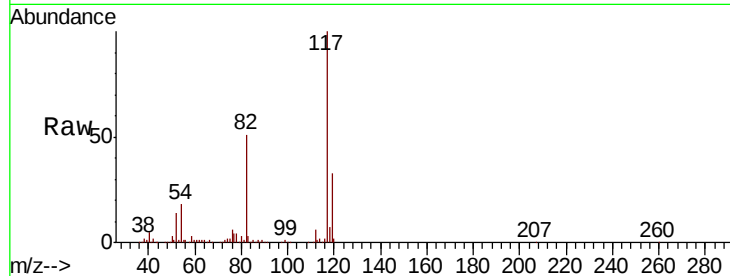




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.91 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN057209.D
Acq: 12 Aug 2019 12:11

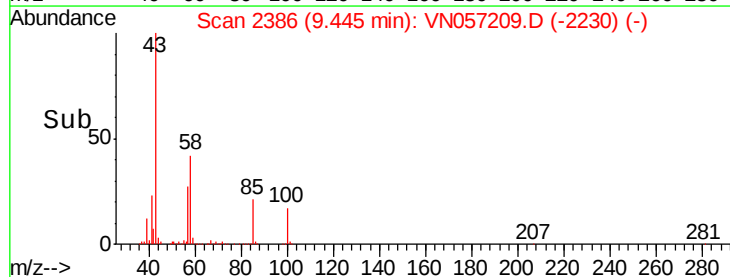
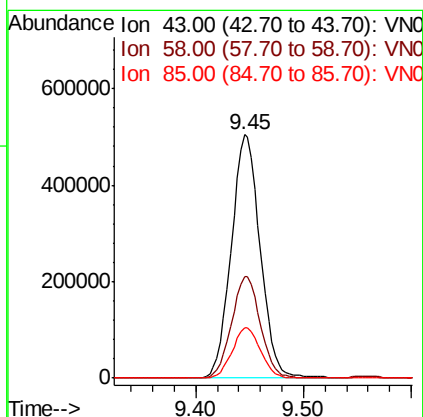
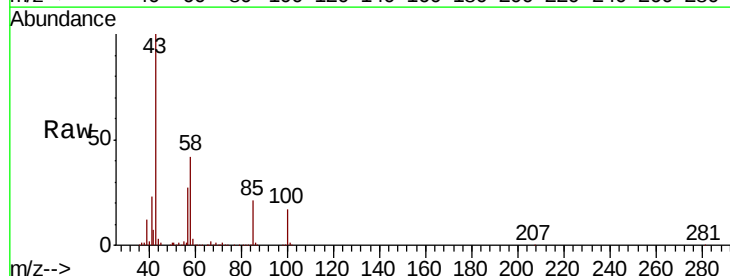
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

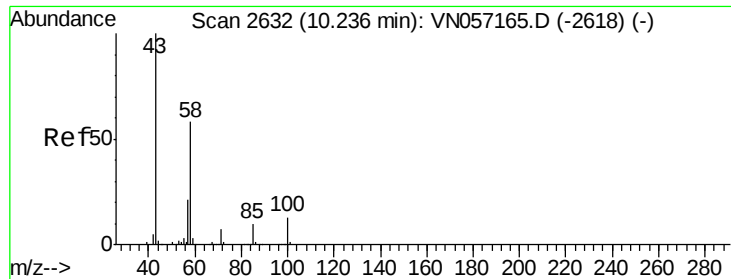
Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.7	41.5	62.3
119	32.8	26.1	39.1



#58
4-Methyl-2-Pentanone
Concen: 95.771 ug/l
RT: 9.45 min Scan# 2386
Delta R.T. -0.00 min
Lab File: VN057209.D
Acq: 12 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
43	100		
58	41.5	32.8	49.2
85	20.3	16.4	24.6

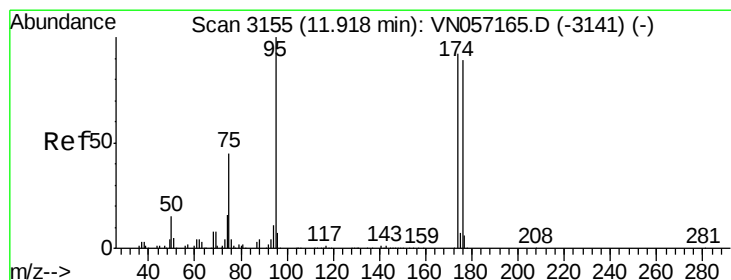
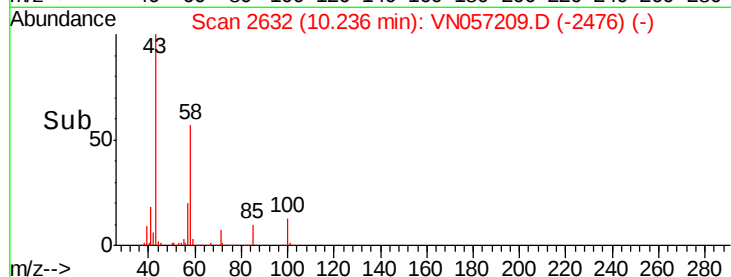
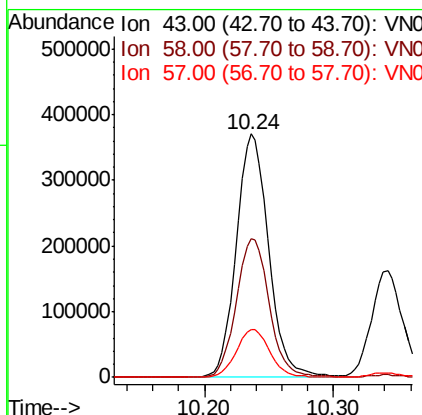
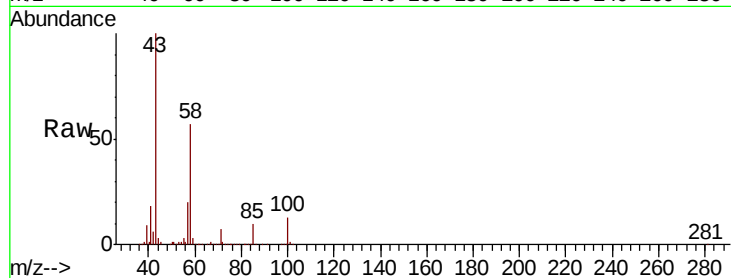




#59
2-Hexanone
Concen: 91.180 ug/l
RT: 10.24 min Scan# 2632
Delta R.T. -0.00 min
Lab File: VN057209.D
Acq: 12 Aug 2019 12:11

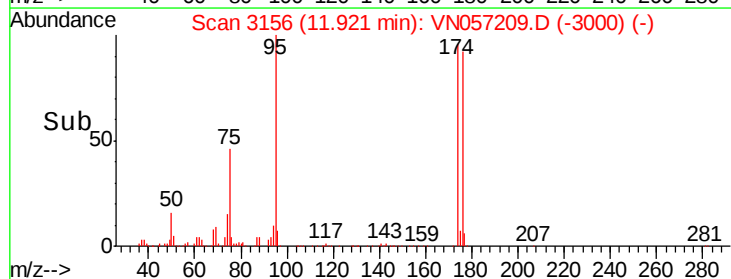
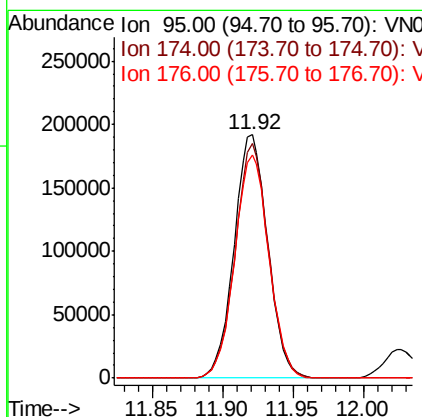
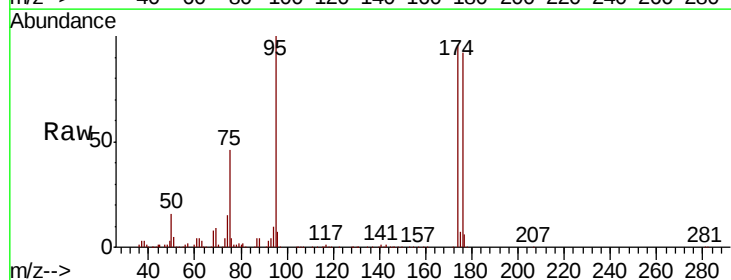
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

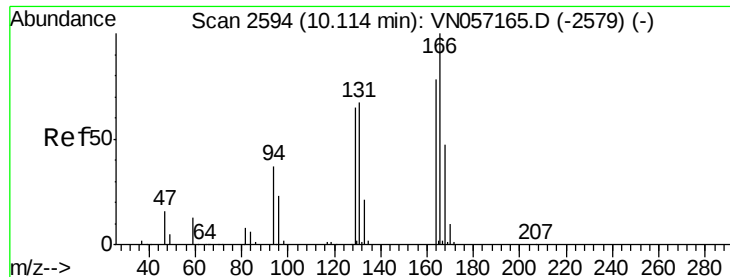
Tgt Ion: 43 Resp: 644553
Ion Ratio Lower Upper
43 100
58 58.3 45.4 68.2
57 20.4 16.1 24.1



#60
4-Bromofluorobenzene
Concen: 28.138 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN057209.D
Acq: 12 Aug 2019 12:11

Tgt Ion: 95 Resp: 320682
Ion Ratio Lower Upper
95 100
174 95.6 74.9 112.3
176 92.9 72.1 108.1

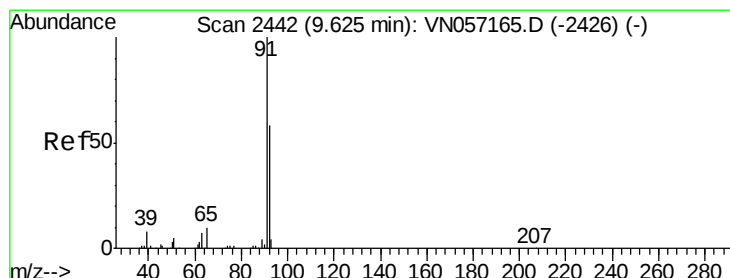
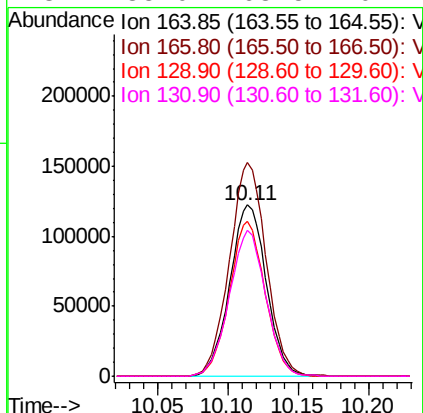
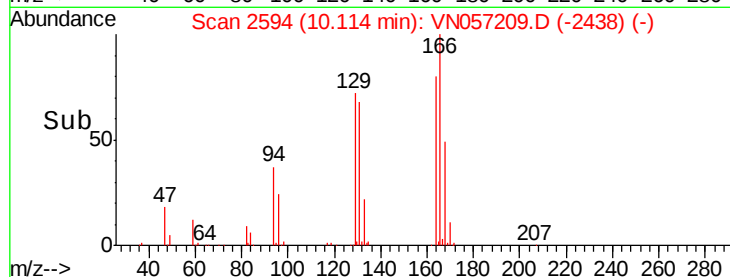
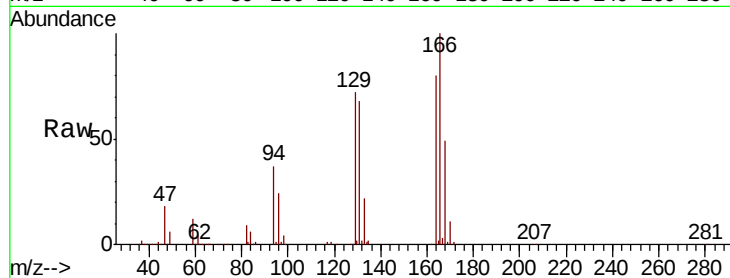




#61
Tetrachloroethene
Concen: 18.871 ug/l
RT: 10.11 min Scan# 2594
Delta R.T. -0.00 min
Lab File: VN057209.D
Acq: 12 Aug 2019 12:11

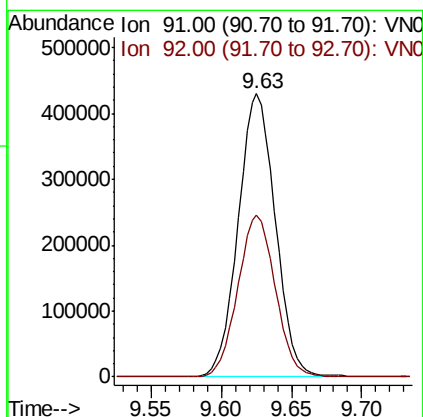
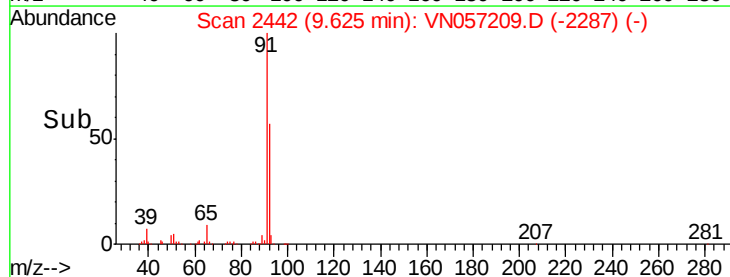
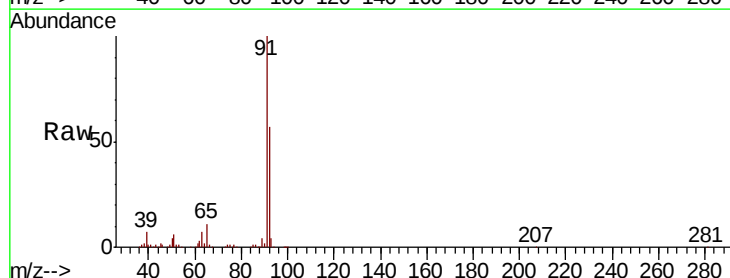
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

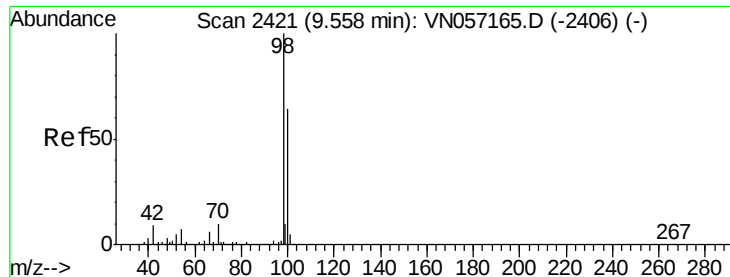
Tgt Ion:164 Resp: 221685
Ion Ratio Lower Upper
164 100
166 124.7 103.0 154.6
129 90.1 67.3 100.9
131 85.0 68.5 102.7



#62
Toluene
Concen: 18.225 ug/l
RT: 9.63 min Scan# 2442
Delta R.T. -0.00 min
Lab File: VN057209.D
Acq: 12 Aug 2019 12:11

Tgt Ion: 91 Resp: 793983
Ion Ratio Lower Upper
91 100
92 57.7 46.1 69.1





#63

Toluene-d8

Concen: 30.019 ug/l

RT: 9.56 min Scan# 2421

Delta R.T. -0.00 min

Lab File: VN057209.D

Acq: 12 Aug 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

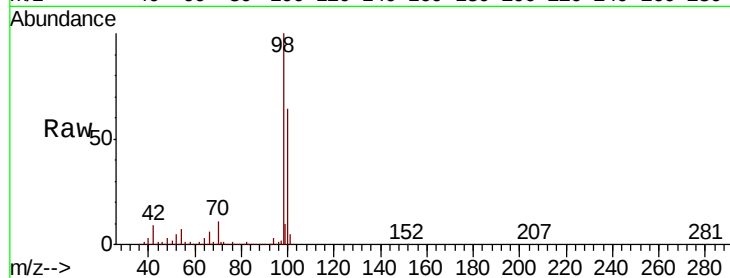
VSTDCCC020EC

Tgt Ion: 98 Resp: 1060644

Ion Ratio Lower Upper

98 100

100 64.4 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VN057165.D (-2406) (-)

Ion 100.00 (99.70 to 100.70): VN057165.D (-2406) (-)

9.56

600000

500000

400000

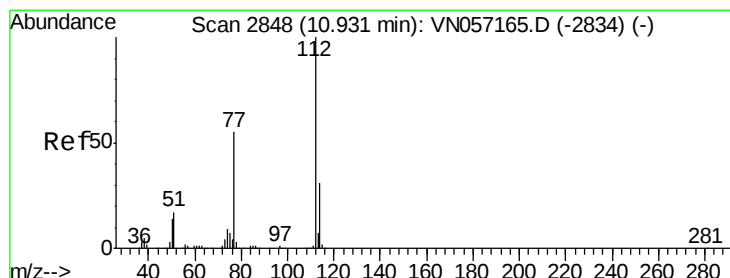
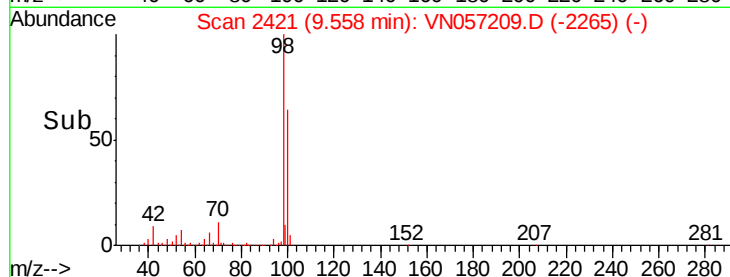
300000

200000

100000

0

Time--> 9.45 9.50 9.55 9.60 9.65



#64

Chlorobenzene

Concen: 18.327 ug/l

RT: 10.93 min Scan# 2849

Delta R.T. 0.00 min

Lab File: VN057209.D

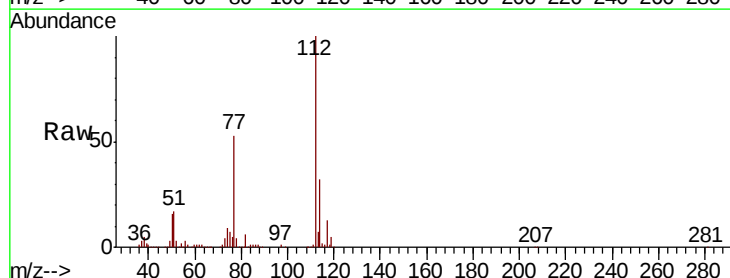
Acq: 12 Aug 2019 12:11

Tgt Ion: 112 Resp: 491085

Ion Ratio Lower Upper

112 100

114 32.3 25.0 37.6



Abundance Ion 112.00 (111.70 to 112.70): VN057165.D (-2834) (-)

Ion 114.00 (113.70 to 114.70): VN057165.D (-2834) (-)

10.93

300000

250000

200000

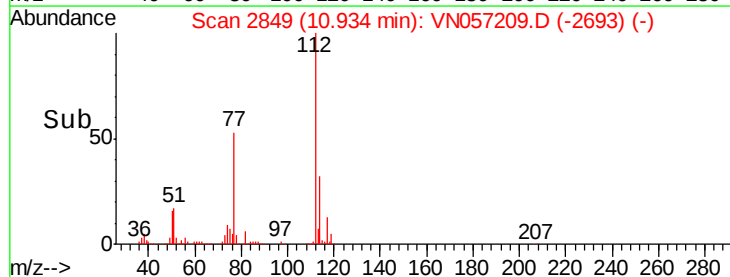
150000

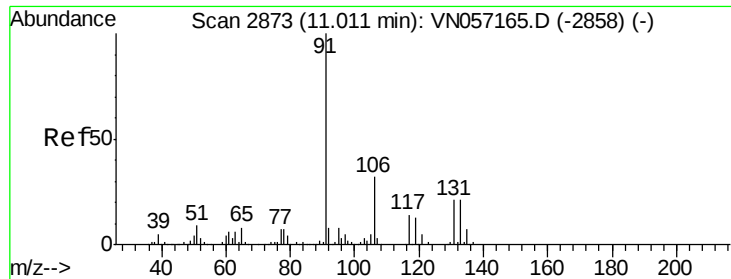
100000

50000

0

Time--> 10.85 10.90 10.95 11.00





#65

1,1,1,2-Tetrachloroethane

Concen: 18.508 ug/l

RT: 11.01 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN057209.D

Acq: 12 Aug 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

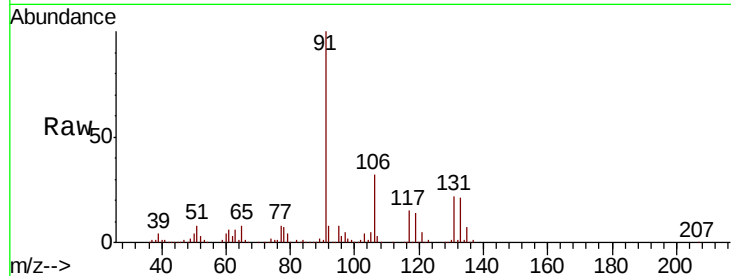
Tgt Ion:131 Resp: 190185

Ion Ratio Lower Upper

131 100

133 96.1 0.0 196.0

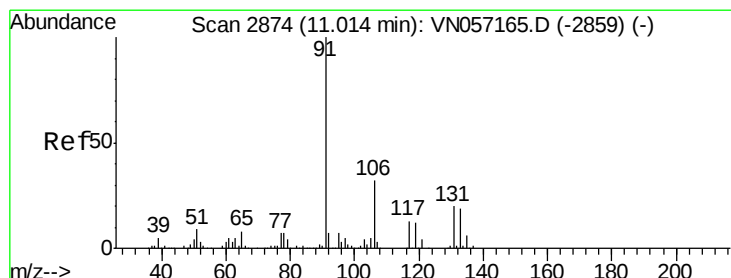
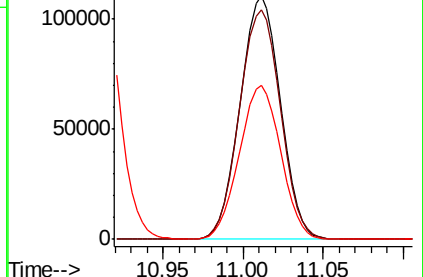
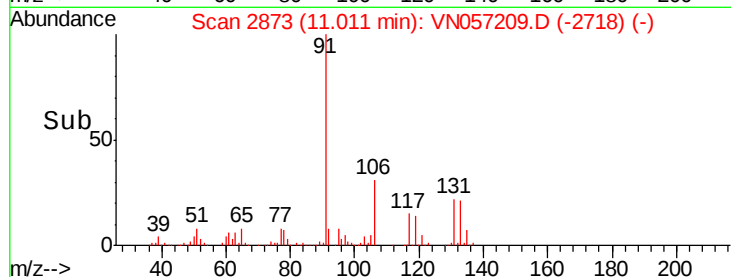
119 64.9 0.0 132.6



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: 18.102 ug/l

RT: 11.01 min Scan# 2874

Delta R.T. -0.00 min

Lab File: VN057209.D

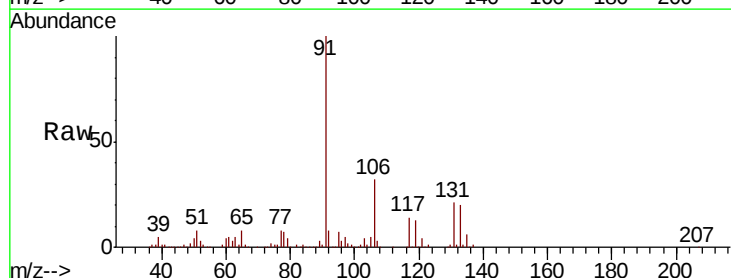
Acq: 12 Aug 2019 12:11

Tgt Ion: 91 Resp: 845349

Ion Ratio Lower Upper

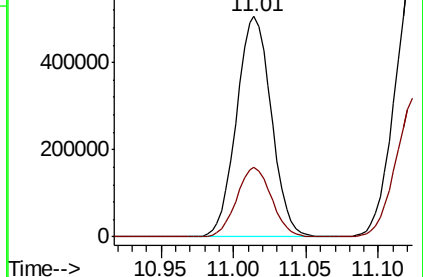
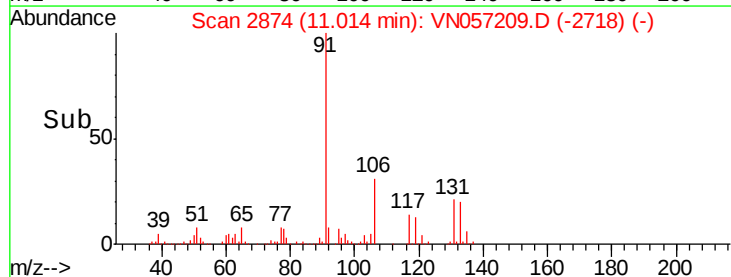
91 100

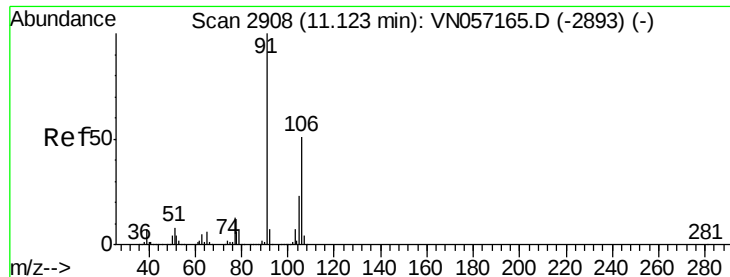
106 31.7 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 36.070 ug/l

RT: 11.13 min Scan# 2909

Delta R.T. 0.00 min

Lab File: VN057209.D

Acq: 12 Aug 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

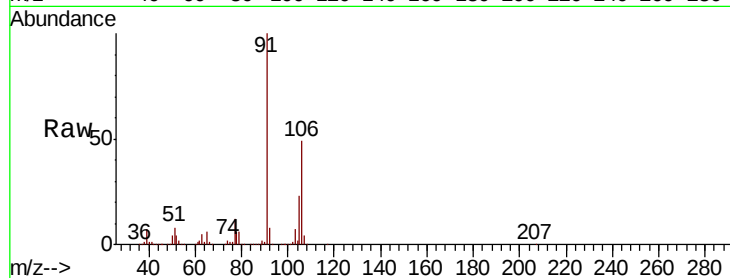
VSTDCCC020EC

Tgt Ion:106 Resp: 635235

Ion Ratio Lower Upper

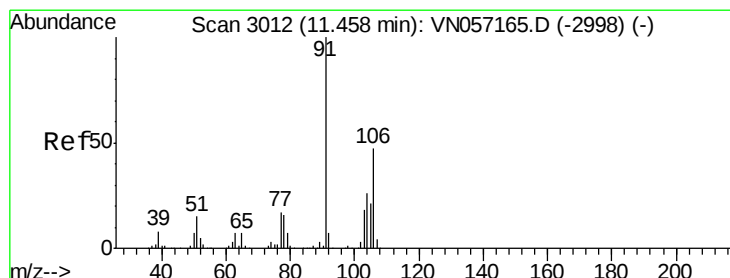
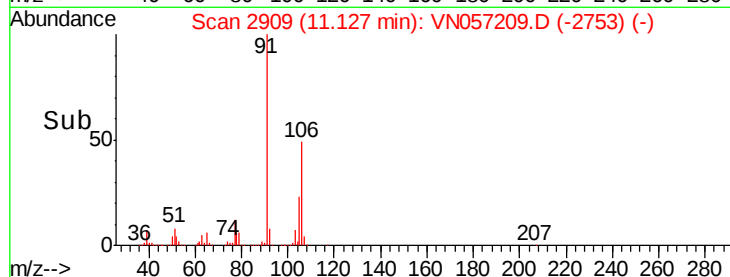
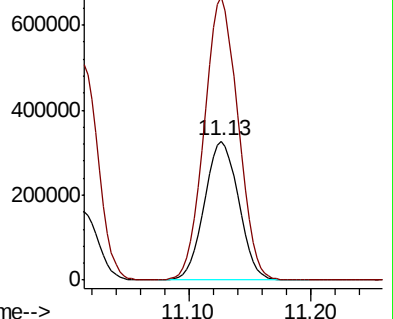
106 100

91 200.7 160.5 240.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#68

o-Xylene

Concen: 18.035 ug/l

RT: 11.46 min Scan# 3013

Delta R.T. 0.00 min

Lab File: VN057209.D

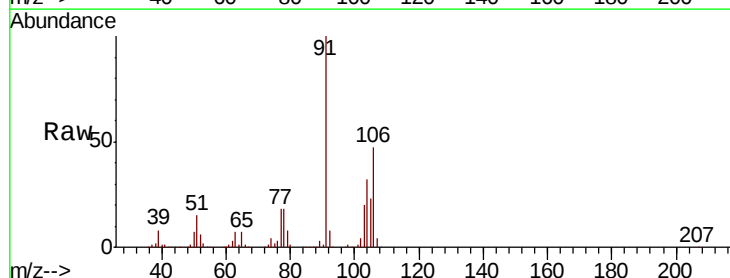
Acq: 12 Aug 2019 12:11

Tgt Ion:106 Resp: 308365

Ion Ratio Lower Upper

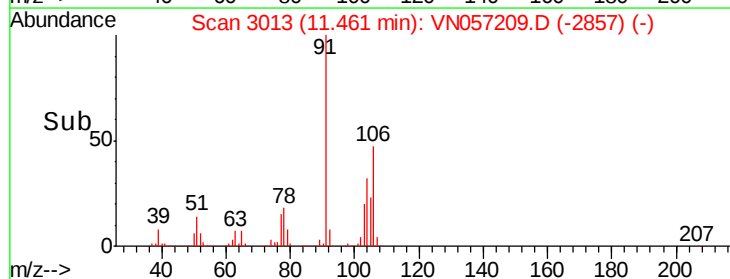
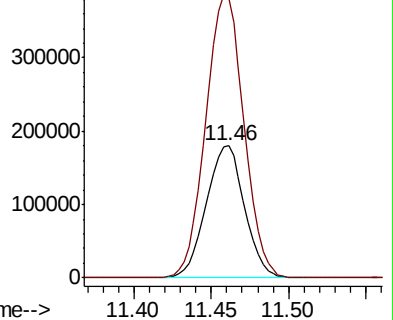
106 100

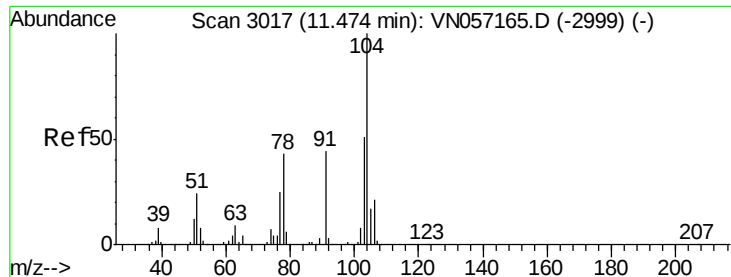
91 214.1 105.3 315.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

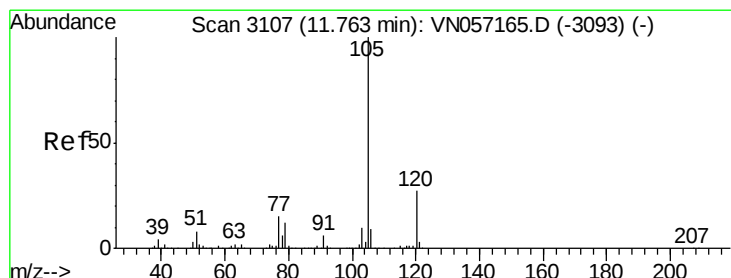
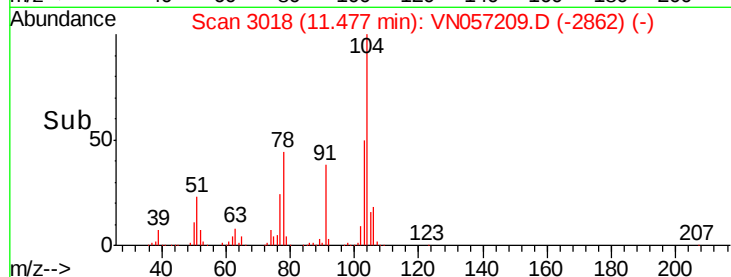
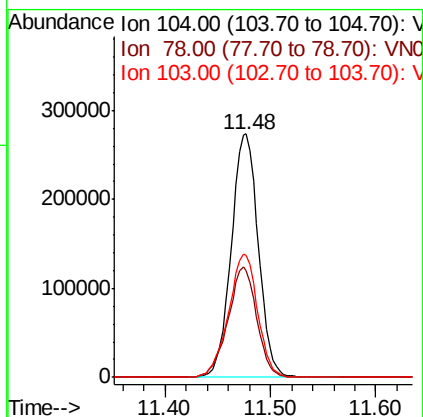
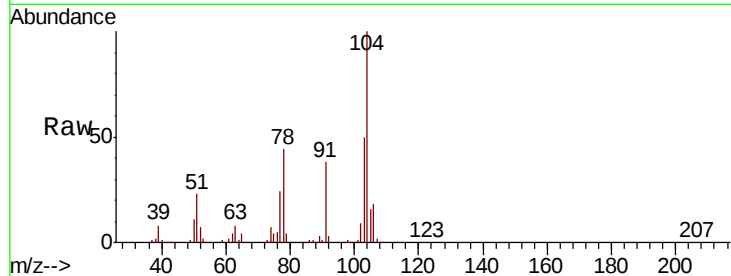




#69
Styrene
Concen: 17.701 ug/l
RT: 11.48 min Scan# 3018
Delta R.T. 0.00 min
Lab File: VN057209.D
Acq: 12 Aug 2019 12:11

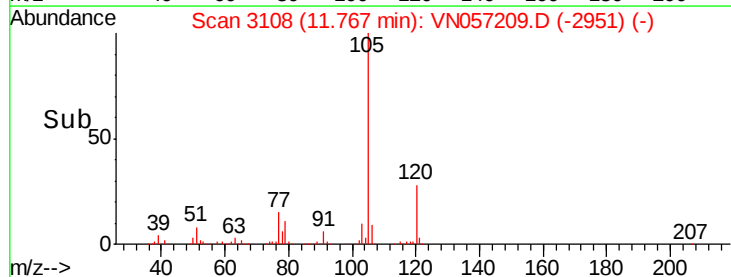
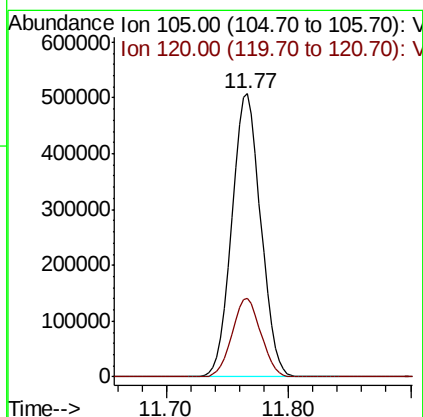
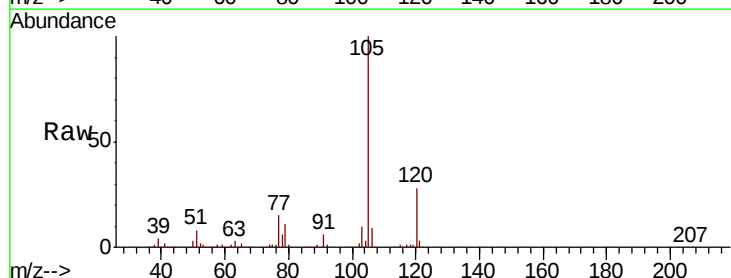
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

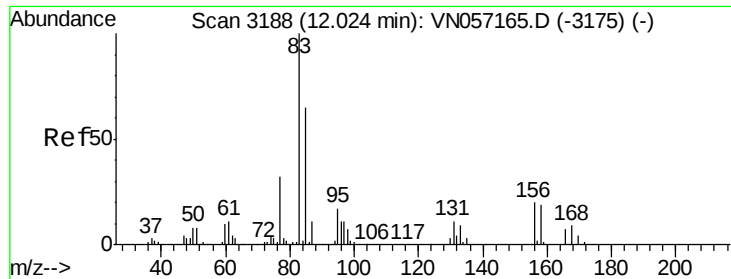
Tgt Ion:104 Resp: 485304
Ion Ratio Lower Upper
104 100
78 47.8 38.7 58.1
103 54.5 44.3 66.5



#70
Isopropylbenzene
Concen: 18.154 ug/l
RT: 11.77 min Scan# 3108
Delta R.T. 0.00 min
Lab File: VN057209.D
Acq: 12 Aug 2019 12:11

Tgt Ion:105 Resp: 835669
Ion Ratio Lower Upper
105 100
120 27.7 19.1 35.5

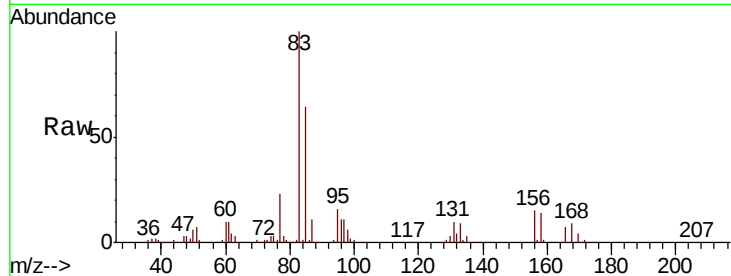




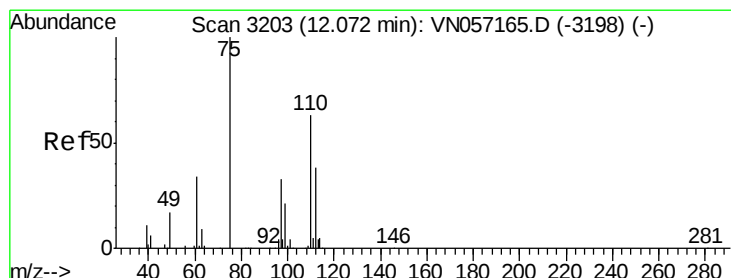
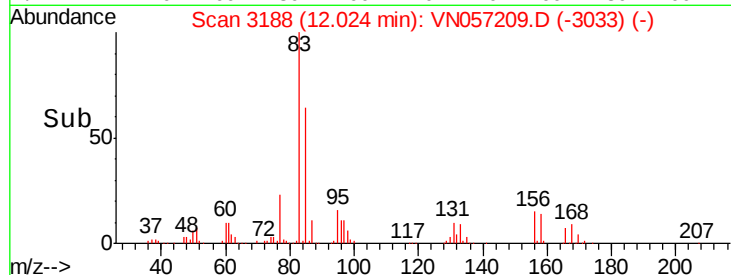
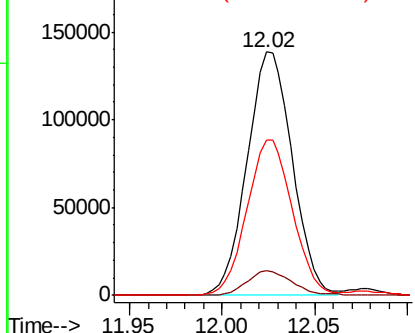
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.614 ug/l
 RT: 12.02 min Scan# 3188
 Delta R.T. -0.00 min
 Lab File: VN057209.D
 Acq: 12 Aug 2019 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion: 83 Resp: 234683
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.5 16.5
 85 64.0 32.6 98.0

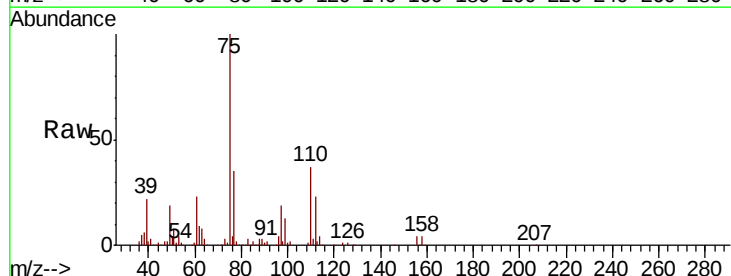


Abundance Ion 83.00 (82.70 to 83.70): VN0
 Ion 131.00 (130.70 to 131.70): V
 Ion 85.00 (84.70 to 85.70): VN0

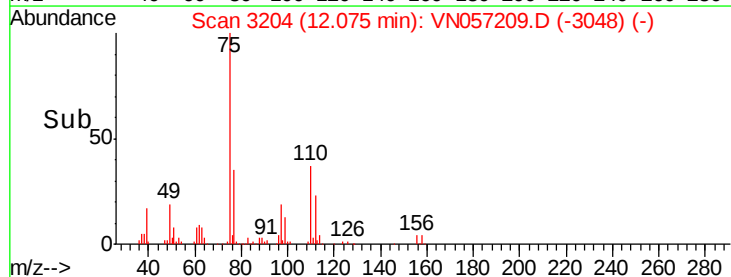
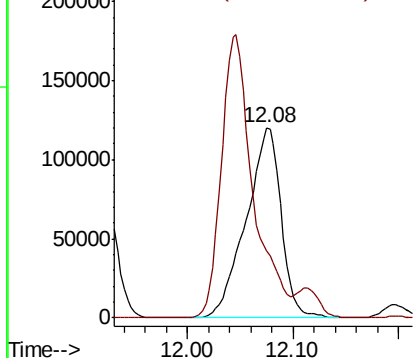


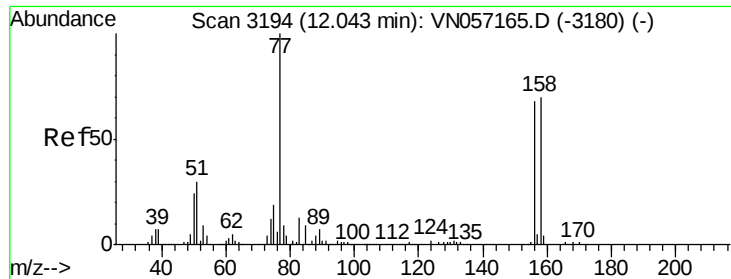
#72
 1,2,3-Trichloropropane
 Concen: 25.206 ug/l
 RT: 12.08 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VN057209.D
 Acq: 12 Aug 2019 12:11

Tgt Ion: 75 Resp: 278137
 Ion Ratio Lower Upper
 75 100
 77 134.1 0.0 379.4



Abundance Ion 75.00 (74.70 to 75.70): VN0
 Ion 77.00 (76.70 to 77.70): VN0





#73

Bromobenzene

Concen: 17.767 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN057209.D

Acq: 12 Aug 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

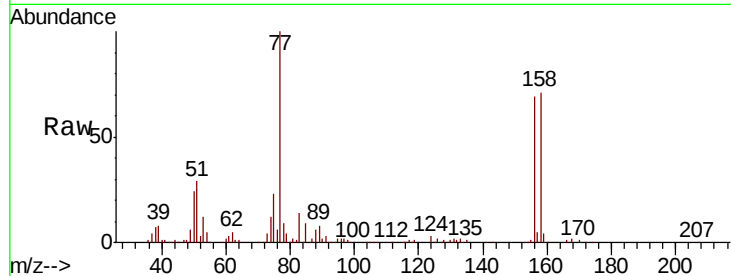
Tgt Ion:156 Resp: 212083

Ion Ratio Lower Upper

156 100

77 175.8 0.0 361.6

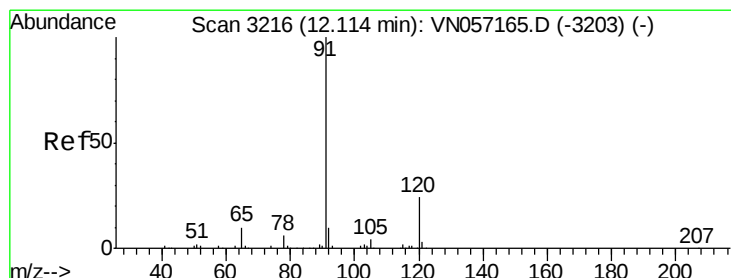
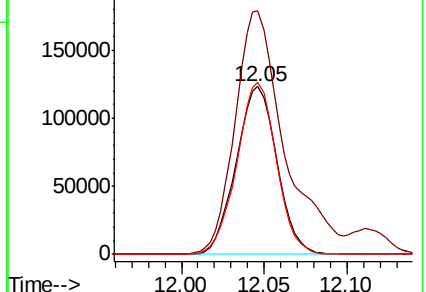
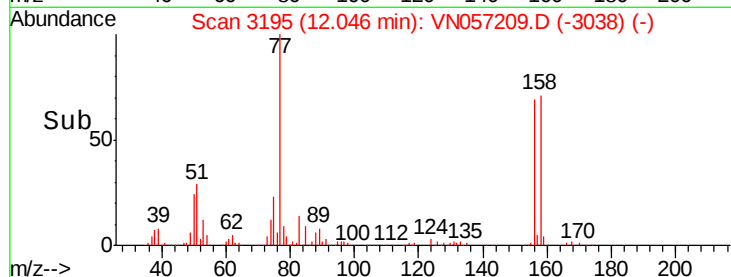
158 98.7 0.0 200.6



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: 17.195 ug/l

RT: 12.11 min Scan# 3216

Delta R.T. -0.00 min

Lab File: VN057209.D

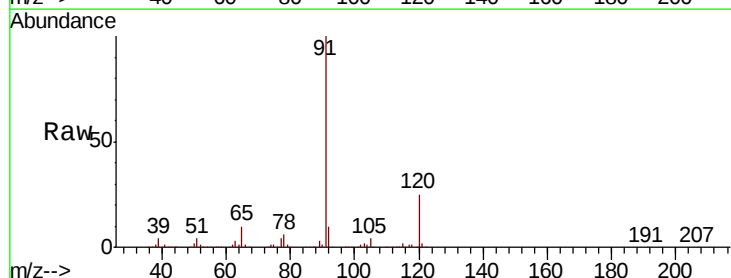
Acq: 12 Aug 2019 12:11

Tgt Ion: 91 Resp: 830974

Ion Ratio Lower Upper

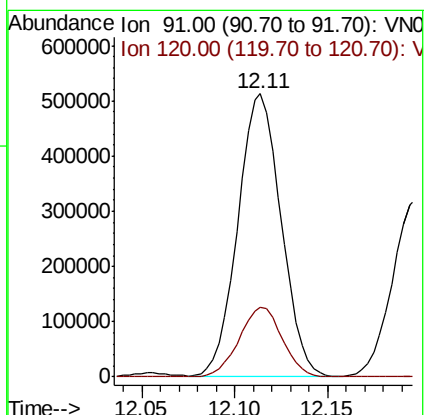
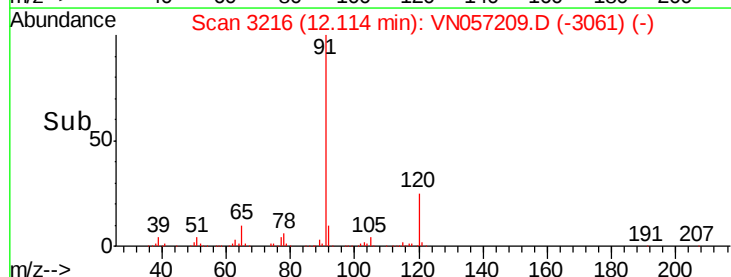
91 100

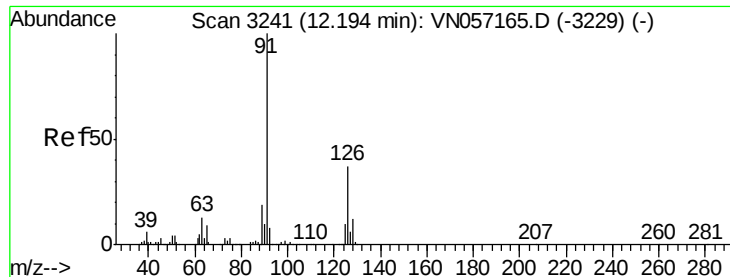
120 24.5 0.0 48.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 17.872 ug/l

RT: 12.20 min Scan# 3242

Delta R.T. 0.00 min

Lab File: VN057209.D

Acq: 12 Aug 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

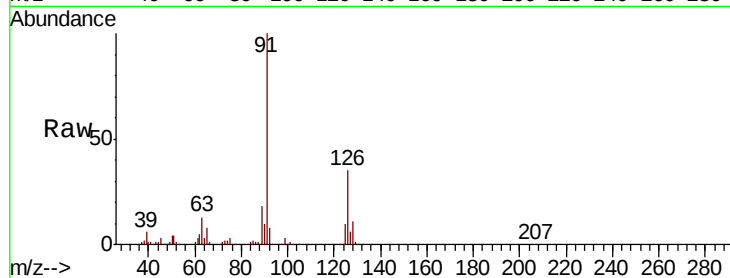
VSTDCCC020EC

Tgt Ion: 91 Resp: 534201

Ion Ratio Lower Upper

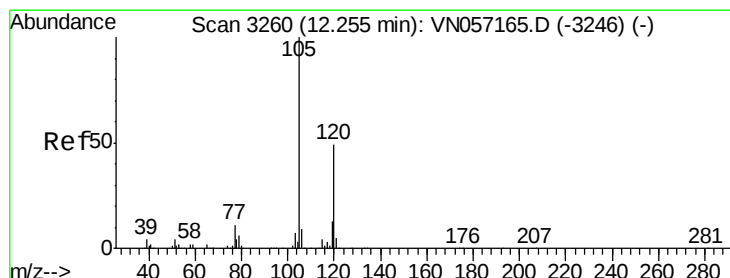
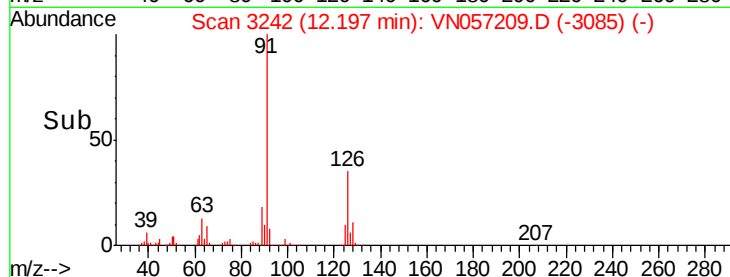
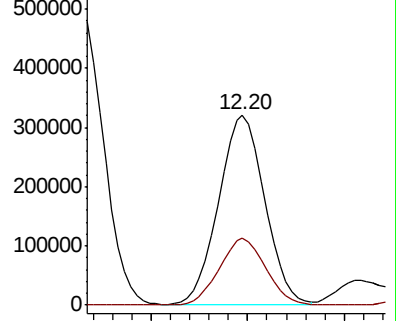
91 100

126 35.4 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) (-)



#76

1,3,5-Trimethylbenzene

Concen: 17.955 ug/l

RT: 12.26 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN057209.D

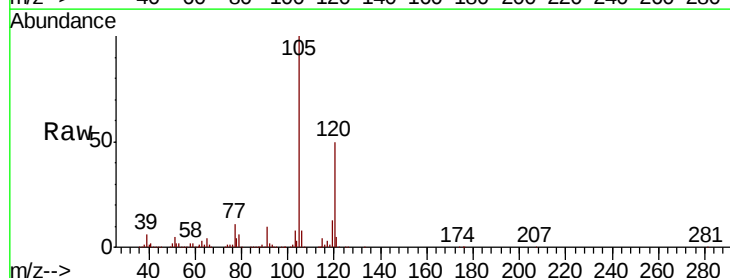
Acq: 12 Aug 2019 12:11

Tgt Ion: 105 Resp: 695948

Ion Ratio Lower Upper

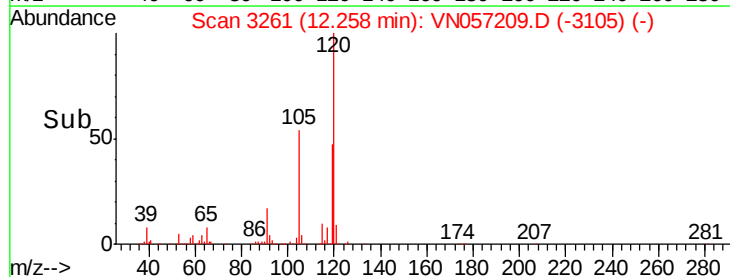
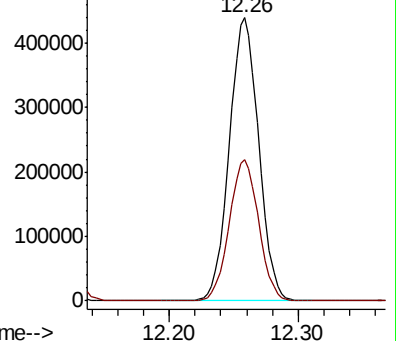
105 100

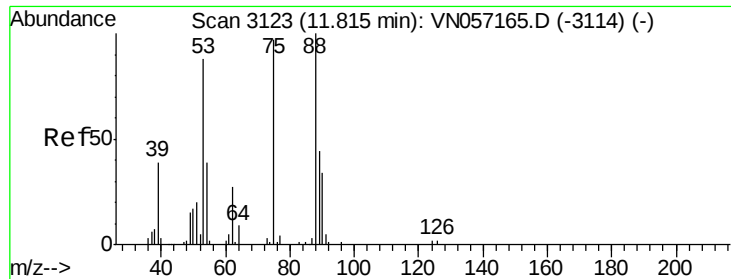
120 49.9 0.0 83.6



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

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





#77

t-1,4-Dichloro-2-butene

Concen: 16.960 ug/l

RT: 11.82 min Scan# 3124

Delta R.T. 0.00 min

Lab File: VN057209.D

Acq: 12 Aug 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

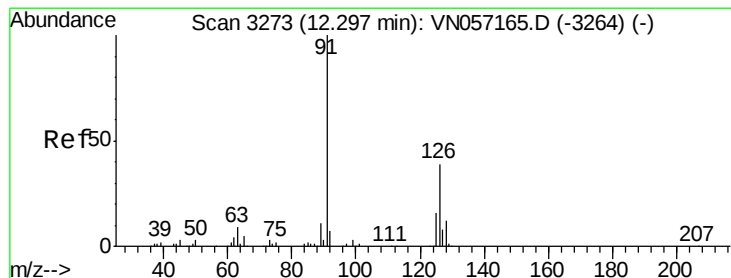
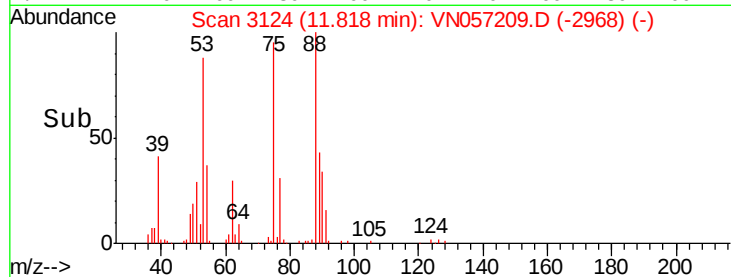
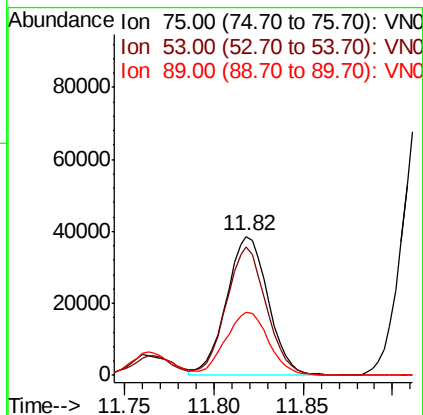
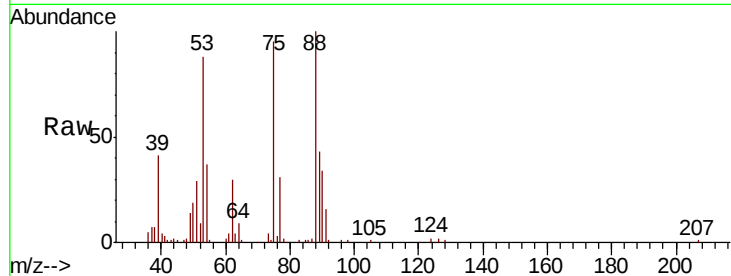
Tgt Ion: 75 Resp: 62981

Ion Ratio Lower Upper

75 100

53 91.9 45.4 136.2

89 45.3 23.5 70.6



#78

4-Chlorotoluene

Concen: 16.654 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN057209.D

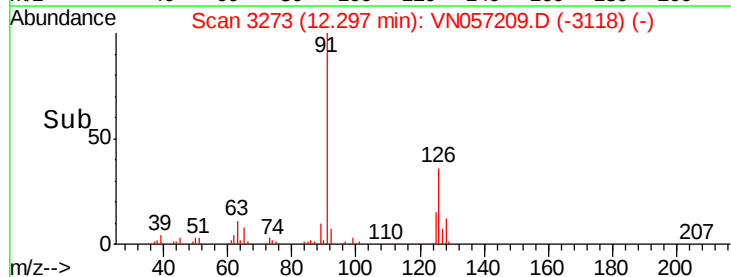
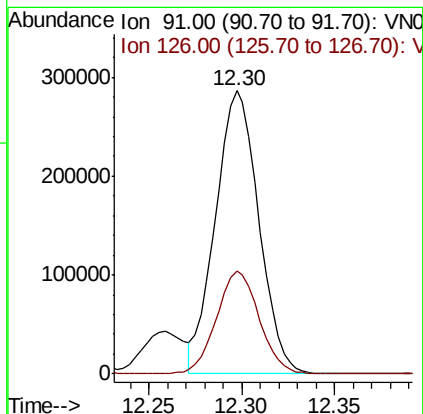
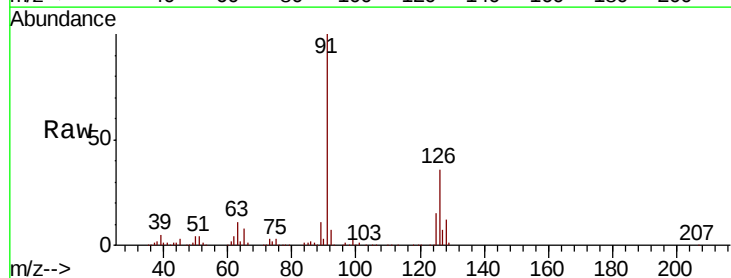
Acq: 12 Aug 2019 12:11

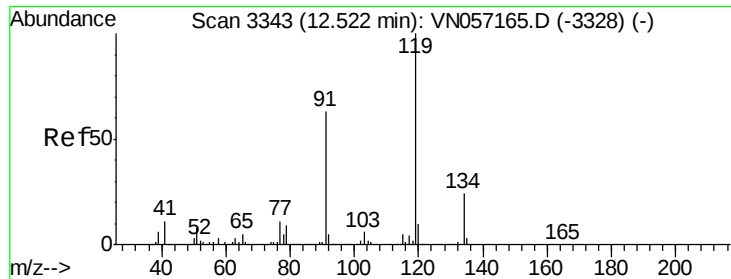
Tgt Ion: 91 Resp: 462322

Ion Ratio Lower Upper

91 100

126 35.9 0.0 70.2

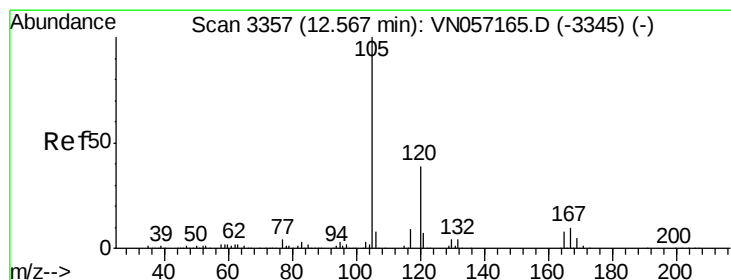
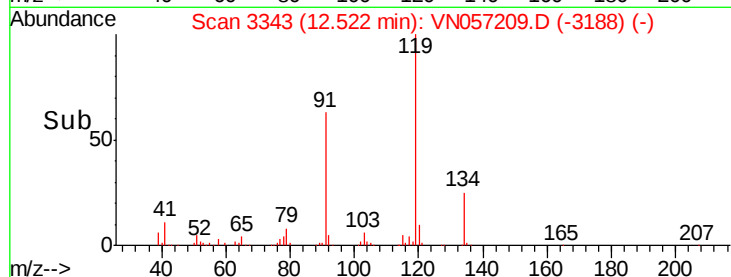
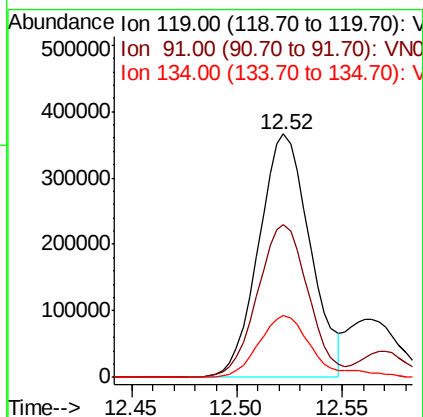
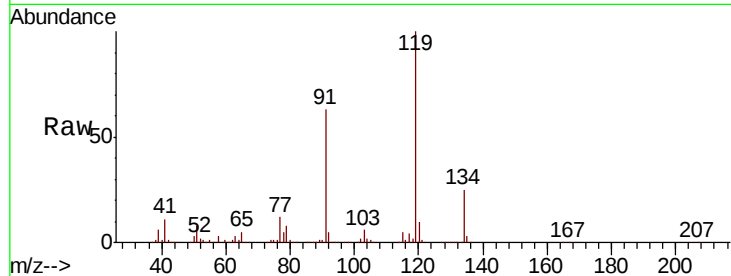




#79
tert-butylbenzene
Concen: 18.136 ug/l
RT: 12.52 min Scan# 3343
Delta R.T. -0.00 min
Lab File: VN057209.D
Acq: 12 Aug 2019 12:11

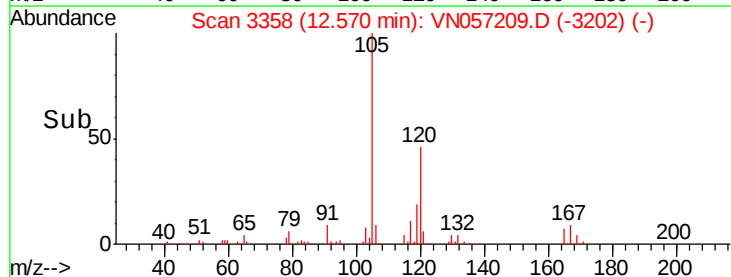
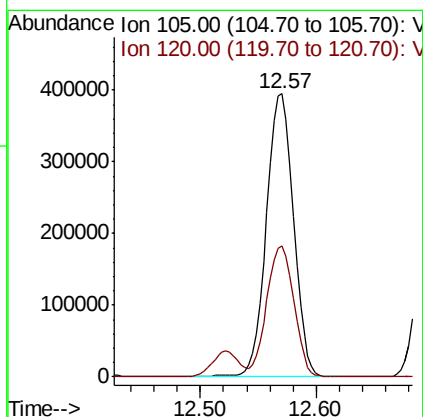
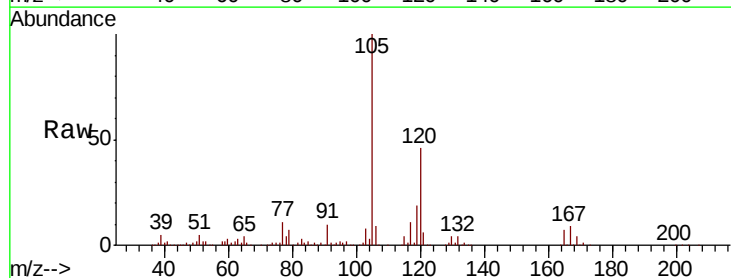
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

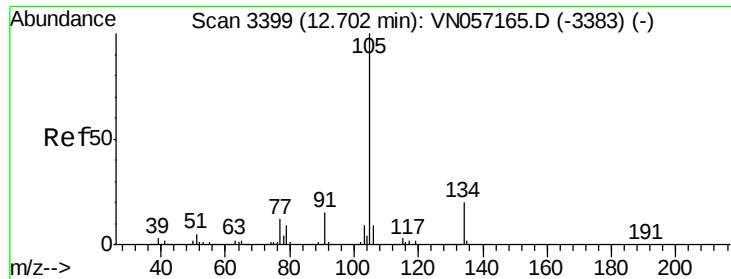
Tgt Ion:119 Resp: 619568
Ion Ratio Lower Upper
119 100
91 62.1 0.0 123.8
134 24.6 0.0 48.6



#80
1,2,4-Trimethylbenzene
Concen: 17.570 ug/l
RT: 12.57 min Scan# 3358
Delta R.T. 0.00 min
Lab File: VN057209.D
Acq: 12 Aug 2019 12:11

Tgt Ion:105 Resp: 642224
Ion Ratio Lower Upper
105 100
120 46.3 0.0 91.2

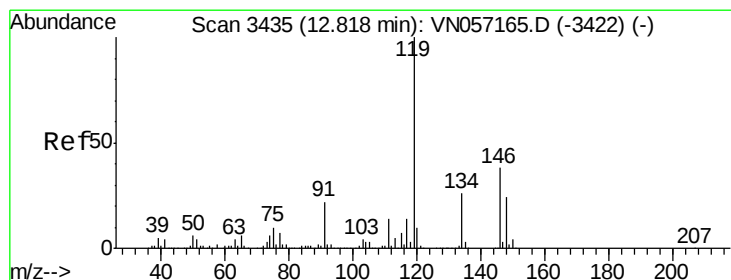
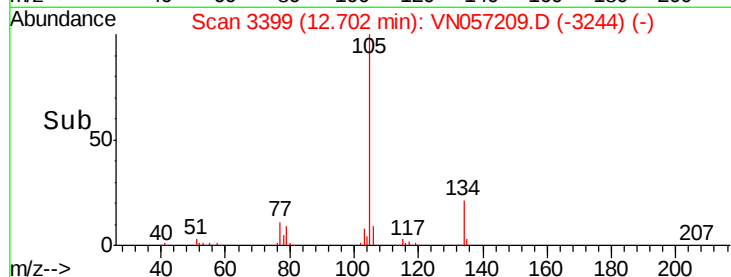
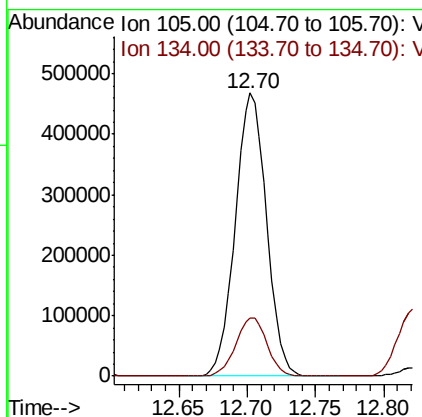
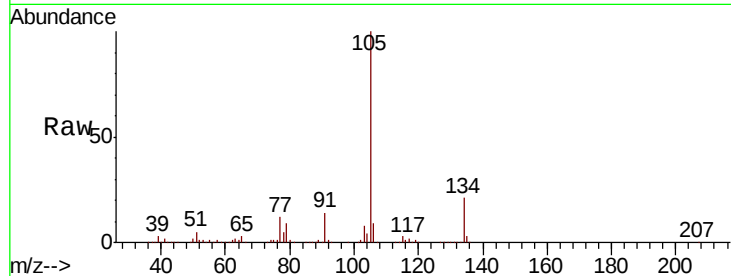




#81
 sec-Butylbenzene
 Concen: 17.214 ug/l
 RT: 12.70 min Scan# 3399
 Delta R.T. -0.00 min
 Lab File: VN057209.D
 Acq: 12 Aug 2019 12:11

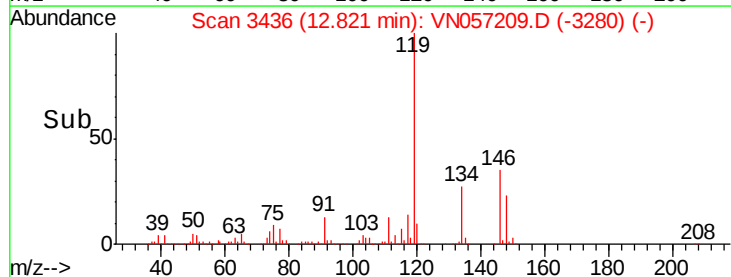
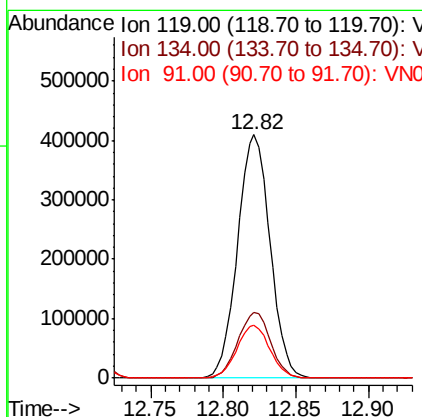
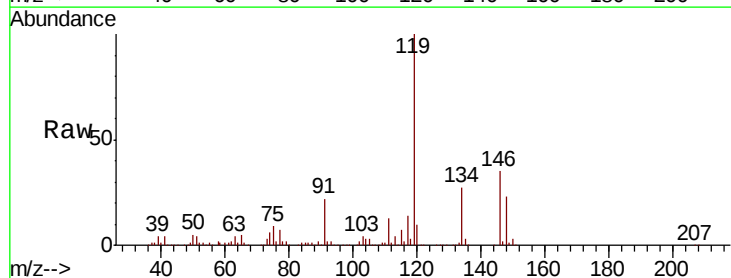
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

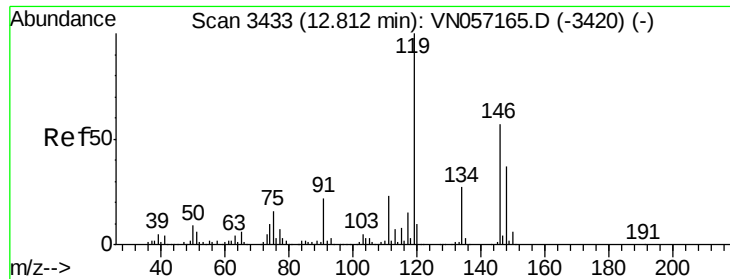
Tgt Ion:105 Resp: 741459
 Ion Ratio Lower Upper
 105 100
 134 20.7 0.0 40.6



#82
 p-Isopropyltoluene
 Concen: 16.629 ug/l
 RT: 12.82 min Scan# 3436
 Delta R.T. 0.00 min
 Lab File: VN057209.D
 Acq: 12 Aug 2019 12:11

Tgt Ion:119 Resp: 637817
 Ion Ratio Lower Upper
 119 100
 134 27.1 0.0 54.2
 91 22.1 0.0 44.4

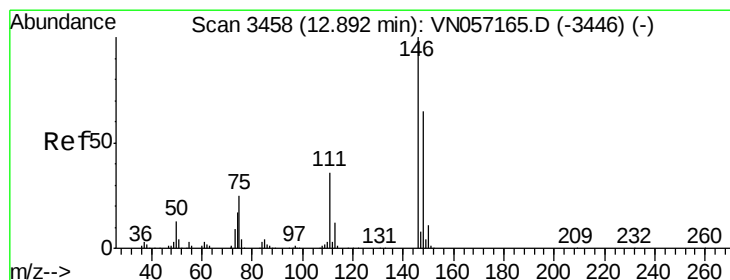
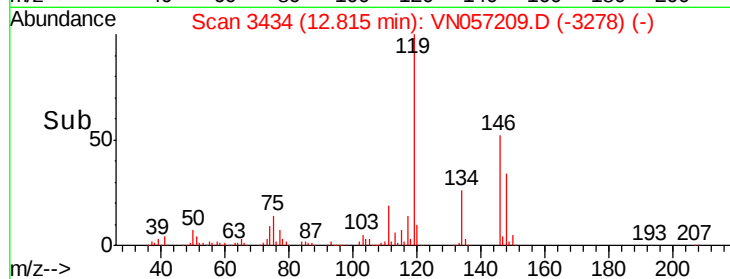
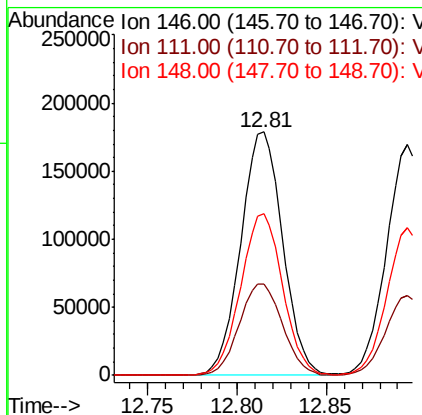
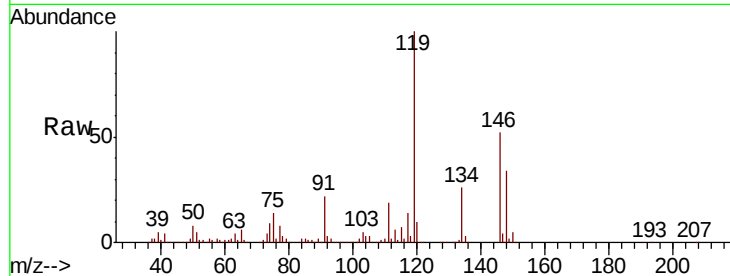




#83
 1,3-Dichlorobenzene
 Concen: 16.172 ug/l
 RT: 12.81 min Scan# 3434
 Delta R.T. 0.00 min
 Lab File: VN057209.D
 Acq: 12 Aug 2019 12:11

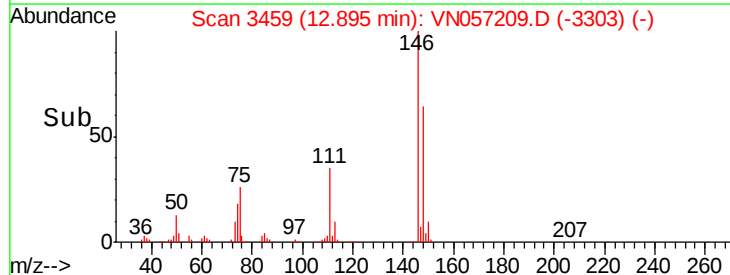
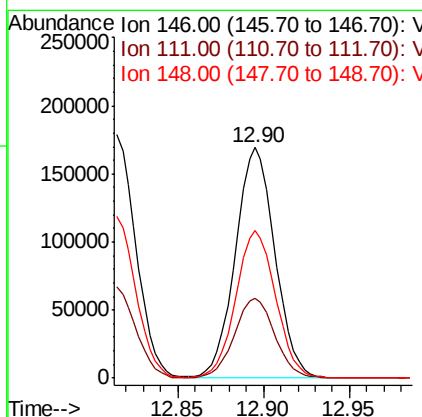
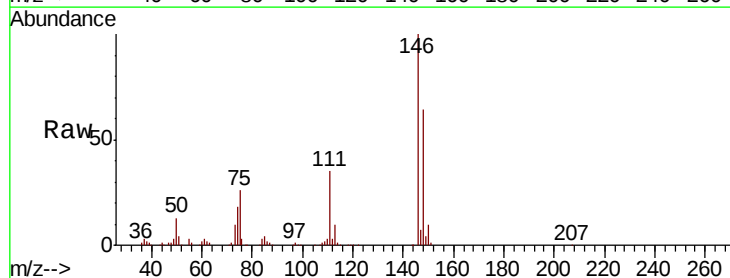
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

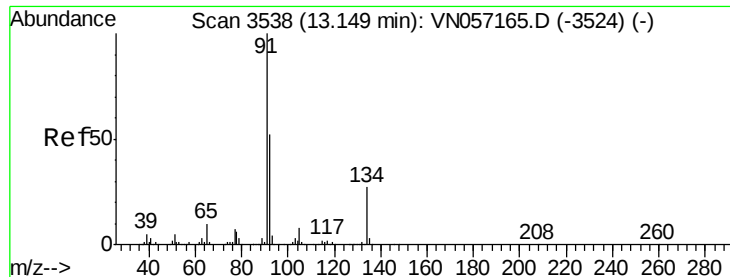
Tgt Ion:146 Resp: 293934
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.1 57.1
 148 66.1 32.6 97.8



#84
 1,4-Dichlorobenzene
 Concen: 16.069 ug/l
 RT: 12.90 min Scan# 3459
 Delta R.T. 0.00 min
 Lab File: VN057209.D
 Acq: 12 Aug 2019 12:11

Tgt Ion:146 Resp: 271675
 Ion Ratio Lower Upper
 146 100
 111 35.3 18.0 54.0
 148 64.4 32.3 96.9

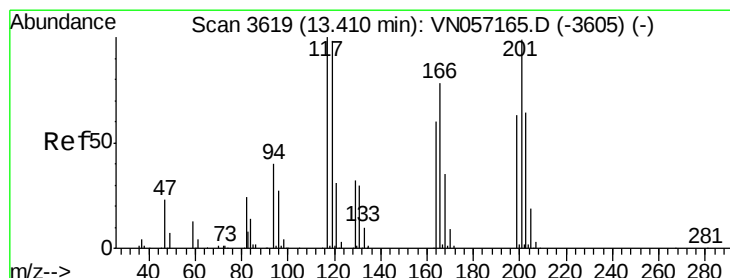
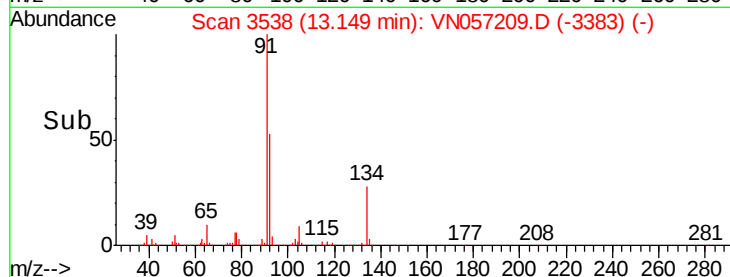
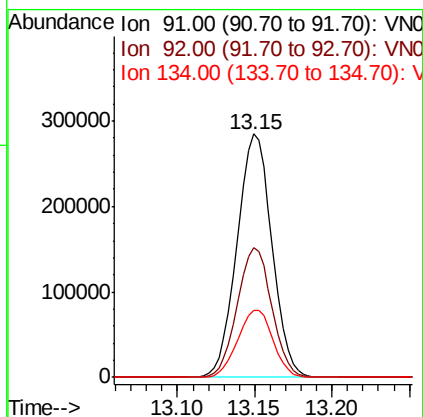
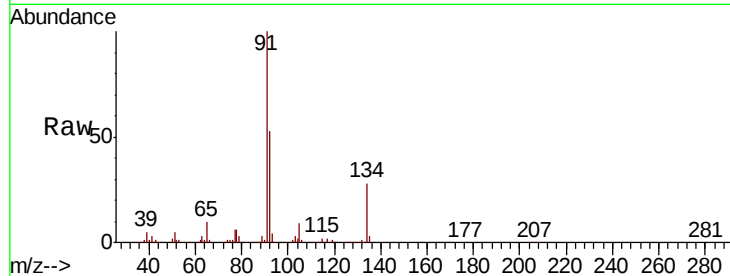




#85
n-Butylbenzene
Concen: 16.087 ug/l
RT: 13.15 min Scan# 3538
Delta R.T. -0.00 min
Lab File: VN057209.D
Acq: 12 Aug 2019 12:11

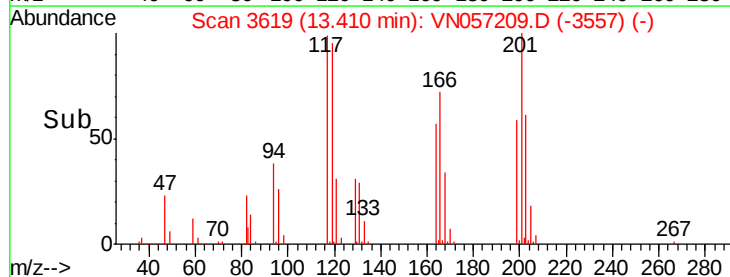
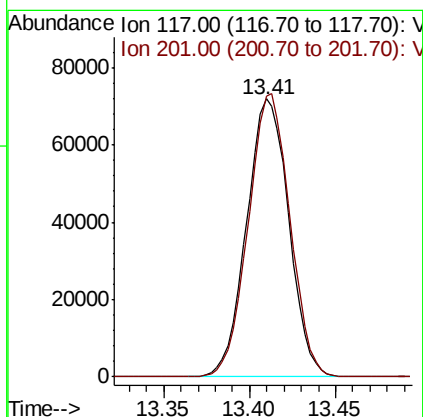
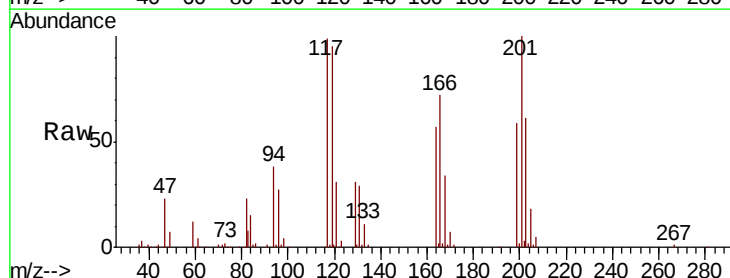
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

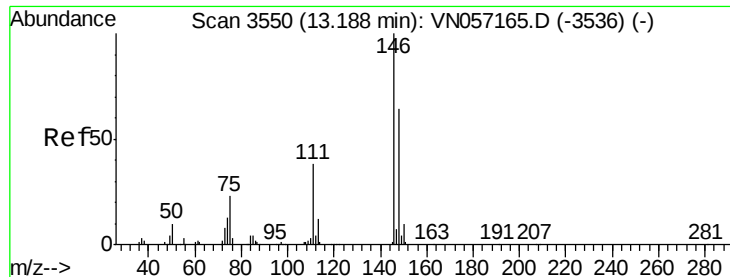
Tgt Ion: 91 Resp: 446126
Ion Ratio Lower Upper
91 100
92 52.6 0.0 104.4
134 28.0 0.0 55.0



#86
Hexachloroethane
Concen: 17.581 ug/l
RT: 13.41 min Scan# 3619
Delta R.T. -0.00 min
Lab File: VN057209.D
Acq: 12 Aug 2019 12:11

Tgt Ion: 117 Resp: 122615
Ion Ratio Lower Upper
117 100
201 100.2 49.3 147.9

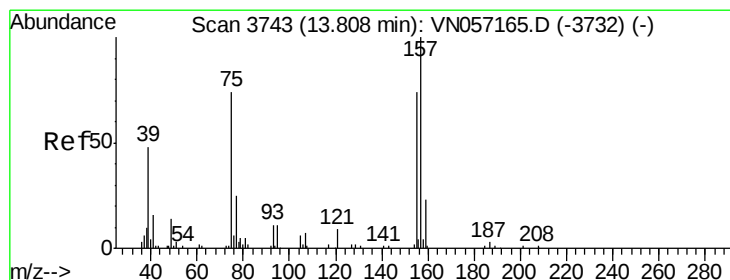
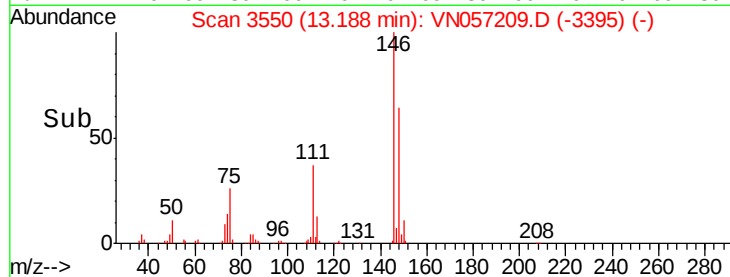
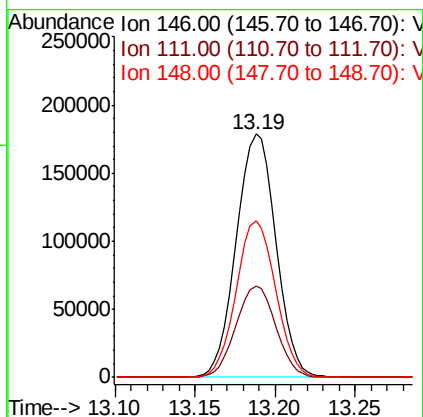
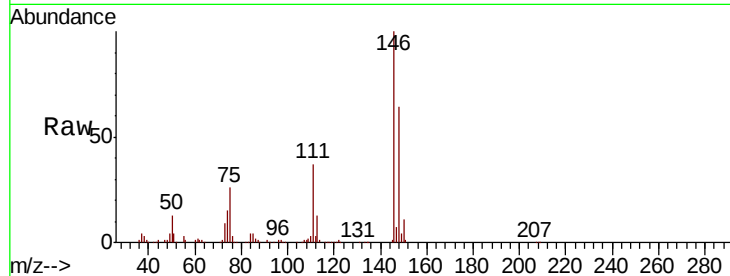




#87
 1,2-Dichlorobenzene
 Concen: 16.762 ug/l
 RT: 13.19 min Scan# 3550
 Delta R.T. -0.00 min
 Lab File: VN057209.D
 Acq: 12 Aug 2019 12:11

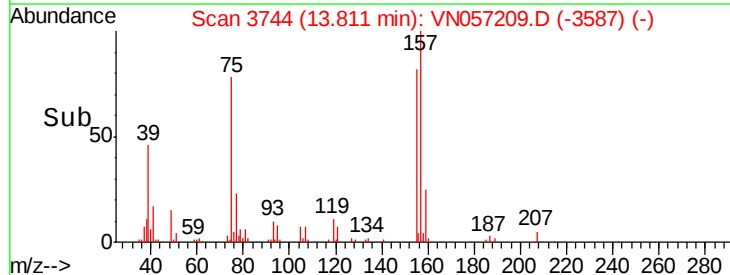
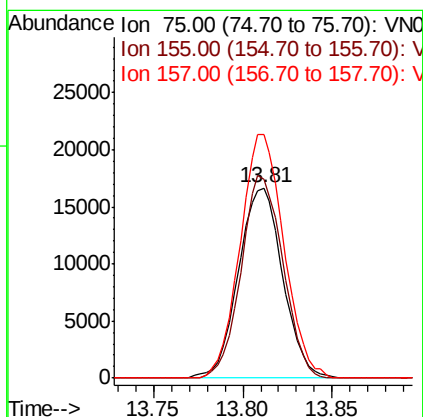
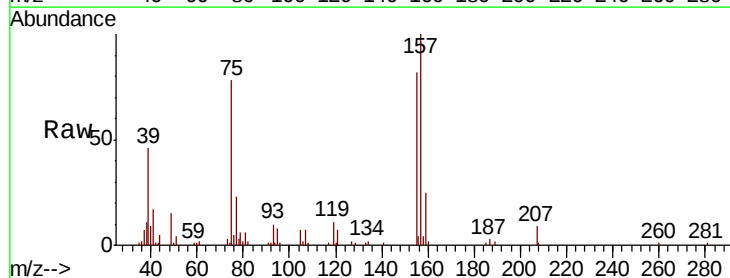
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

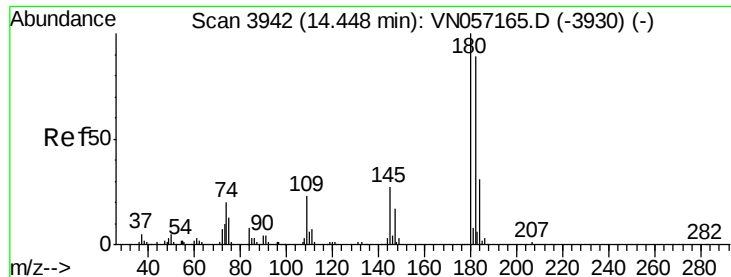
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.5
148	64.0	32.4	97.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 16.243 ug/l
 RT: 13.81 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN057209.D
 Acq: 12 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.8	80.9	121.3
157	126.8	111.3	166.9

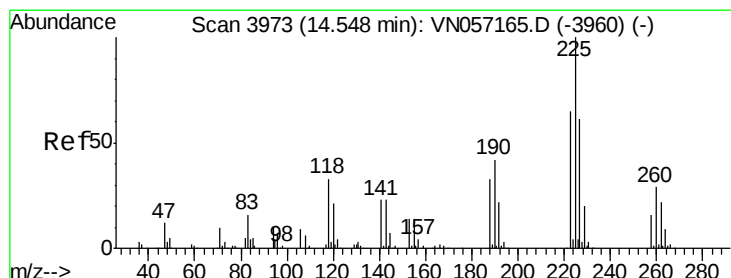
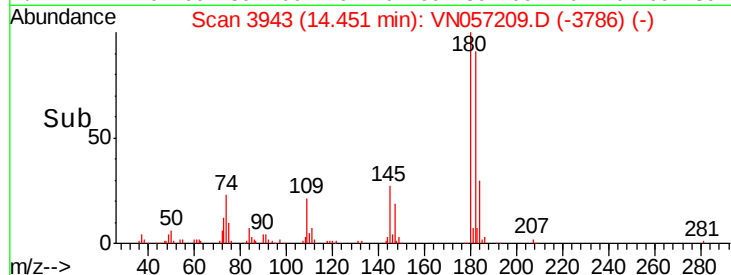
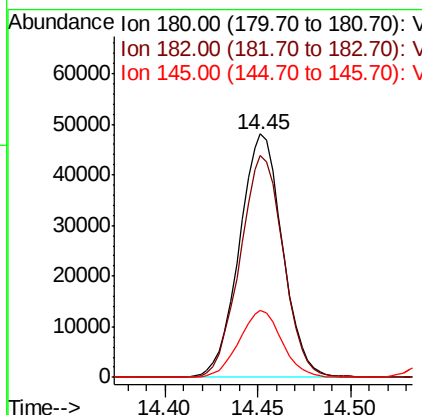
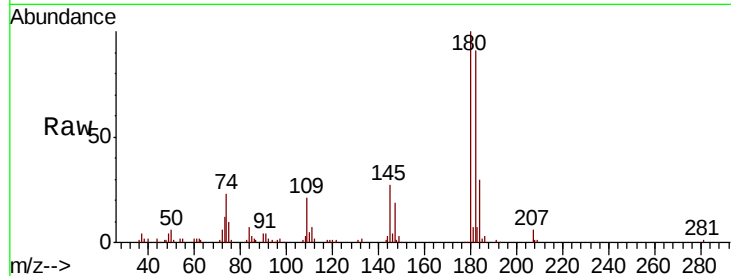




#89
 1,2,4-Trichlorobenzene
 Concen: 16.232 ug/l
 RT: 14.45 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VN057209.D
 Acq: 12 Aug 2019 12:11

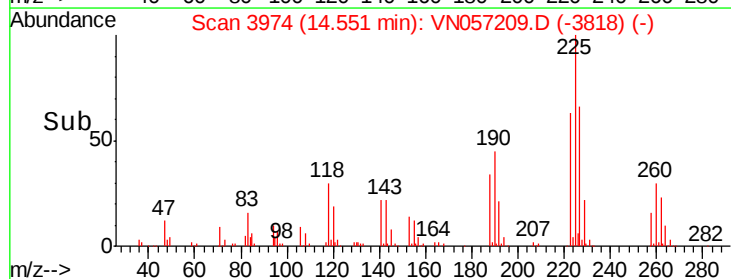
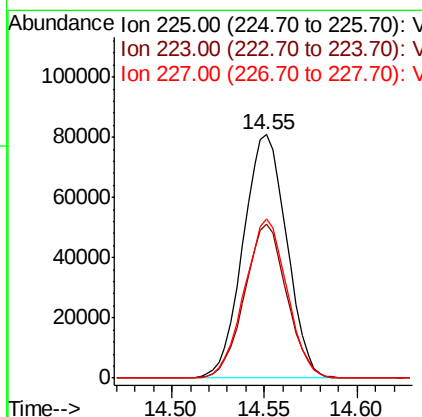
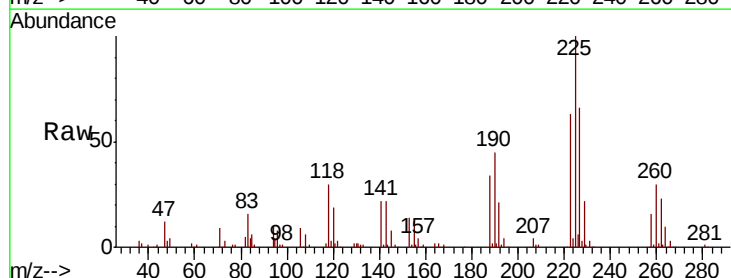
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

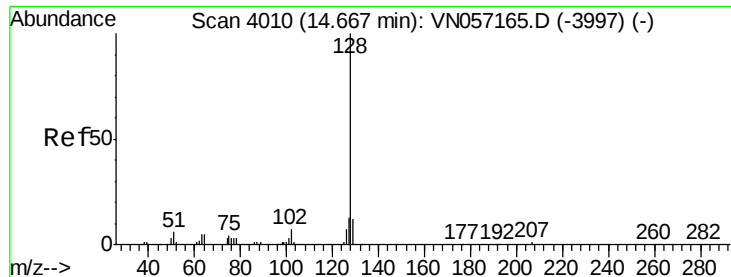
Tgt Ion:180 Resp: 77874
 Ion Ratio Lower Upper
 180 100
 182 91.6 75.0 112.6
 145 27.0 21.7 32.5



#90
 Hexachlorobutadiene
 Concen: 16.954 ug/l
 RT: 14.55 min Scan# 3974
 Delta R.T. 0.00 min
 Lab File: VN057209.D
 Acq: 12 Aug 2019 12:11

Tgt Ion:225 Resp: 131745
 Ion Ratio Lower Upper
 225 100
 223 61.2 0.0 128.0
 227 63.8 0.0 125.6

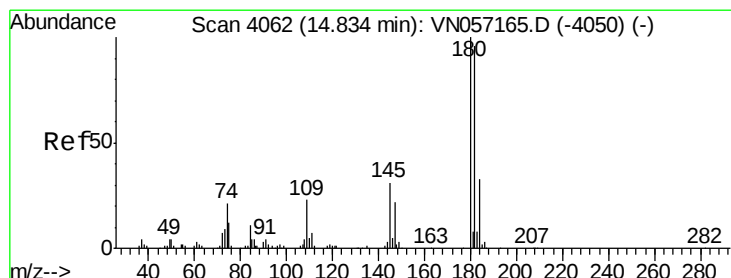
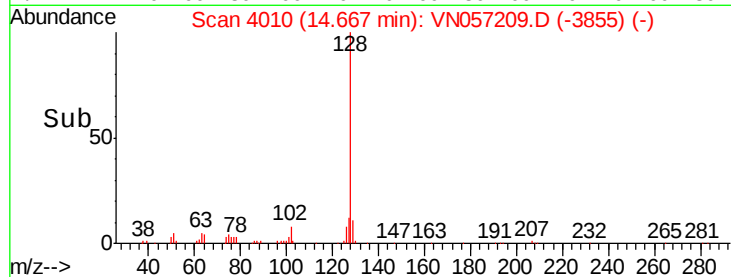
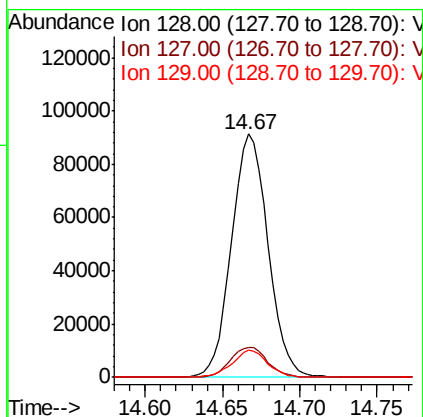
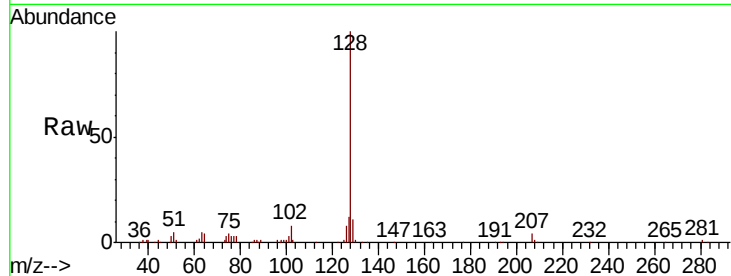




#91
Naphthalene
Concen: 10.937 ug/l
RT: 14.67 min Scan# 4010
Delta R.T. -0.00 min
Lab File: VN057209.D
Acq: 12 Aug 2019 12:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 149641
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.7 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 16.874 ug/l
RT: 14.84 min Scan# 4063
Delta R.T. 0.00 min
Lab File: VN057209.D
Acq: 12 Aug 2019 12:11

Tgt Ion:180 Resp: 82101
Ion Ratio Lower Upper
180 100
182 95.0 0.0 195.8
145 28.6 0.0 61.2

