

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092719\
 Data File : VN058418.D
 Acq On : 27 Sep 2019 19:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 28 00:07:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 27 23:01:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	452358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	769083	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	695968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	341503	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	325853	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
35) Dibromofluoromethane	7.57	113	239760	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
50) Toluene-d8	10.08	98	940149	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.41	95	348554	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	244787	61.404	ug/l	98
3) Chloromethane	2.04	50	262202	67.573	ug/l	99
4) Vinyl Chloride	2.17	62	264239	66.602	ug/l	98
5) Bromomethane	2.54	94	145658	71.905	ug/l	100
6) Chloroethane	2.68	64	159319	61.979	ug/l	98
7) Trichlorofluoromethane	3.00	101	314640	58.137	ug/l	97
8) Diethyl Ether	3.39	74	141845	58.340	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	216527	56.326	ug/l	98
10) Methyl Iodide	3.93	142	268610	76.719	ug/l	98
11) Tert butyl alcohol	4.76	59	202215	270.313	ug/l	97
12) 1,1-Dichloroethene	3.72	96	213119	63.148	ug/l	98
13) Acrolein	3.59	56	76294	581.341	ug/l	100
14) Allyl chloride	4.30	41	389826	61.167	ug/l	98
15) Acrylonitrile	4.96	53	567251	279.196	ug/l	100
16) Acetone	3.80	43	507955	231.757	ug/l	100
17) Carbon Disulfide	4.03	76	572770	93.991	ug/l	98
18) Methyl Acetate	4.30	43	275313	48.591	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	756034	53.514	ug/l	99
20) Methylene Chloride	4.53	84	248715	56.664	ug/l	97
21) trans-1,2-Dichloroethene	5.02	96	234859	64.160	ug/l	97
22) Diisopropyl ether	5.93	45	834730	53.698	ug/l	97
23) Vinyl Acetate	5.87	43	3485789	318.926	ug/l	100
24) 1,1-Dichloroethane	5.82	63	473358	56.123	ug/l	100
25) 2-Butanone	6.81	43	784979	265.041	ug/l	99
26) 2,2-Dichloropropane	6.81	77	359488	50.391	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	277292	57.791	ug/l	98
28) Bromochloromethane	7.18	49	188352	49.192	ug/l	100
29) Tetrahydrofuran	7.19	42	517010	280.478	ug/l	100
30) Chloroform	7.36	83	474253	52.898	ug/l	100
31) Cyclohexane	7.64	56	444631	65.720	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	404079	58.450	ug/l	99
36) 1,1-Dichloropropene	7.78	75	364527	61.336	ug/l	99
37) Ethyl Acetate	6.91	43	332145	56.361	ug/l	99
38) Carbon Tetrachloride	7.76	117	340748	58.375	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092719\
 Data File : VN058418.D
 Acq On : 27 Sep 2019 19:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Sep 28 00:07:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 27 23:01:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	436354	67.965	ug/l	97
40) Benzene	8.03	78	1057492	59.324	ug/l	99
41) Methacrylonitrile	7.19	41	489334	175.767	ug/l #	16
42) 1,2-Dichloroethane	8.11	62	408388	55.635	ug/l	99
43) Isopropyl Acetate	8.15	43	570530	52.124	ug/l #	90
44) Trichloroethene	8.82	130	261543	59.842	ug/l	99
45) 1,2-Dichloropropane	9.11	63	284375	54.816	ug/l	99
46) Dibromomethane	9.20	93	180721	56.831	ug/l	100
47) Bromodichloromethane	9.39	83	359722	54.960	ug/l	99
48) Methyl methacrylate	9.19	41	275582	55.524	ug/l	98
49) 1,4-Dioxane	9.19	88	93795	1191.114	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1694648	294.708	ug/l	99
52) Toluene	10.15	92	663156	59.785	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	399057	58.684	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	440832	58.559	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	256156	53.848	ug/l	97
56) Ethyl methacrylate	10.43	69	401437	58.085	ug/l	99
57) 1,3-Dichloropropane	10.71	76	447295	54.260	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	802152	253.585	ug/l	99
59) 2-Hexanone	10.75	43	1225839	287.747	ug/l	99
60) Dibromochloromethane	10.90	129	258459	56.444	ug/l	99
61) 1,2-Dibromoethane	11.00	107	258845	57.541	ug/l	100
64) Tetrachloroethene	10.63	164	215756	59.878	ug/l	99
65) Chlorobenzene	11.44	112	695549	55.143	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	244311	54.251	ug/l	99
67) Ethyl Benzene	11.51	91	1306772	59.965	ug/l	99
68) m/p-Xylenes	11.62	106	963220	117.204	ug/l	100
69) o-Xylene	11.95	106	461680	57.430	ug/l	98
70) Styrene	11.97	104	786201	57.383	ug/l	99
71) Bromoform	12.13	173	161870	57.093	ug/l #	99
73) Isopropylbenzene	12.25	105	1270319	57.480	ug/l	100
74) N-amyl acetate	12.07	43	527827	57.769	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	372154	51.601	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	472514	76.222	ug/l #	100
77) Bromobenzene	12.53	156	288442	52.345	ug/l	98
78) n-propylbenzene	12.60	91	1483503	59.032	ug/l	99
79) 2-Chlorotoluene	12.68	91	868557	55.607	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	1079699	57.963	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.31	75	104371	54.736	ug/l	98
82) 4-Chlorotoluene	12.78	91	905070	55.413	ug/l	100
83) tert-Butylbenzene	13.00	119	917895	55.792	ug/l	98
84) 1,2,4-Trimethylbenzene	13.05	105	1069235	57.648	ug/l	98
85) sec-Butylbenzene	13.18	105	1231987	57.267	ug/l	100
86) p-Isopropyltoluene	13.30	119	1110553	58.195	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	533046	53.342	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	532859	52.383	ug/l	100
89) n-Butylbenzene	13.62	91	983880	55.141	ug/l	100
90) Hexachloroethane	13.88	117	171242	57.961	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	525968	52.920	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.28	75	74006	57.114	ug/l	96

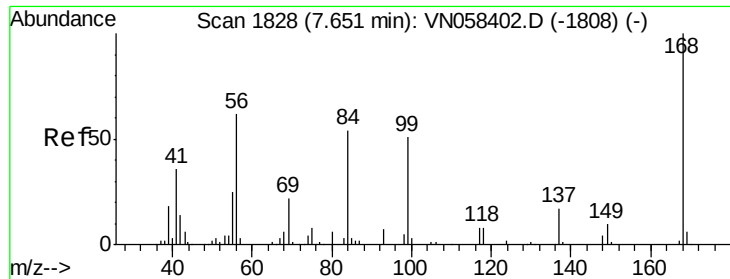
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092719\
Data File : VN058418.D
Acq On : 27 Sep 2019 19:04
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 28 00:07:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 27 23:01:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	317152	50.722	ug/l	99
94) Hexachlorobutadiene	15.02	225	143055	47.252	ug/l	99
95) Naphthalene	15.14	128	876919	54.240	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	299247	50.955	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058418.D

Acq: 27 Sep 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

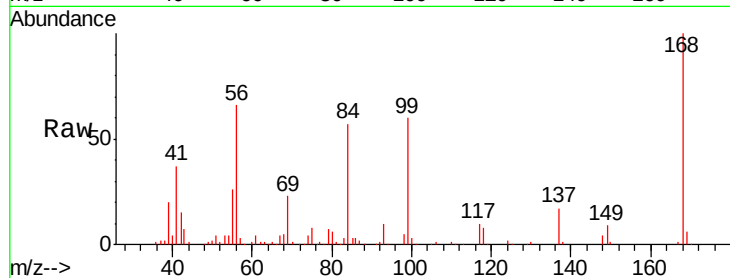
VSTDCCC050EC

Tgt Ion:168 Resp: 452358

Ion Ratio Lower Upper

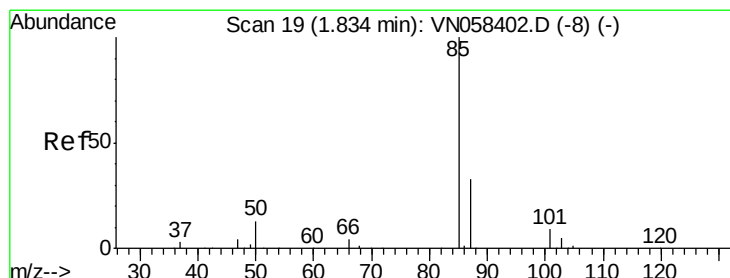
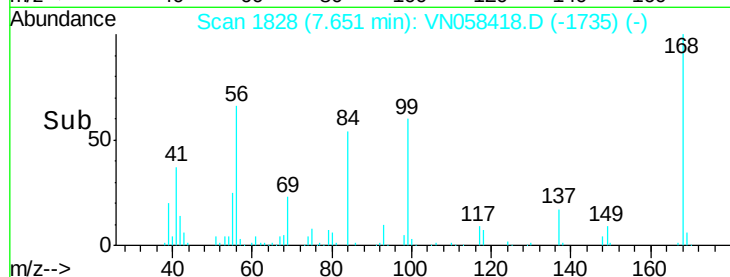
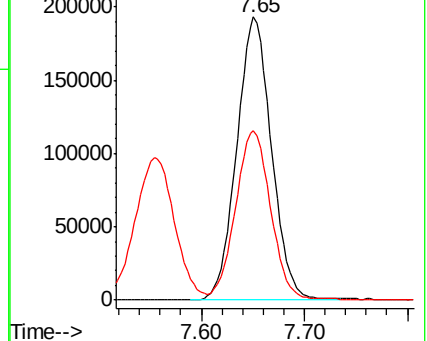
168 100

99 59.3 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 61.404 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN058418.D

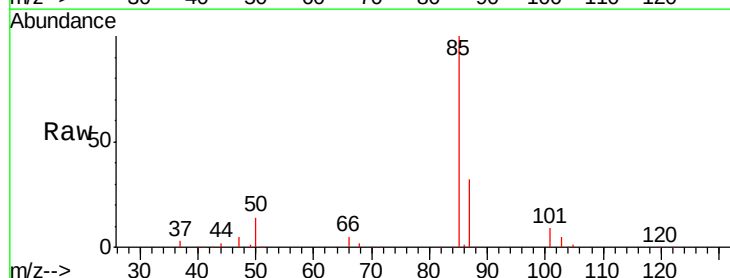
Acq: 27 Sep 2019 19:04

Tgt Ion: 85 Resp: 244787

Ion Ratio Lower Upper

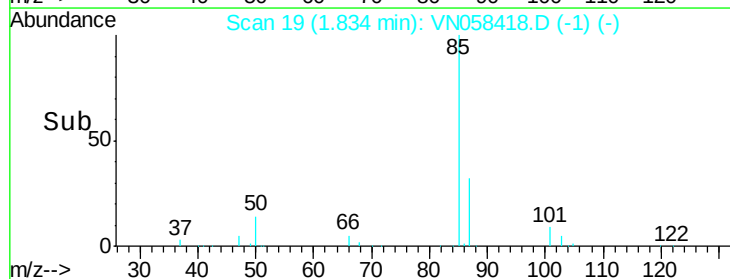
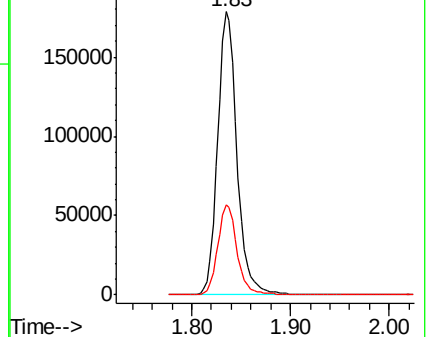
85 100

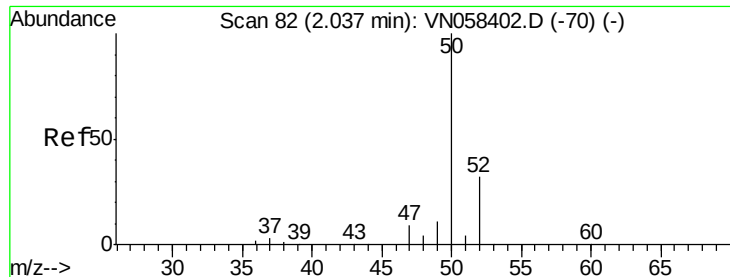
87 31.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 67.573 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN058418.D

Acq: 27 Sep 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

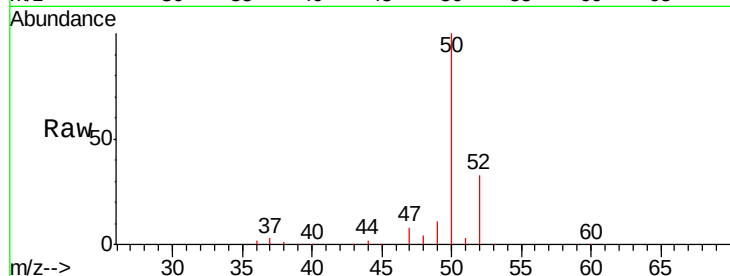
VSTDCCC050EC

Tgt Ion: 50 Resp: 262202

Ion Ratio Lower Upper

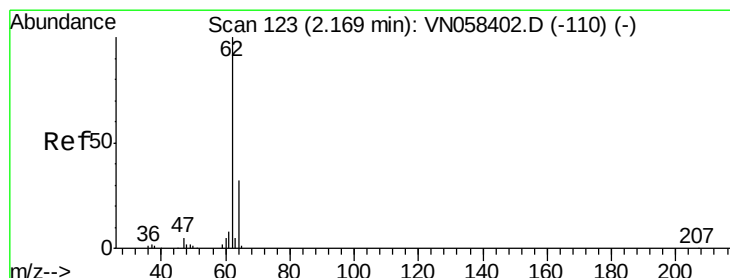
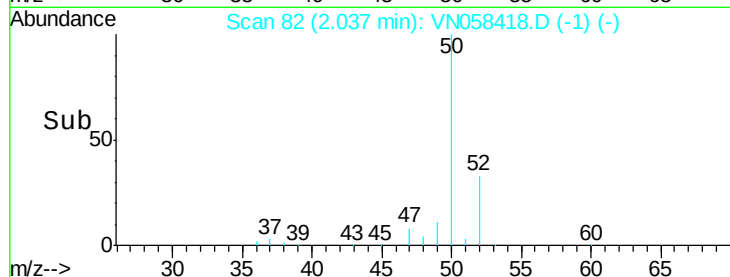
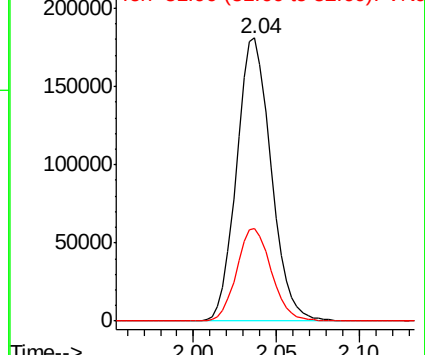
50 100

52 32.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 66.602 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN058418.D

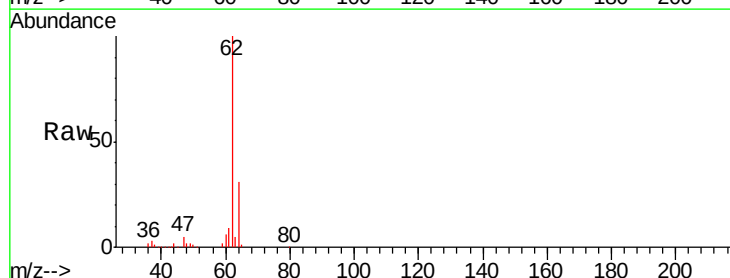
Acq: 27 Sep 2019 19:04

Tgt Ion: 62 Resp: 264239

Ion Ratio Lower Upper

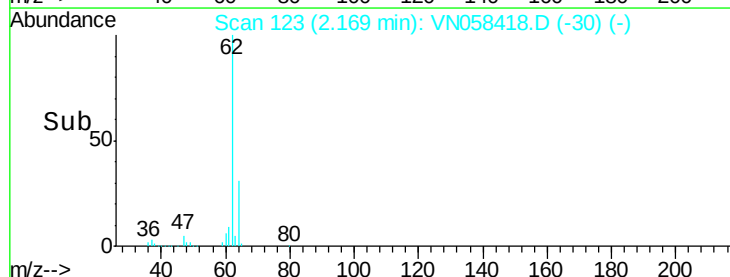
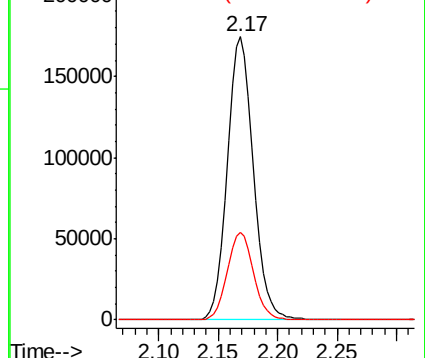
62 100

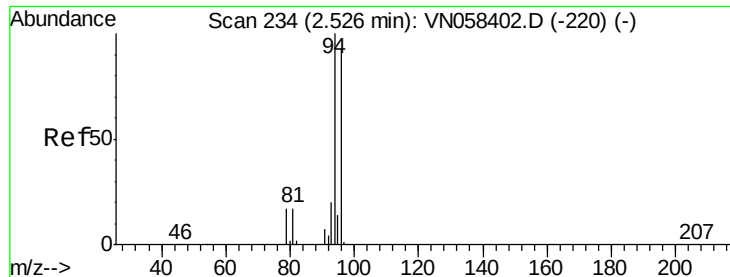
64 31.1 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 71.905 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.02 min

Lab File: VN058418.D

Acq: 27 Sep 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

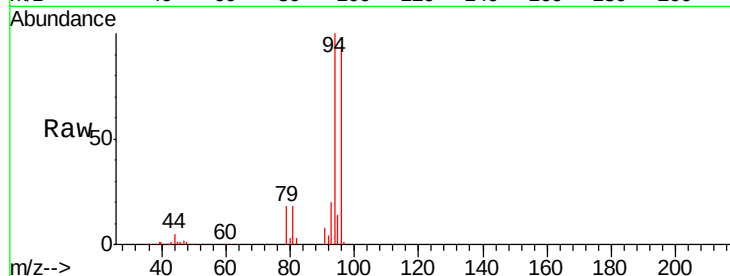
VSTDCCC050EC

Tgt Ion: 94 Resp: 145658

Ion Ratio Lower Upper

94 100

96 93.7 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.54

80000

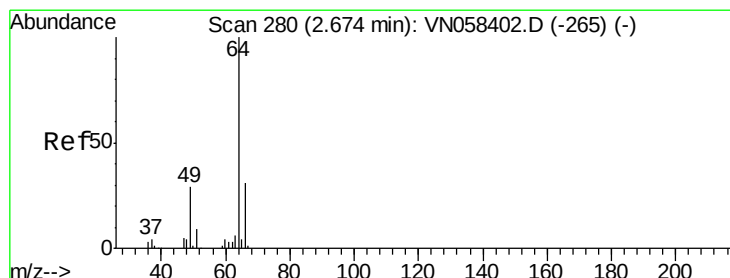
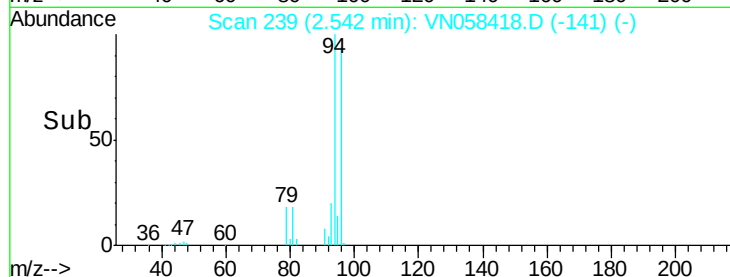
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 61.979 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.01 min

Lab File: VN058418.D

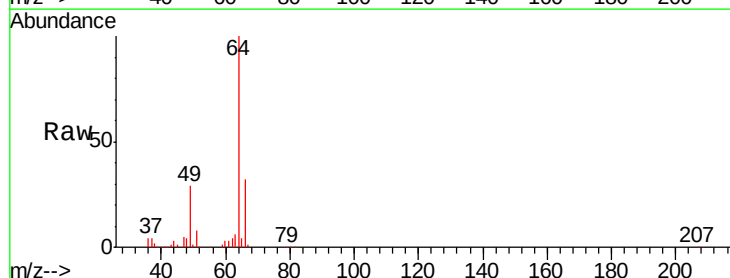
Acq: 27 Sep 2019 19:04

Tgt Ion: 64 Resp: 159319

Ion Ratio Lower Upper

64 100

66 31.7 24.4 36.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

80000

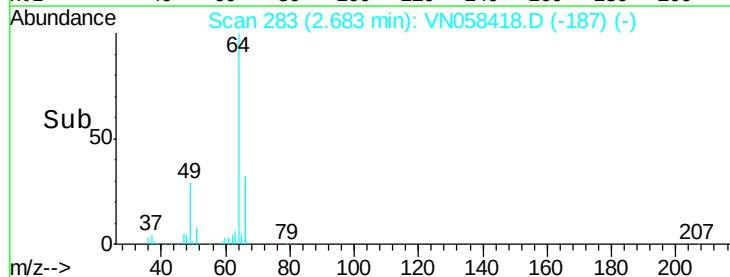
60000

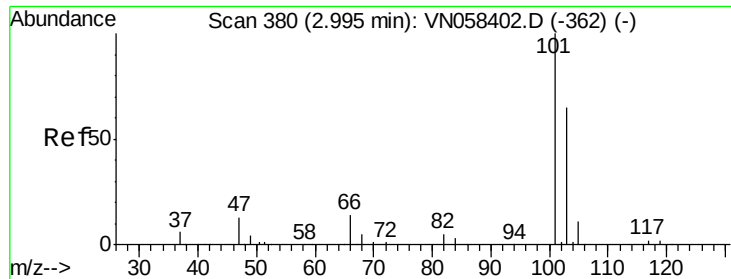
40000

20000

0

Time-->



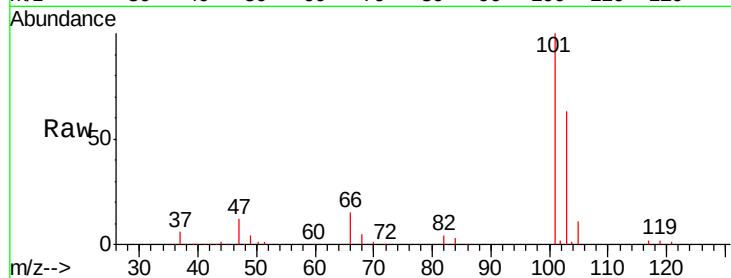


#7

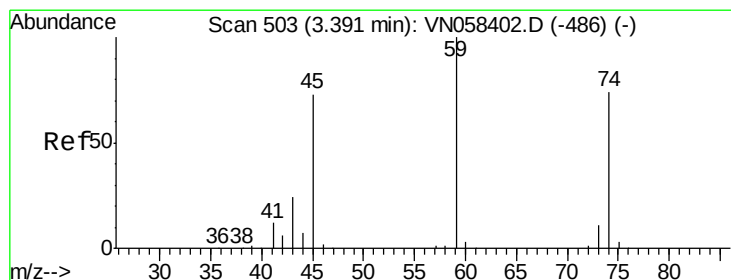
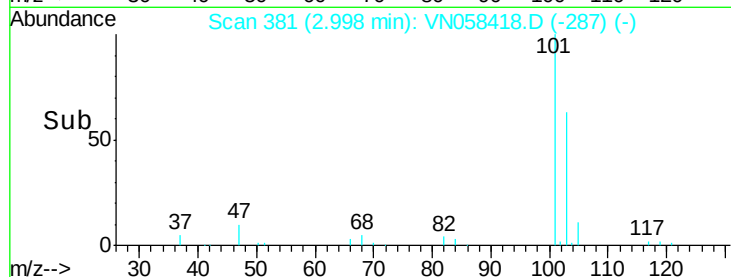
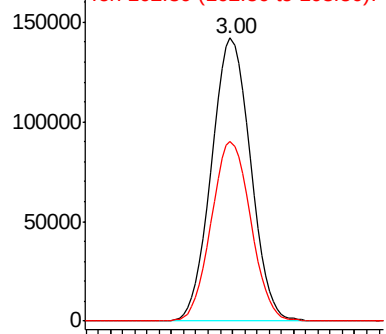
Trichlorofluoromethane
Concen: 58.137 ug/l
RT: 3.00 min Scan# 381
Delta R.T. 0.00 min
Lab File: VN058418.D
Acq: 27 Sep 2019 19:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 314640
Ion Ratio Lower Upper
101 100
103 63.3 52.3 78.5



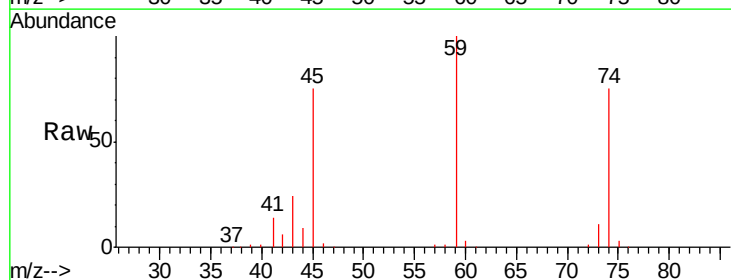
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



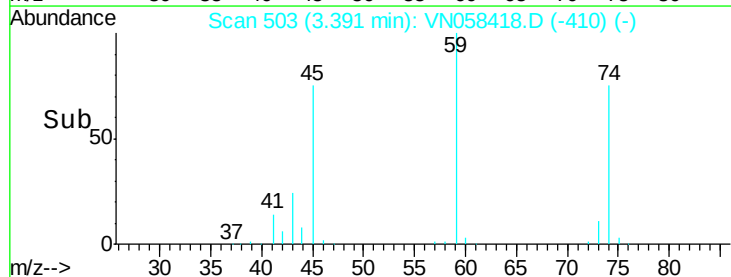
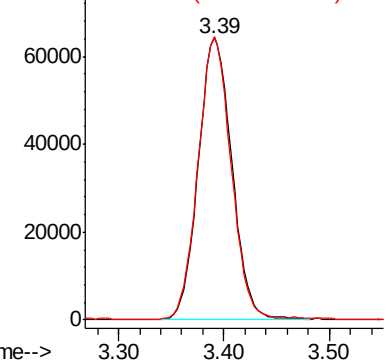
#8

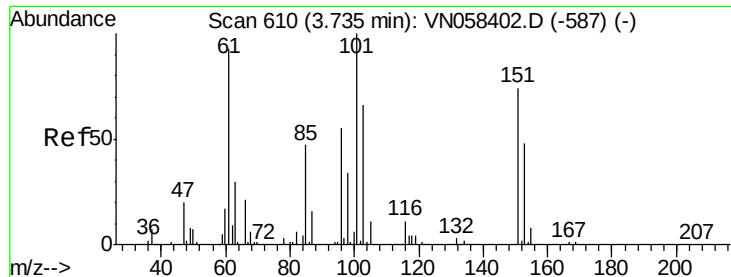
Diethyl Ether
Concen: 58.340 ug/l
RT: 3.39 min Scan# 503
Delta R.T. -0.00 min
Lab File: VN058418.D
Acq: 27 Sep 2019 19:04

Tgt Ion: 74 Resp: 141845
Ion Ratio Lower Upper
74 100
45 97.8 50.5 151.6



Abundance Ion 74.00 (73.70 to 74.70): VNO
Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.326 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.01 min

Lab File: VN058418.D

Acq: 27 Sep 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

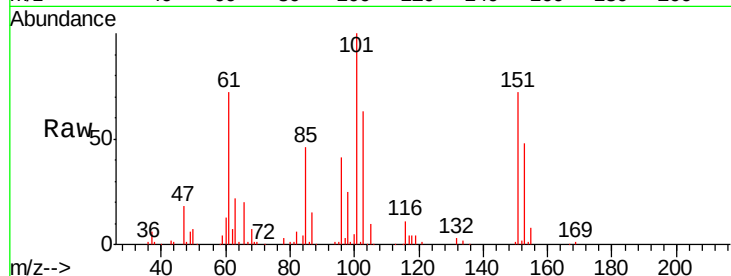
Tgt Ion:101 Resp: 216527

Ion Ratio Lower Upper

101 100

85 46.6 36.7 55.1

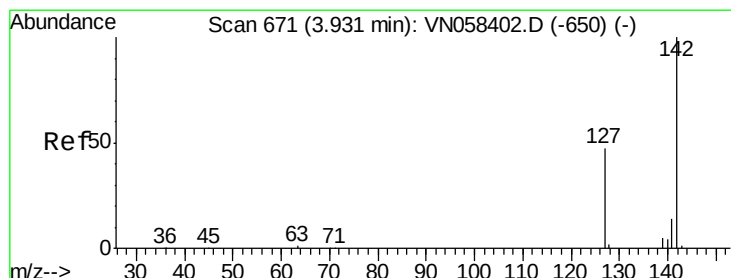
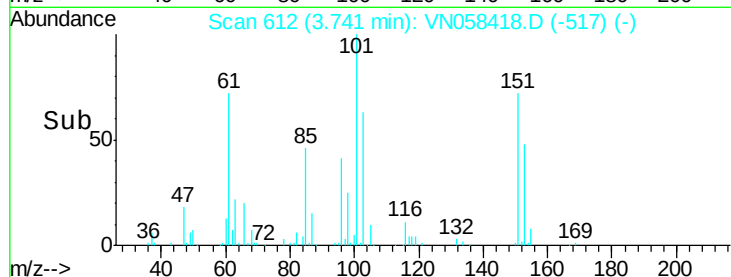
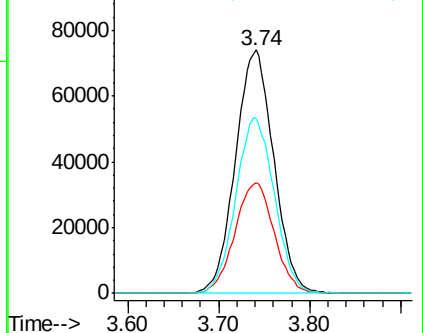
151 72.6 59.4 89.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 76.719 ug/l

RT: 3.93 min Scan# 672

Delta R.T. 0.00 min

Lab File: VN058418.D

Acq: 27 Sep 2019 19:04

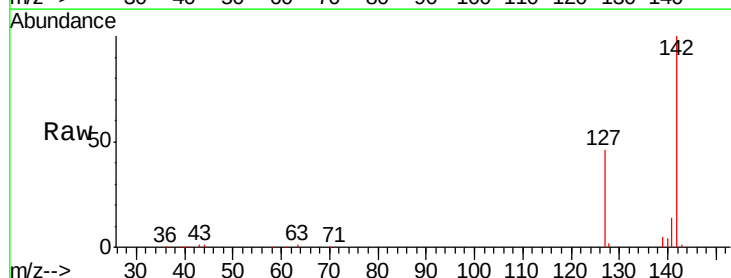
Tgt Ion:142 Resp: 268610

Ion Ratio Lower Upper

142 100

127 44.9 37.2 55.8

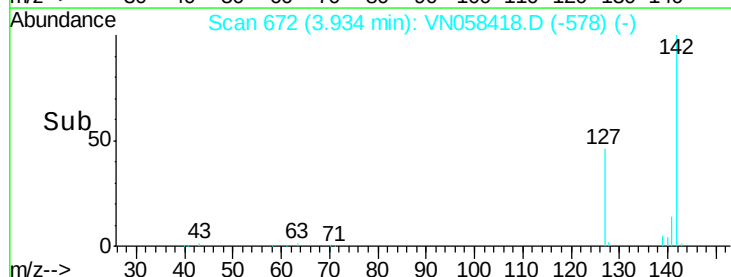
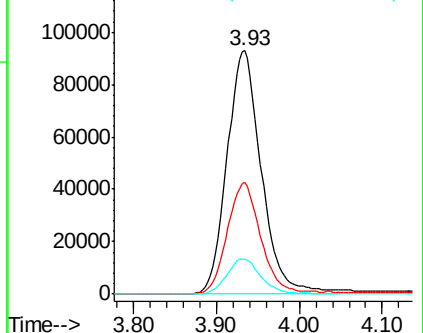
141 14.2 11.3 16.9

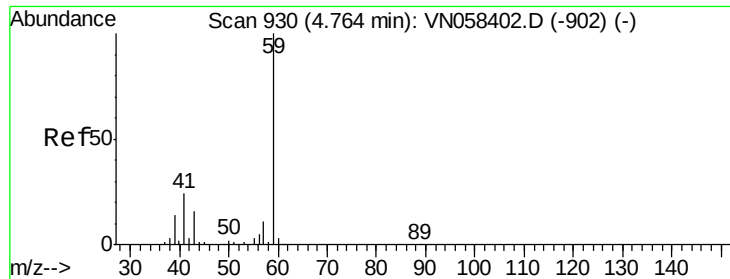


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

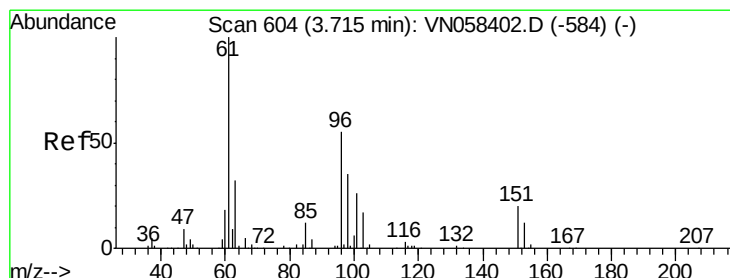
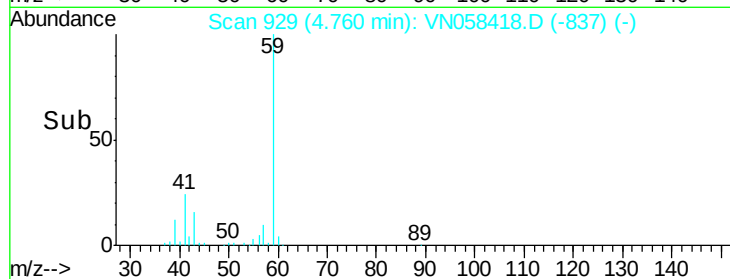
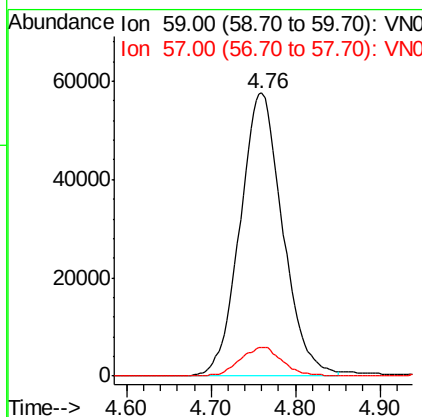
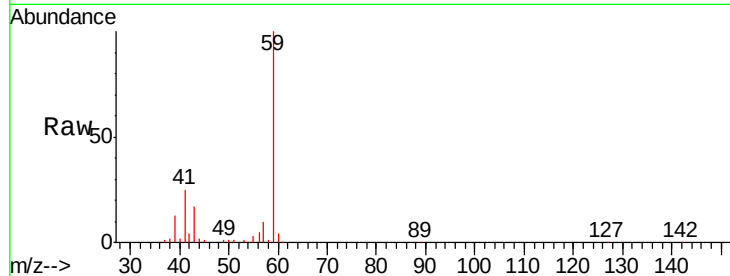




#11
Tert butyl alcohol
Concen: 270.313 ug/l
RT: 4.76 min Scan# 929
Delta R.T. -0.00 min
Lab File: VN058418.D
Acq: 27 Sep 2019 19:04

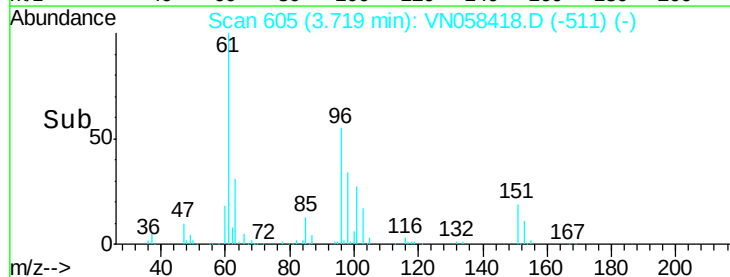
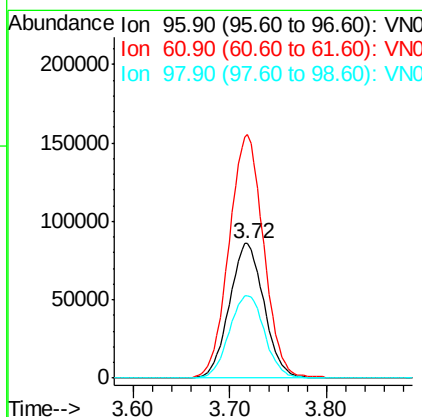
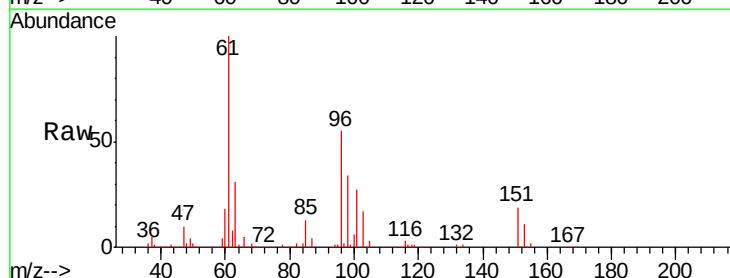
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

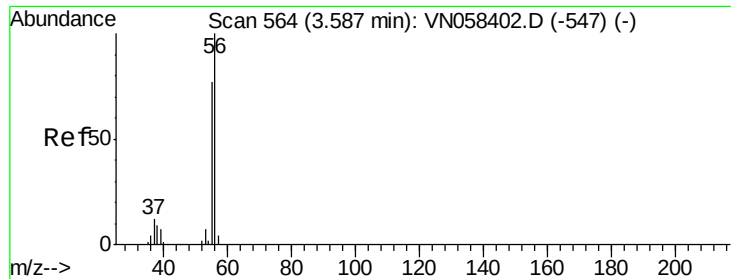
Tgt Ion: 59 Resp: 202215
Ion Ratio Lower Upper
59 100
57 10.1 9.0 13.4



#12
1,1-Dichloroethene
Concen: 63.148 ug/l
RT: 3.72 min Scan# 605
Delta R.T. 0.00 min
Lab File: VN058418.D
Acq: 27 Sep 2019 19:04

Tgt Ion: 96 Resp: 213119
Ion Ratio Lower Upper
96 100
61 180.5 146.7 220.1
98 61.4 51.3 76.9





#13

Acrolein

Concen: 581.341 ug/l

RT: 3.59 min Scan# 564

Delta R.T. -0.00 min

Lab File: VN058418.D

Acq: 27 Sep 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

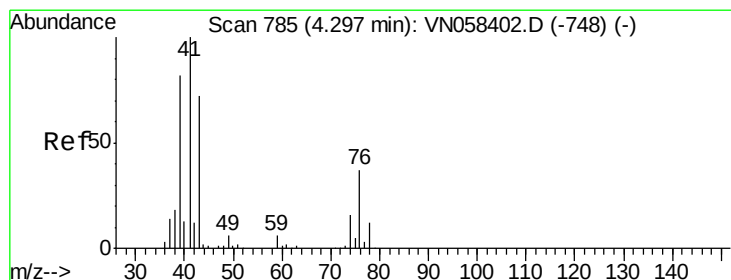
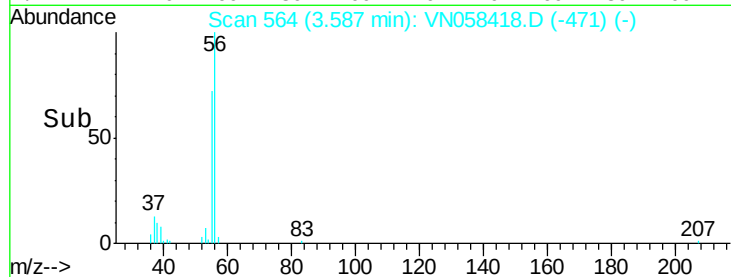
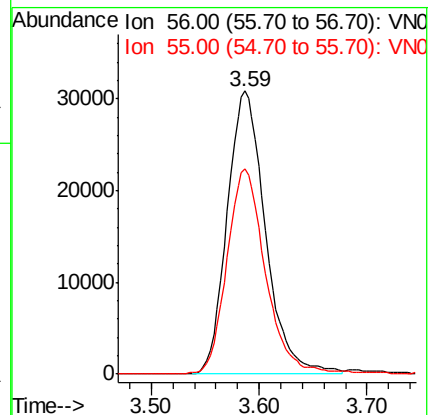
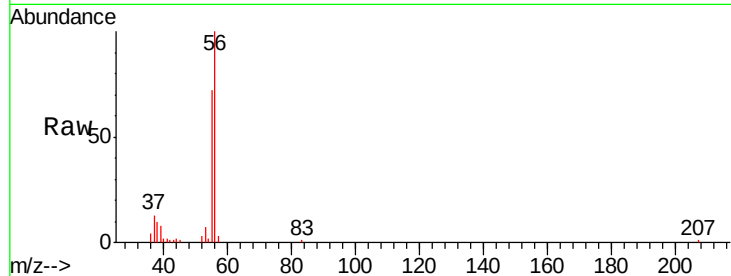
VSTDCCC050EC

Tgt Ion: 56 Resp: 76294

Ion Ratio Lower Upper

56 100

55 72.7 58.3 87.5



#14

Allyl chloride

Concen: 61.167 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.00 min

Lab File: VN058418.D

Acq: 27 Sep 2019 19:04

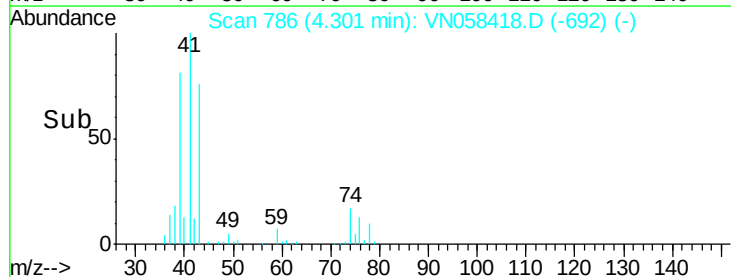
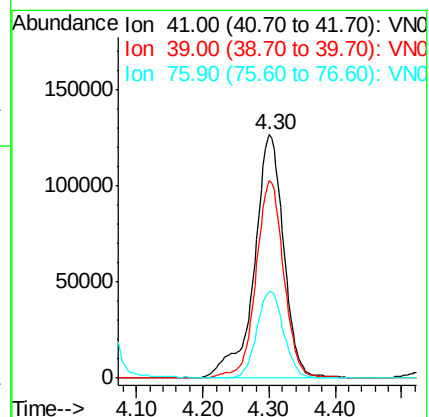
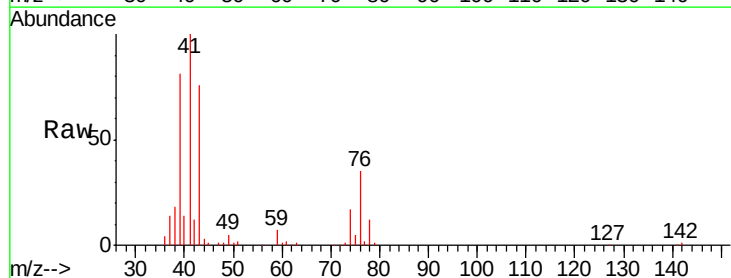
Tgt Ion: 41 Resp: 389826

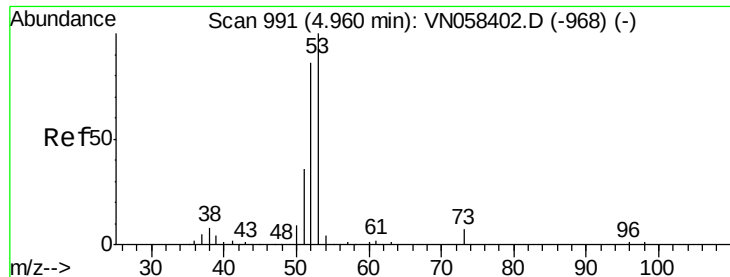
Ion Ratio Lower Upper

41 100

39 76.3 62.3 93.5

76 32.1 26.9 40.3





#15

Acrylonitrile

Concen: 279.196 ug/l

RT: 4.96 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN058418.D

Acq: 27 Sep 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

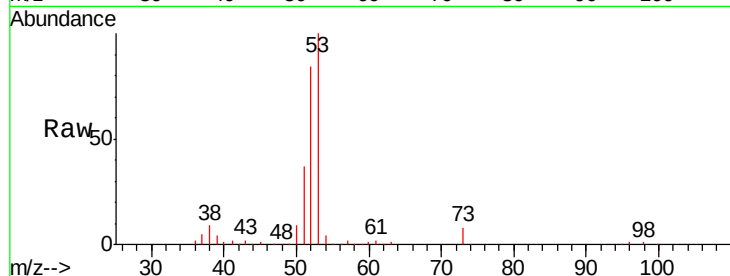
Tgt Ion: 53 Resp: 567251

Ion Ratio Lower Upper

53 100

52 83.5 66.6 100.0

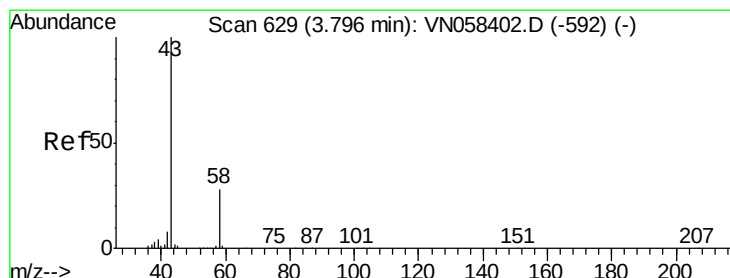
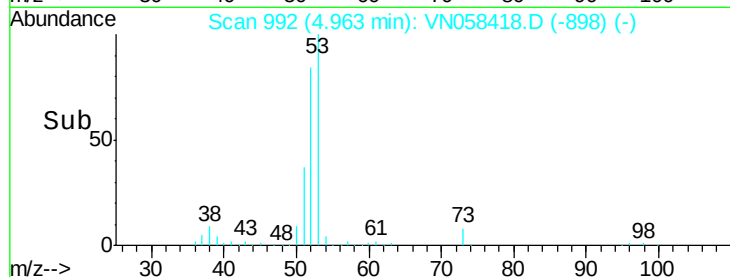
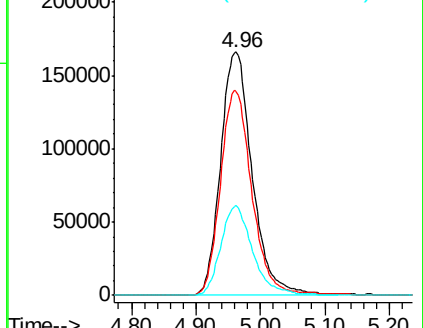
51 37.2 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 231.757 ug/l

RT: 3.80 min Scan# 629

Delta R.T. -0.00 min

Lab File: VN058418.D

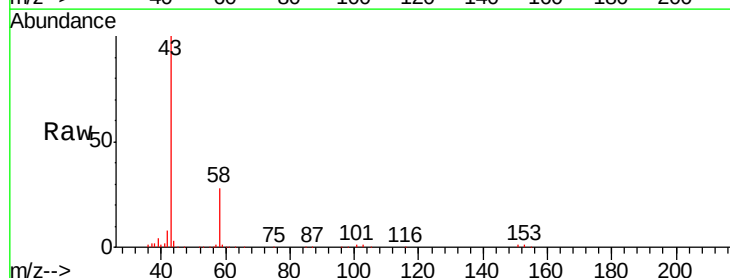
Acq: 27 Sep 2019 19:04

Tgt Ion: 43 Resp: 507955

Ion Ratio Lower Upper

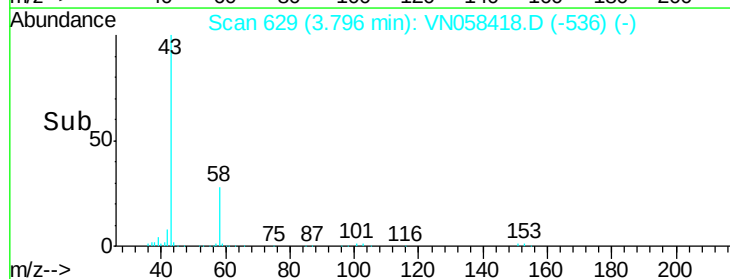
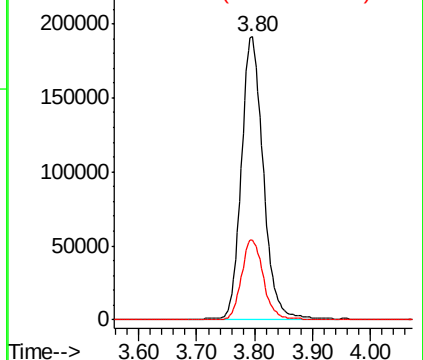
43 100

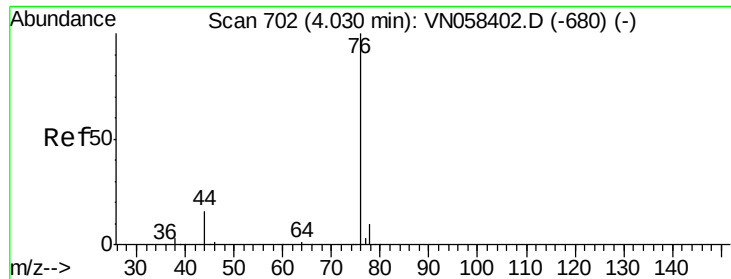
58 28.1 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

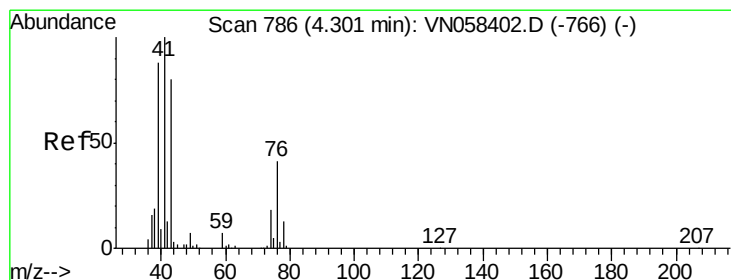
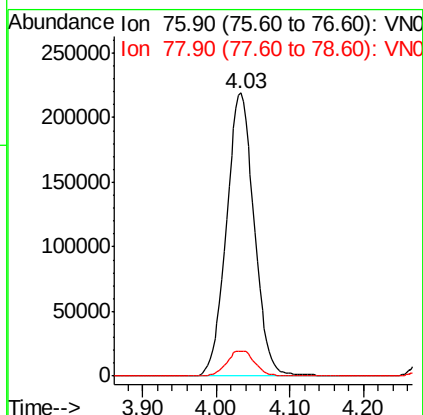
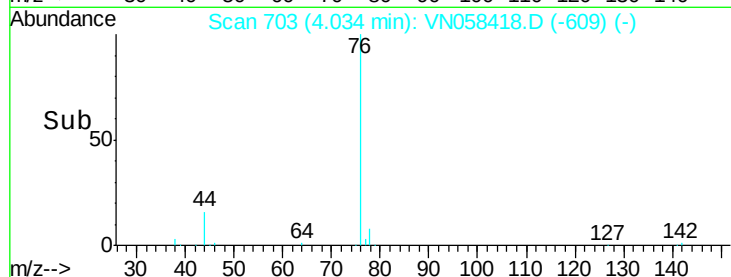
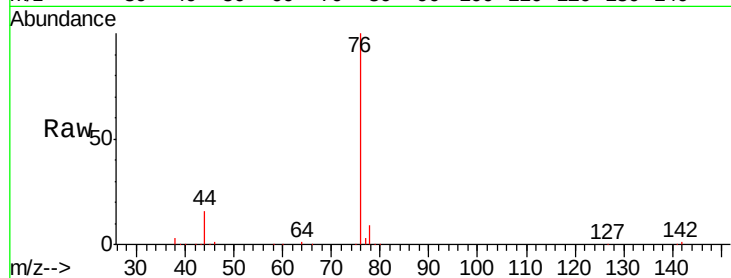




#17
Carbon Disulfide
Concen: 93.991 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.00 min
Lab File: VN058418.D
Acq: 27 Sep 2019 19:04

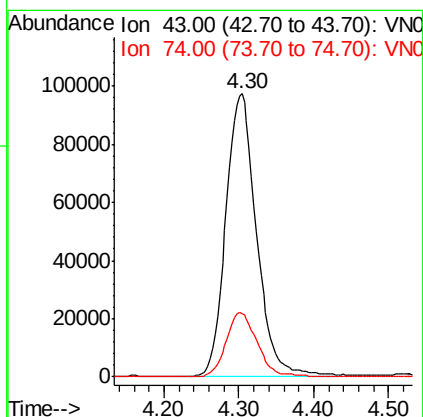
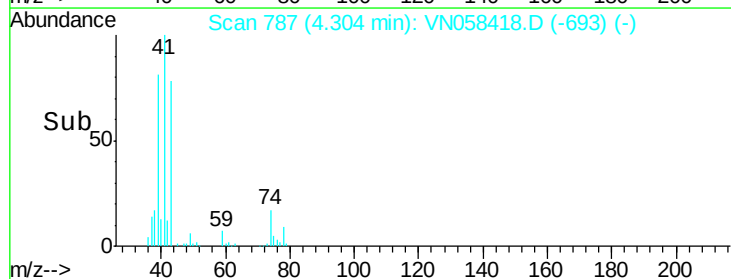
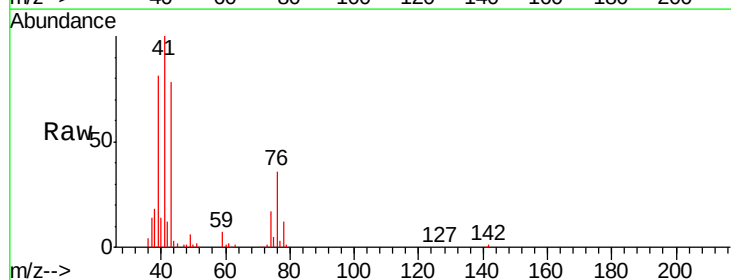
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

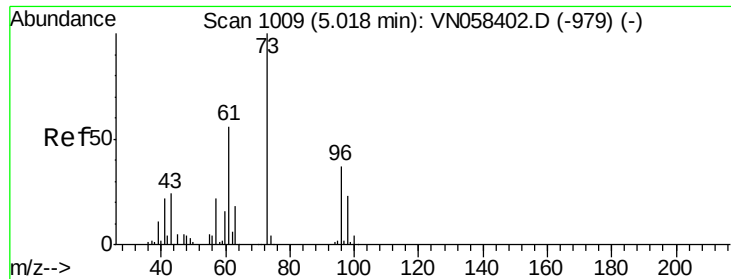
Tgt Ion: 76 Resp: 572770
Ion Ratio Lower Upper
76 100
78 8.9 7.7 11.5



#18
Methyl Acetate
Concen: 48.591 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.00 min
Lab File: VN058418.D
Acq: 27 Sep 2019 19:04

Tgt Ion: 43 Resp: 275313
Ion Ratio Lower Upper
43 100
74 23.2 18.0 27.0

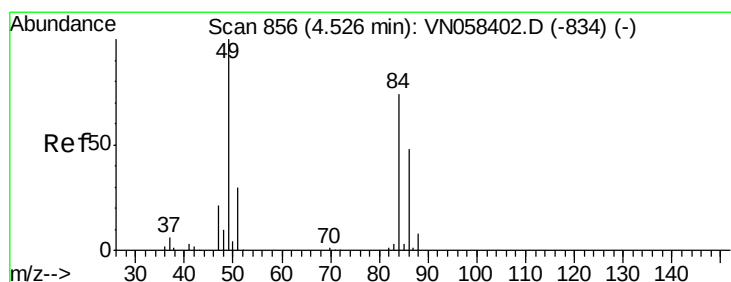
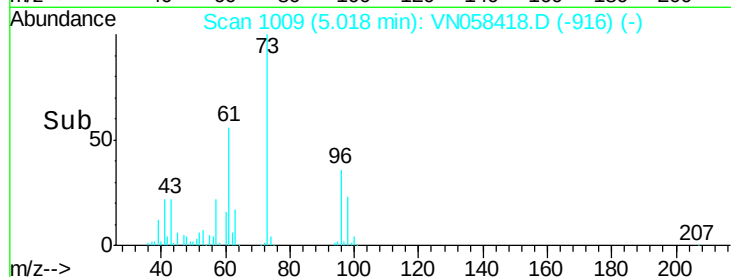
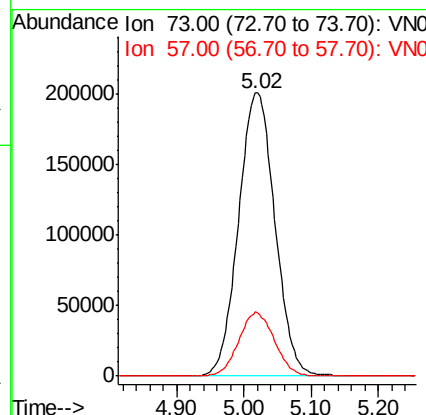
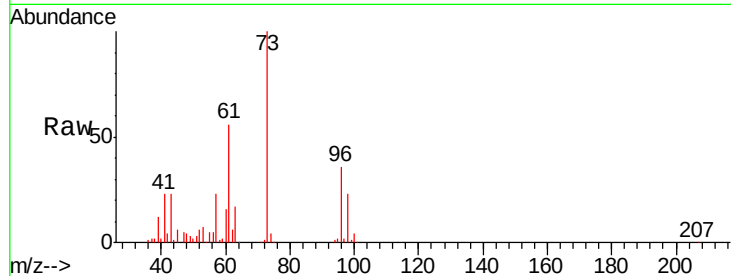




#19
Methyl tert-butyl Ether
Concen: 53.514 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN058418.D
Acq: 27 Sep 2019 19:04

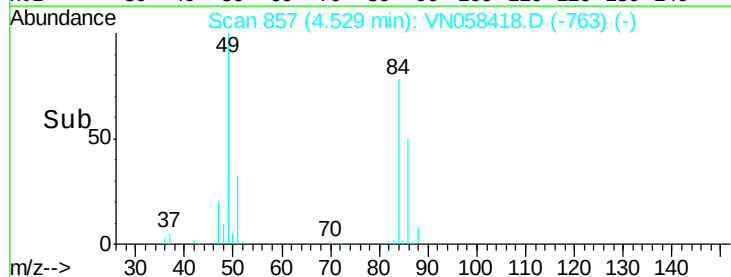
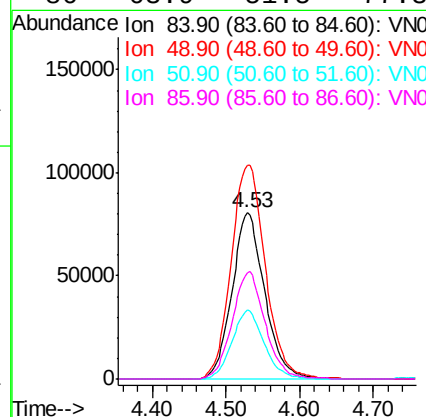
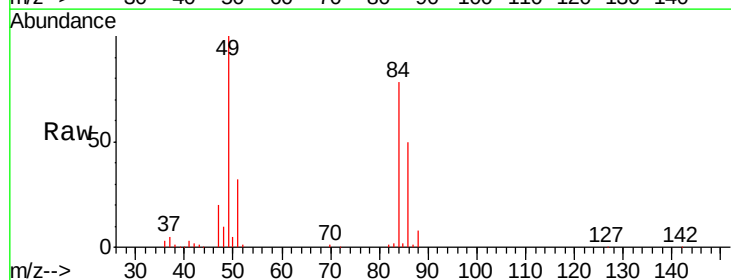
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

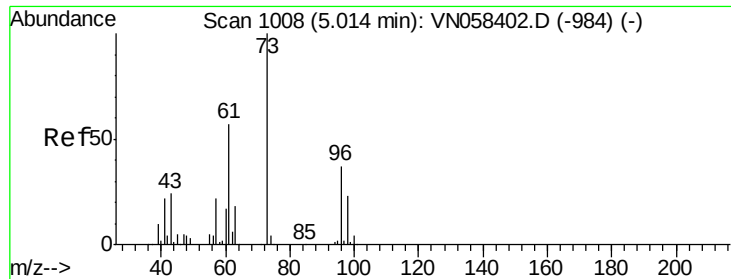
Tgt Ion: 73 Resp: 756034
Ion Ratio Lower Upper
73 100
57 22.6 17.6 26.4



#20
Methylene Chloride
Concen: 56.664 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058418.D
Acq: 27 Sep 2019 19:04

Tgt Ion: 84 Resp: 248715
Ion Ratio Lower Upper
84 100
49 128.5 107.9 161.9
51 41.4 32.8 49.2
86 63.9 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 64.160 ug/l

RT: 5.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: VN058418.D

Acq: 27 Sep 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

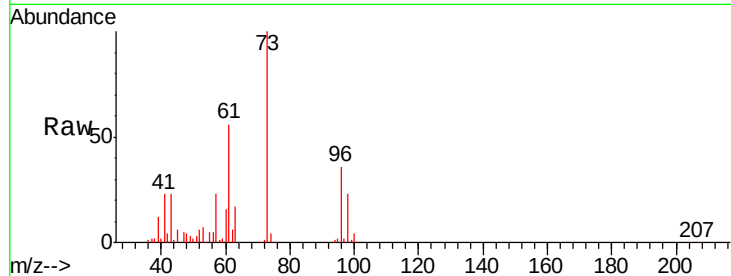
Tgt Ion: 96 Resp: 234859

Ion Ratio Lower Upper

96 100

61 155.5 121.9 182.9

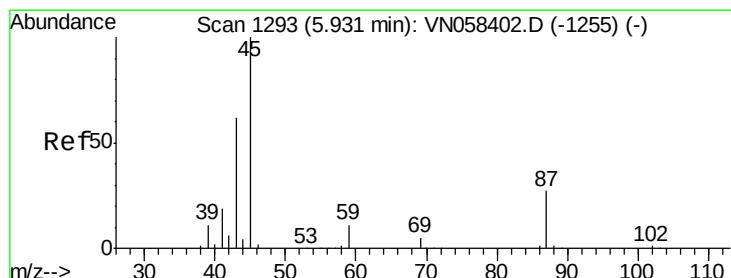
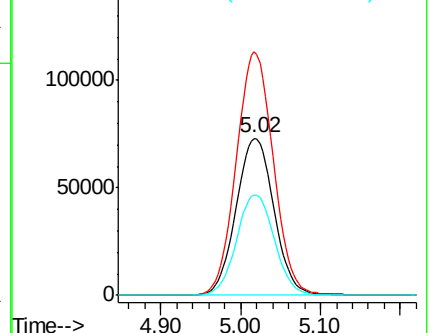
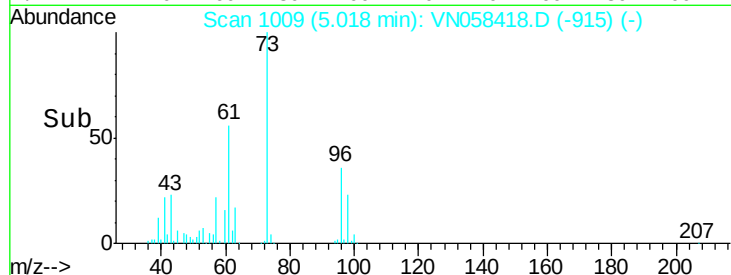
98 64.3 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VN058418.D (-1200) (-)

Ion 60.90 (60.60 to 61.60): VN058418.D (-1200) (-)

Ion 97.90 (97.60 to 98.60): VN058418.D (-1200) (-)



#22

Diisopropyl ether

Concen: 53.698 ug/l

RT: 5.93 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VN058418.D

Acq: 27 Sep 2019 19:04

Tgt Ion: 45 Resp: 834730

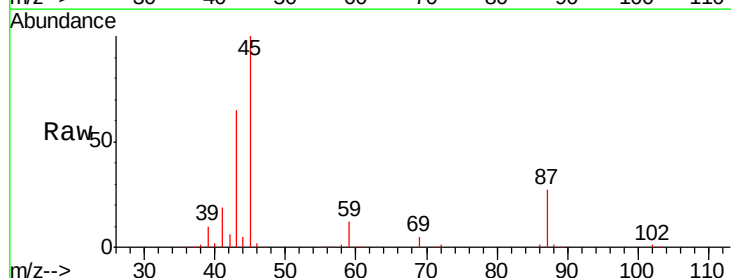
Ion Ratio Lower Upper

45 100

43 65.0 49.7 74.5

87 26.5 21.5 32.3

59 11.6 8.9 13.3

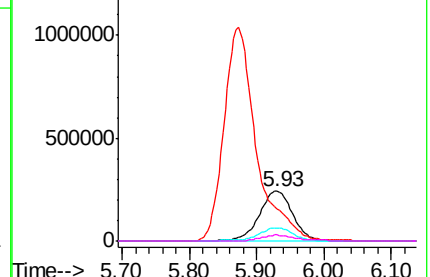
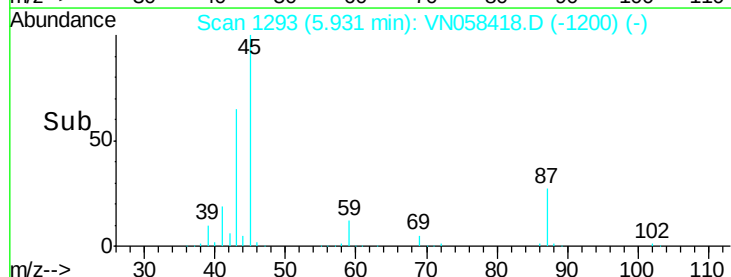


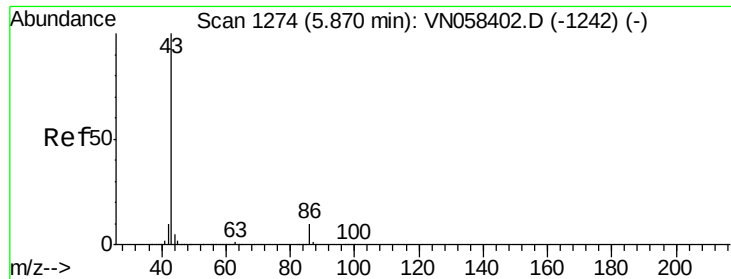
Abundance Ion 45.00 (44.70 to 45.70): VN058418.D (-1200) (-)

Ion 43.00 (42.70 to 43.70): VN058418.D (-1200) (-)

Ion 87.00 (86.70 to 87.70): VN058418.D (-1200) (-)

Ion 59.00 (58.70 to 59.70): VN058418.D (-1200) (-)

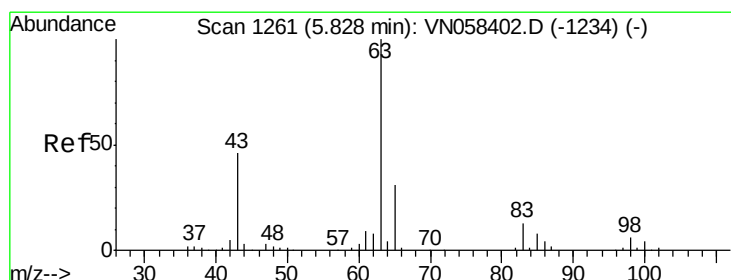
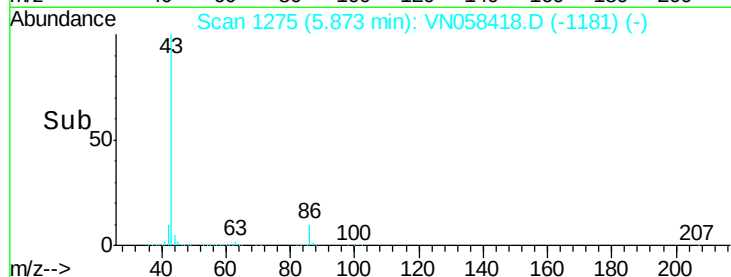
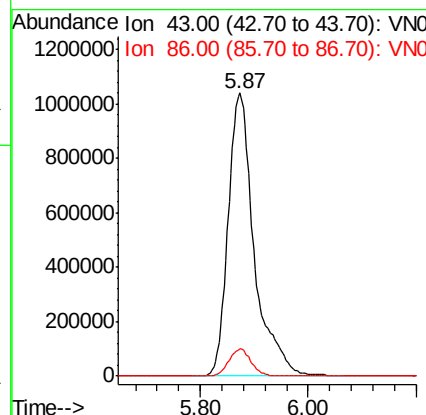
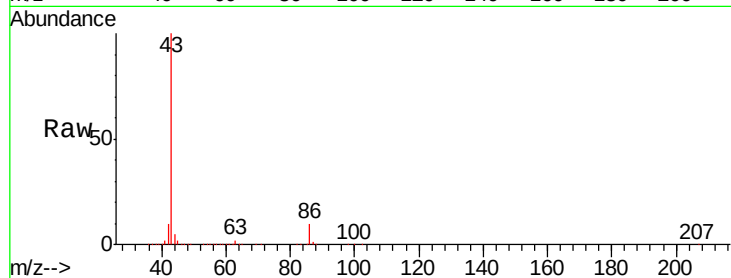




#23
 Vinyl Acetate
 Concen: 318.926 ug/l
 RT: 5.87 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: VN058418.D
 Acq: 27 Sep 2019 19:04

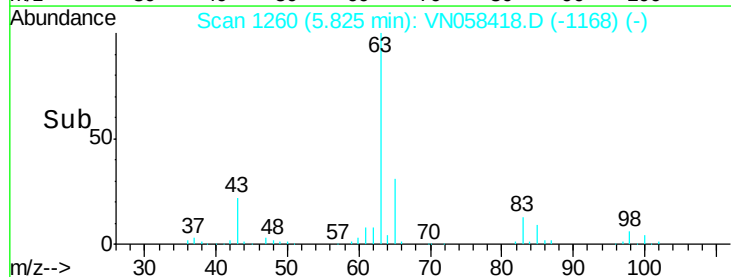
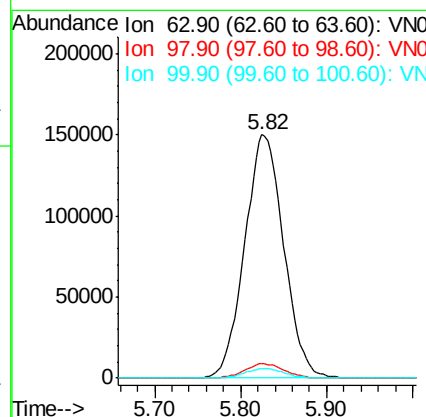
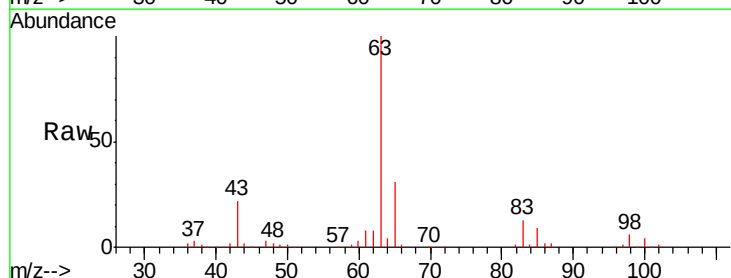
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

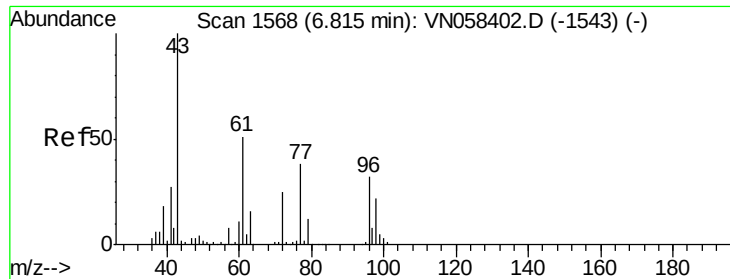
Tgt Ion: 43 Resp: 3485789
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 56.123 ug/l
 RT: 5.82 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VN058418.D
 Acq: 27 Sep 2019 19:04

Tgt Ion: 63 Resp: 473358
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.0 9.0
 100 4.0 2.0 5.8

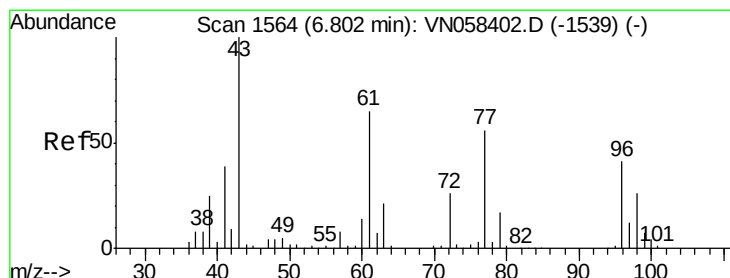
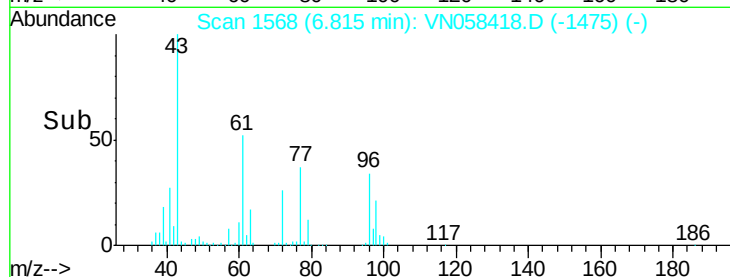
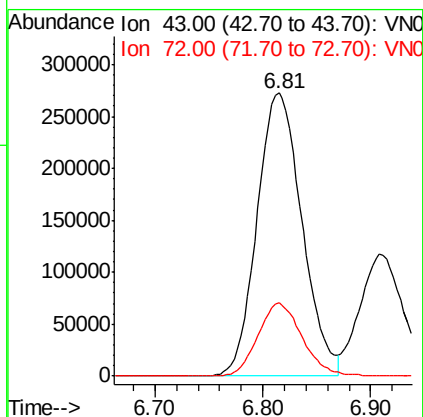
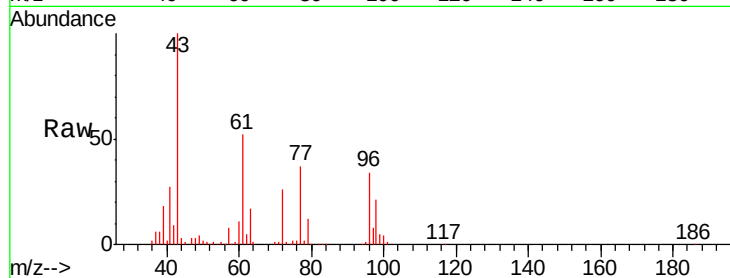




#25
2-Butanone
Concen: 265.041 ug/l
RT: 6.81 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VN058418.D
Acq: 27 Sep 2019 19:04

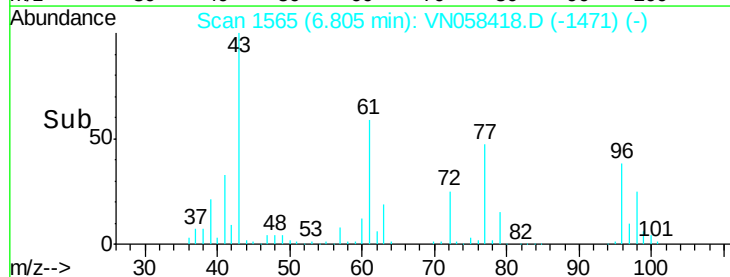
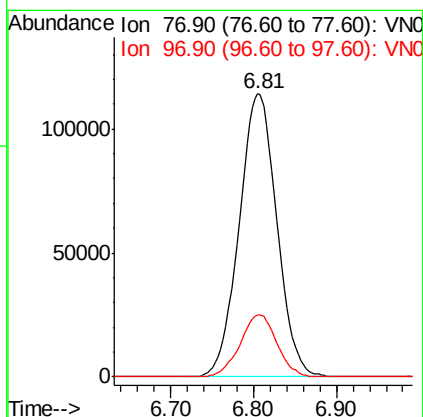
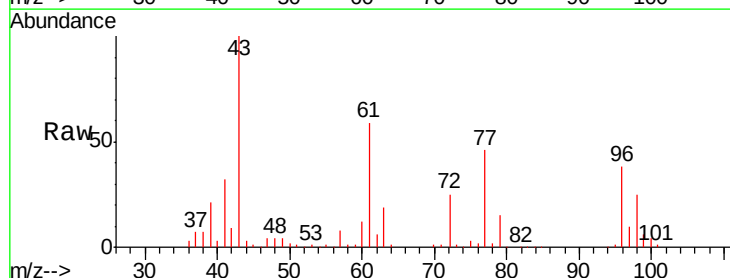
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

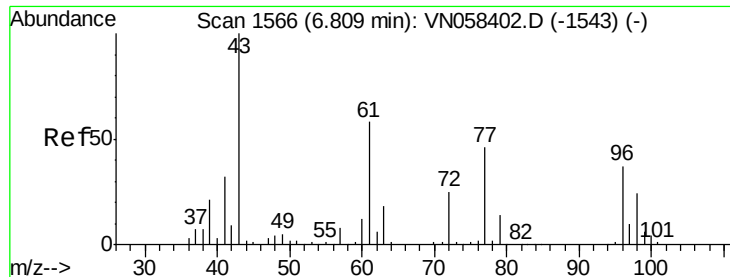
Tgt Ion: 43 Resp: 784979
Ion Ratio Lower Upper
43 100
72 25.9 20.2 30.4



#26
2,2-Dichloropropane
Concen: 50.391 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VN058418.D
Acq: 27 Sep 2019 19:04

Tgt Ion: 77 Resp: 359488
Ion Ratio Lower Upper
77 100
97 21.5 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 57.791 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN058418.D

Acq: 27 Sep 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

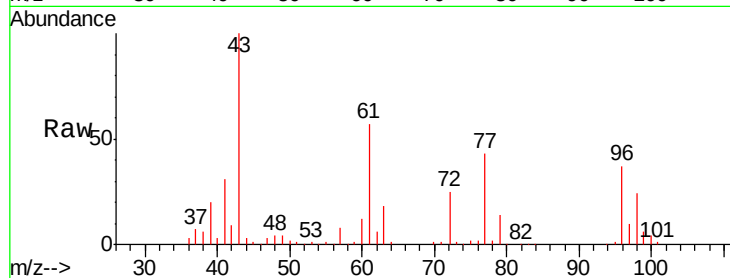
Tgt Ion: 96 Resp: 277292

Ion Ratio Lower Upper

96 100

61 156.8 0.0 318.8

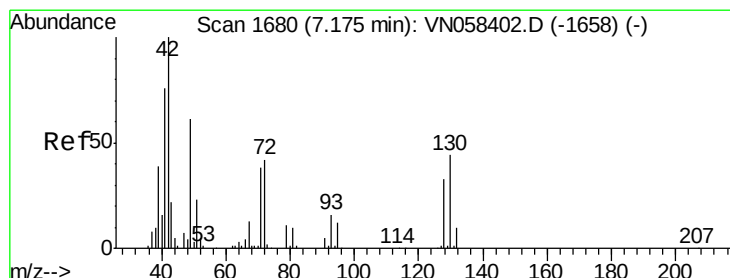
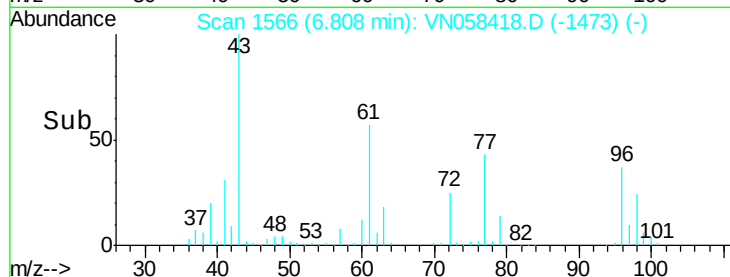
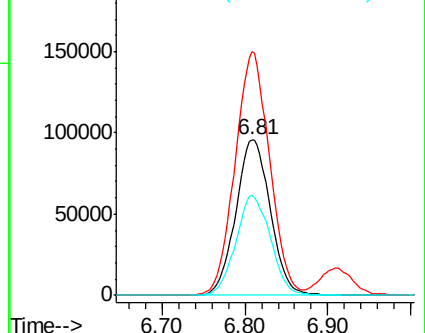
98 64.4 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 49.192 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN058418.D

Acq: 27 Sep 2019 19:04

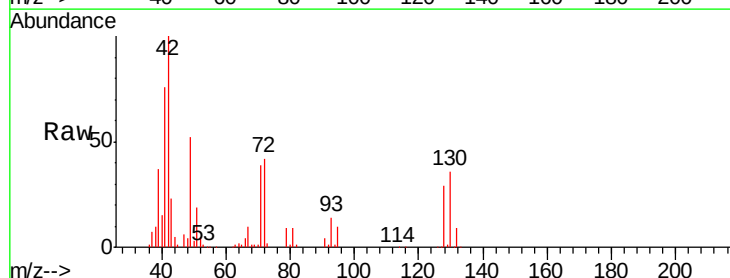
Tgt Ion: 49 Resp: 188352

Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.4

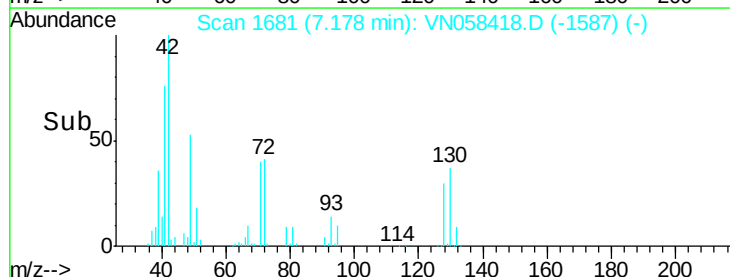
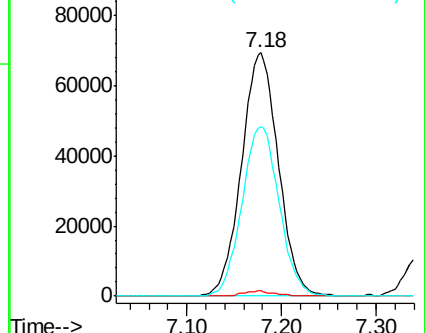
130 70.3 56.3 84.5

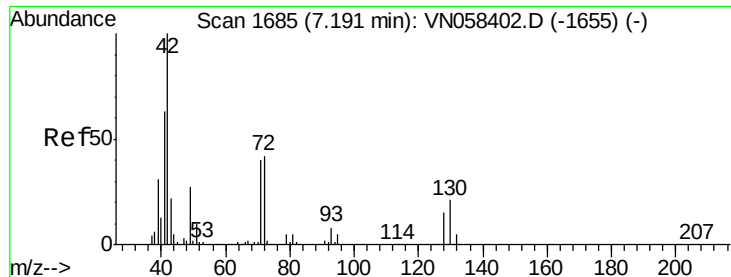


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 280.478 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN058418.D

Acq: 27 Sep 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

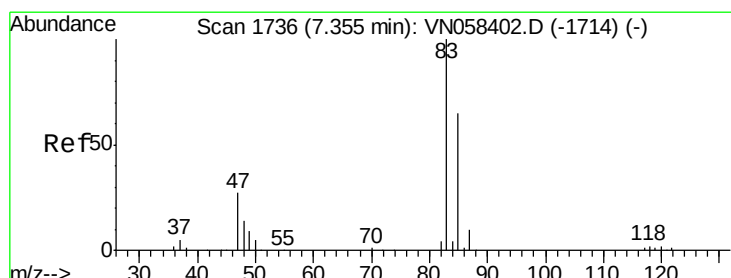
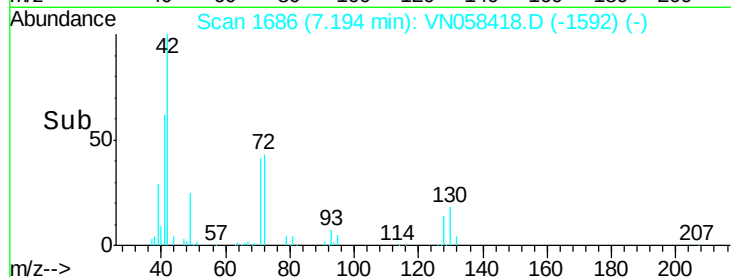
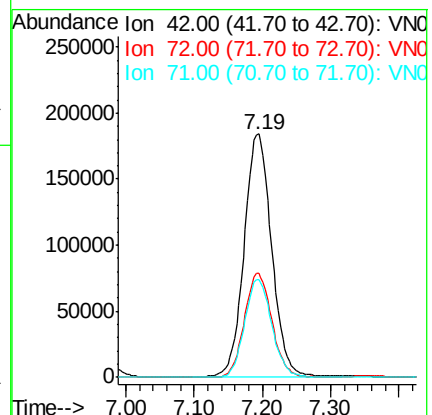
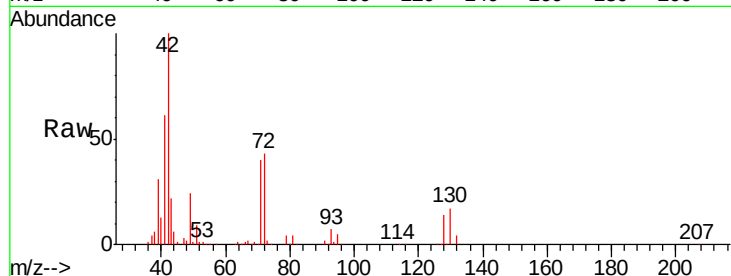
Tgt Ion: 42 Resp: 517010

Ion Ratio Lower Upper

42 100

72 42.5 33.7 50.5

71 39.8 31.8 47.6



#30

Chloroform

Concen: 52.898 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. -0.00 min

Lab File: VN058418.D

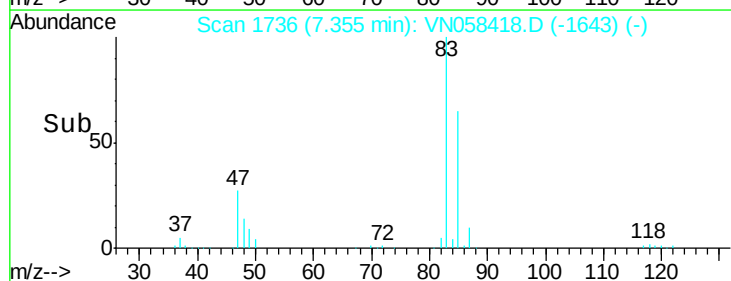
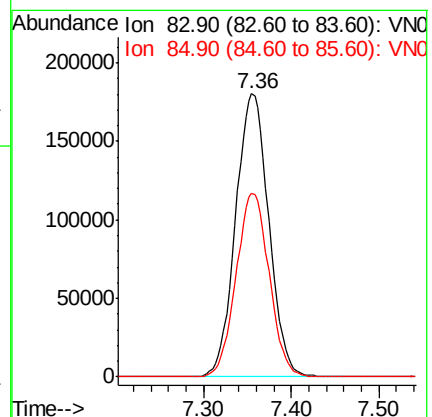
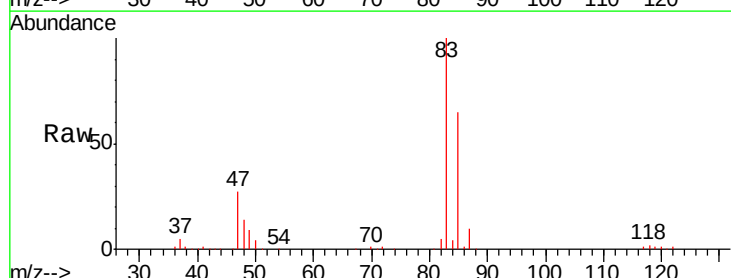
Acq: 27 Sep 2019 19:04

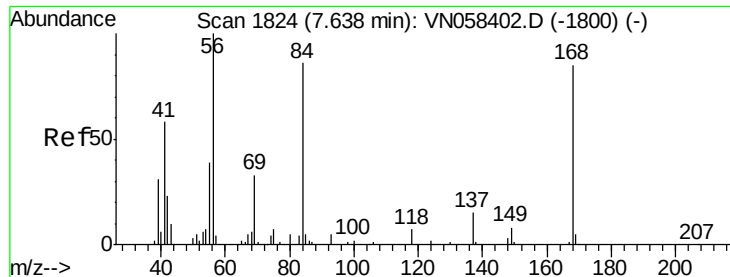
Tgt Ion: 83 Resp: 474253

Ion Ratio Lower Upper

83 100

85 65.0 52.0 78.0

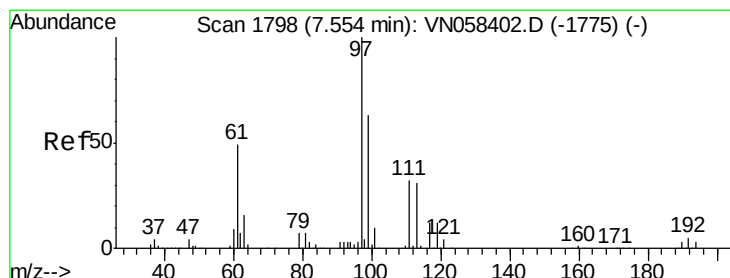
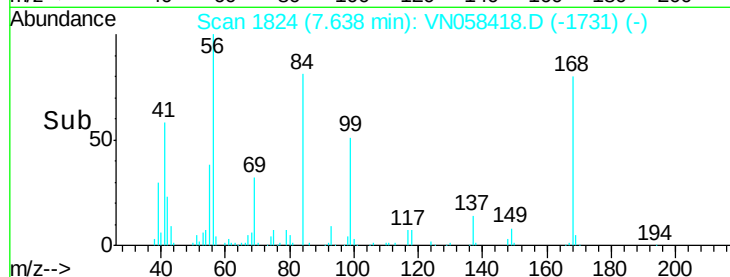
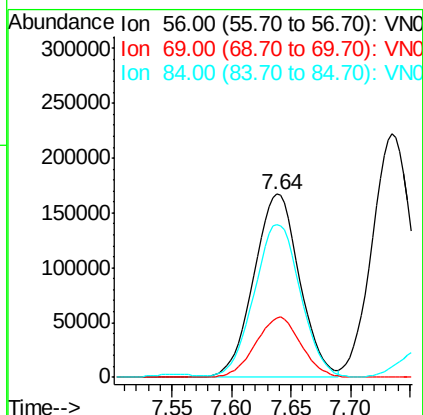
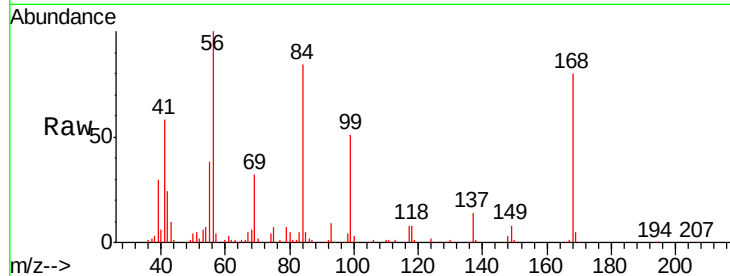




#31
Cyclohexane
Concen: 65.720 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. -0.00 min
Lab File: VN058418.D
Acq: 27 Sep 2019 19:04

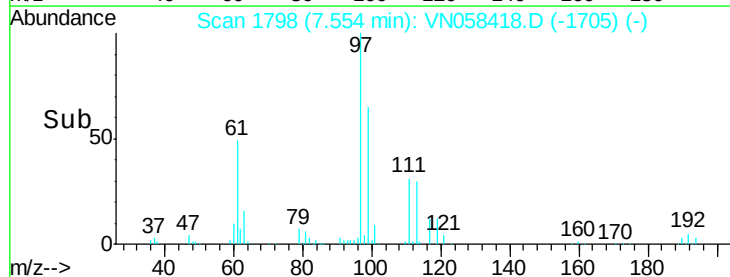
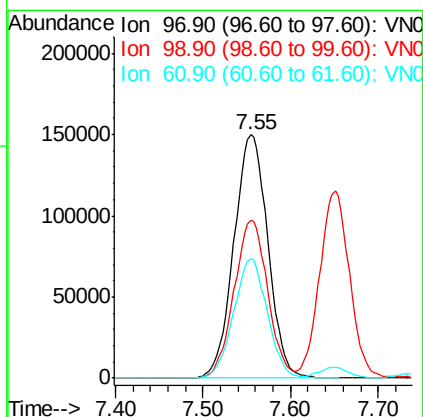
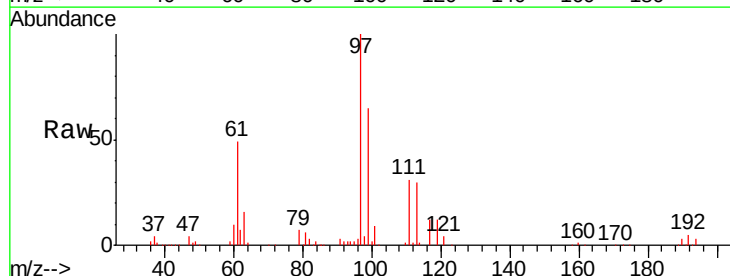
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

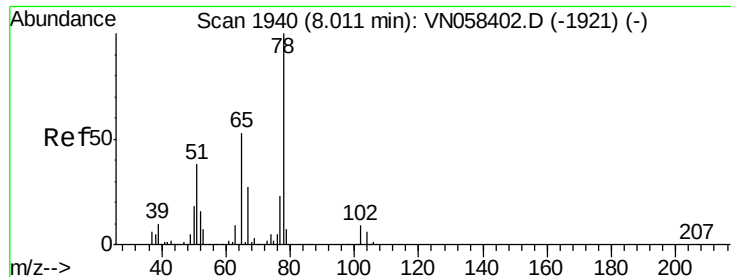
Tgt Ion: 56 Resp: 444631
Ion Ratio Lower Upper
56 100
69 32.4 26.2 39.4
84 82.2 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 58.450 ug/l
RT: 7.55 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN058418.D
Acq: 27 Sep 2019 19:04

Tgt Ion: 97 Resp: 404079
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 48.5 39.2 58.8

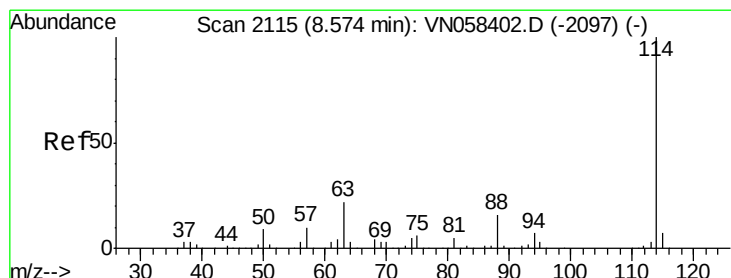
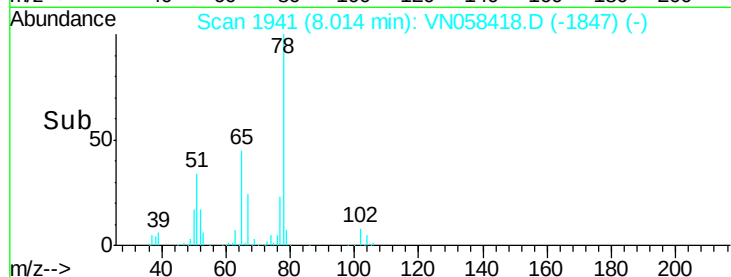
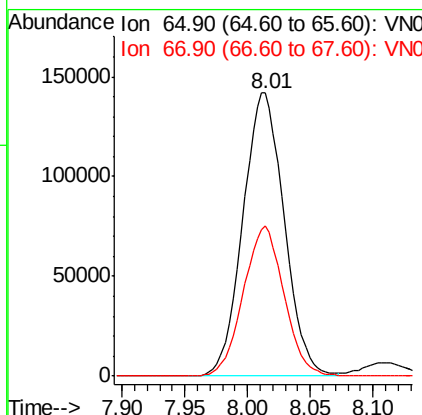
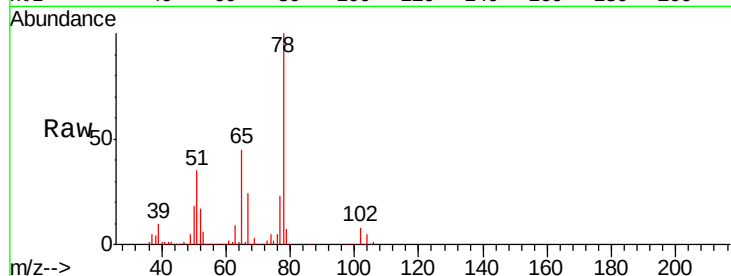




#33
 1,2-Dichloroethane-d4
 Concen: 51.193 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058418.D
 Acq: 27 Sep 2019 19:04

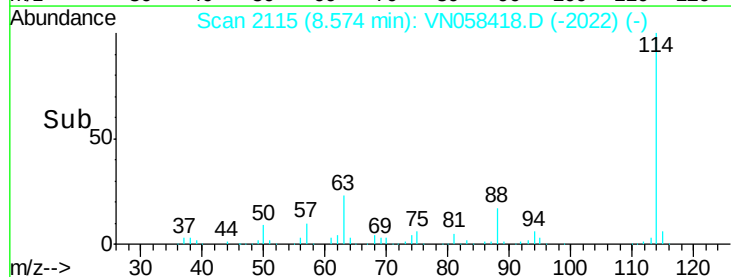
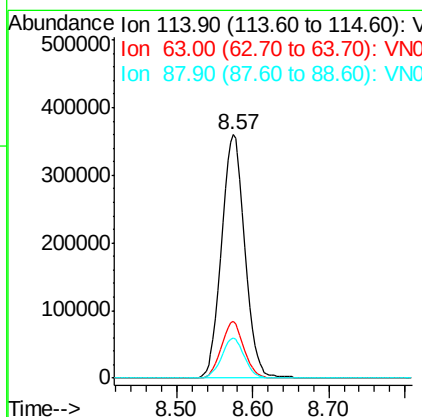
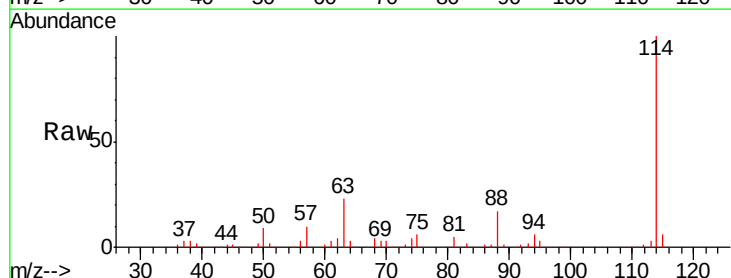
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

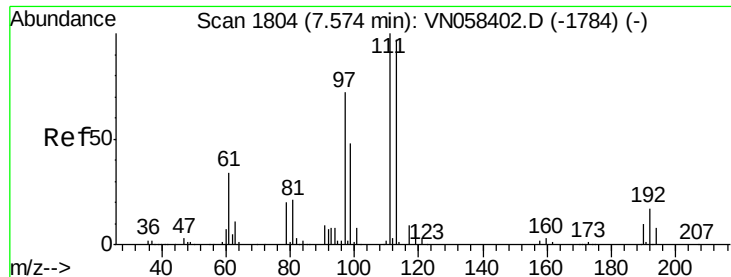
Tgt Ion: 65 Resp: 325853
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058418.D
 Acq: 27 Sep 2019 19:04

Tgt Ion: 114 Resp: 769083
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 45.0
 88 16.6 0.0 32.2

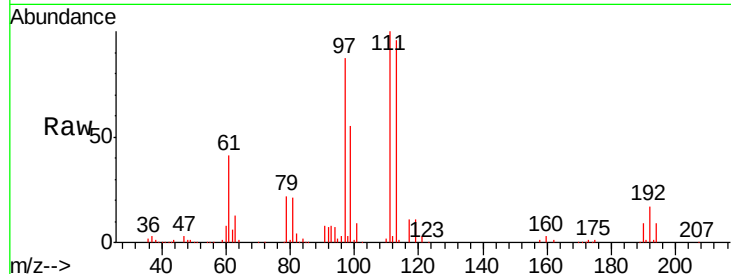




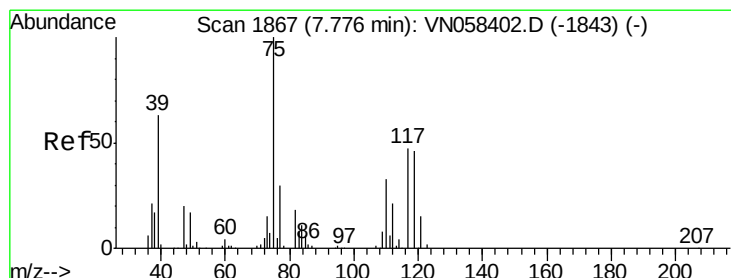
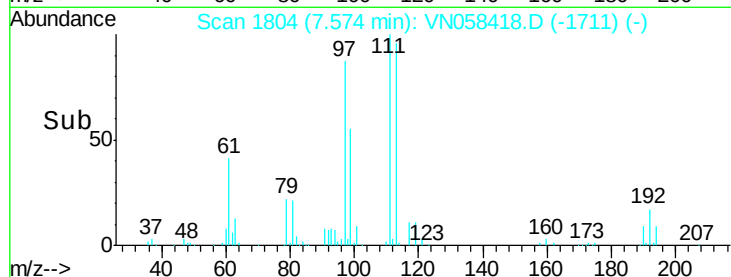
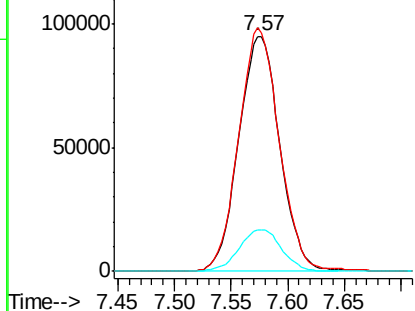
#35
 Dibromofluoromethane
 Concen: 51.230 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058418.D
 Acq: 27 Sep 2019 19:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.4	125.2
192	18.3	14.9	22.3

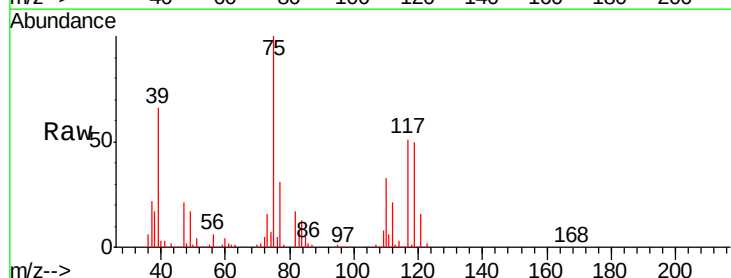


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

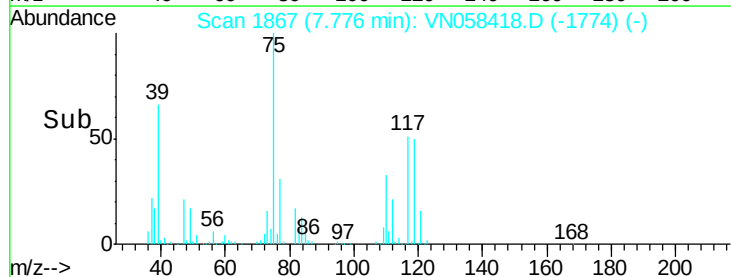
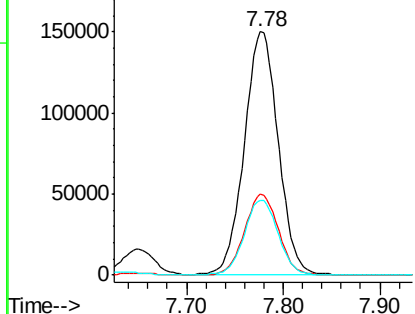


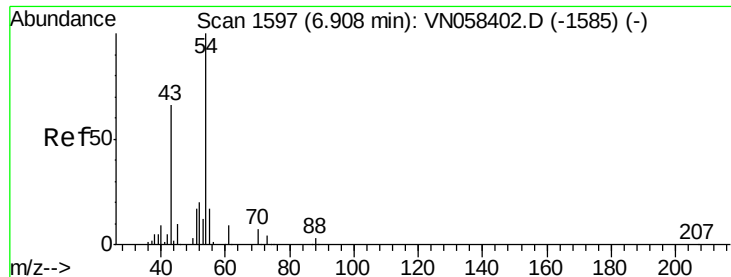
#36
 1,1-Dichloropropene
 Concen: 61.336 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN058418.D
 Acq: 27 Sep 2019 19:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.3	16.4	49.2
77	31.0	24.3	36.5



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

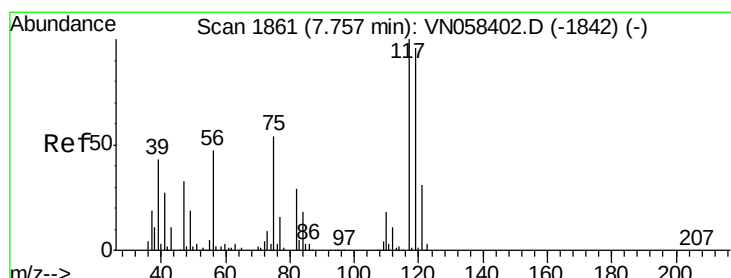
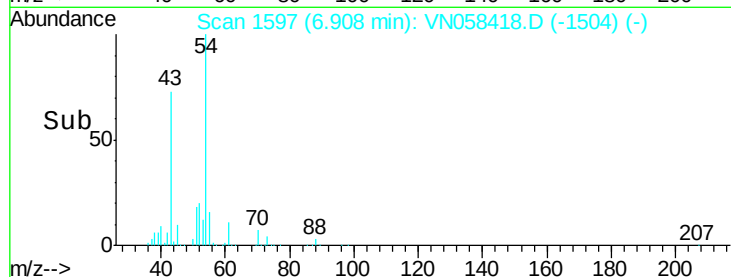
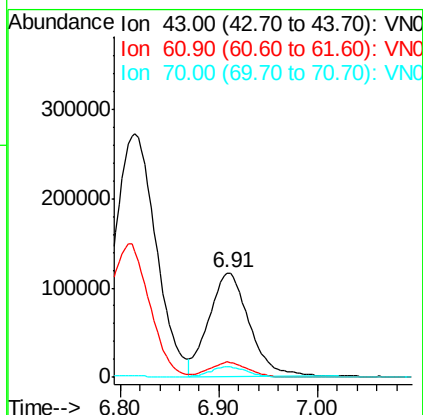
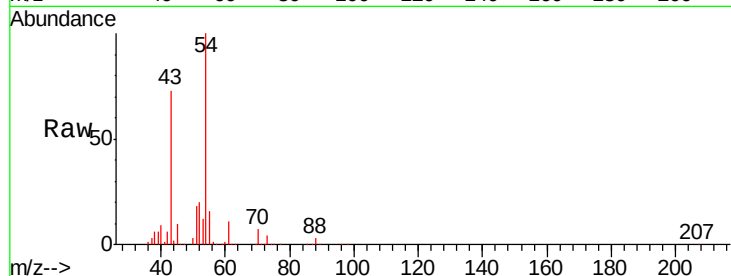




#37
Ethyl Acetate
Concen: 56.361 ug/l
RT: 6.91 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VN058418.D
Acq: 27 Sep 2019 19:04

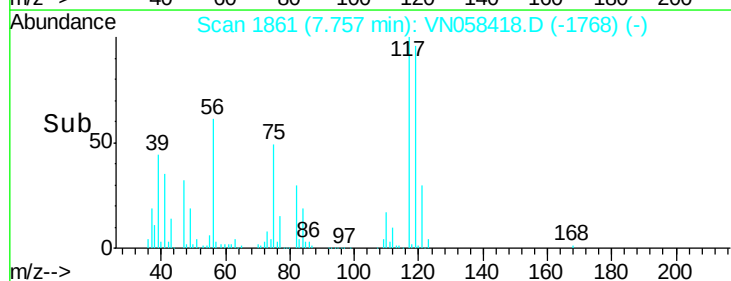
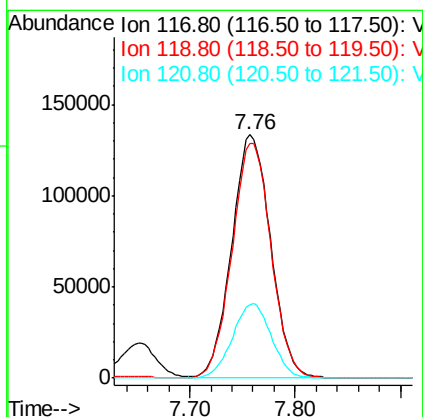
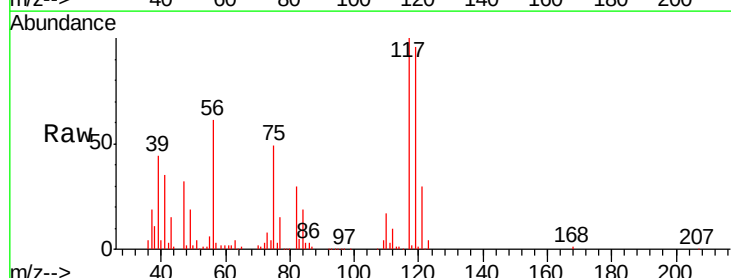
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

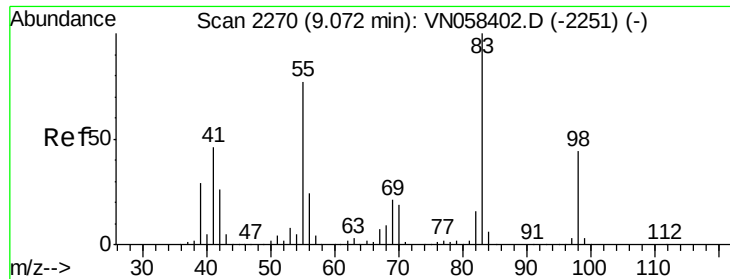
Tgt Ion: 43 Resp: 332145
Ion Ratio Lower Upper
43 100
61 13.8 10.5 15.7
70 9.8 7.8 11.6



#38
Carbon Tetrachloride
Concen: 58.375 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VN058418.D
Acq: 27 Sep 2019 19:04

Tgt Ion: 117 Resp: 340748
Ion Ratio Lower Upper
117 100
119 96.5 76.6 115.0
121 30.4 24.7 37.1

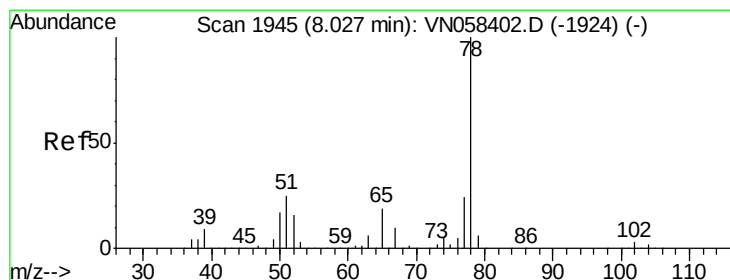
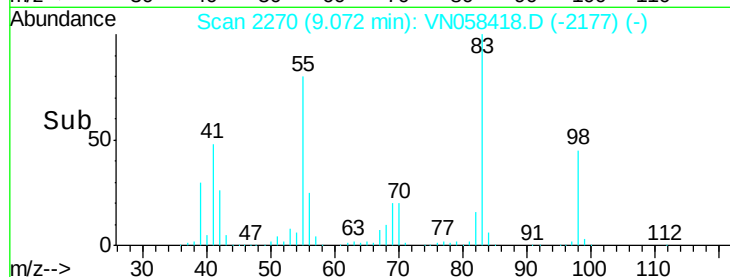
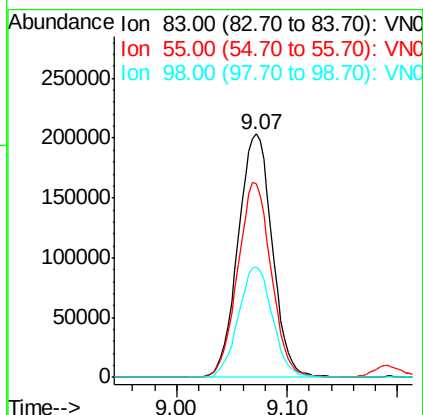
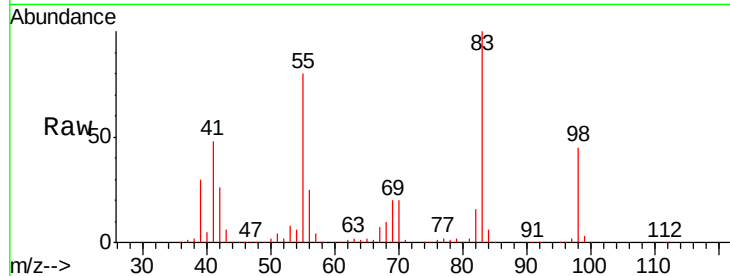




#39
Methylcyclohexane
Concen: 67.965 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. -0.00 min
Lab File: VN058418.D
Acq: 27 Sep 2019 19:04

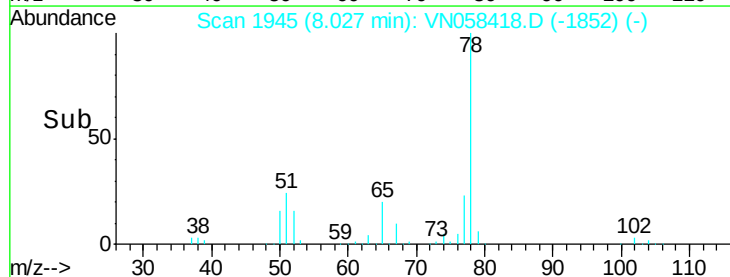
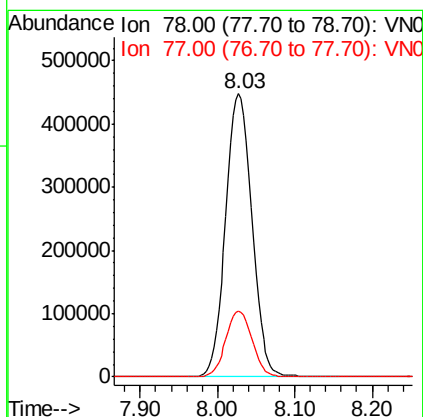
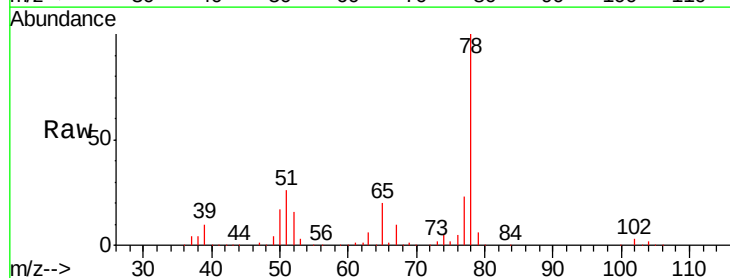
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

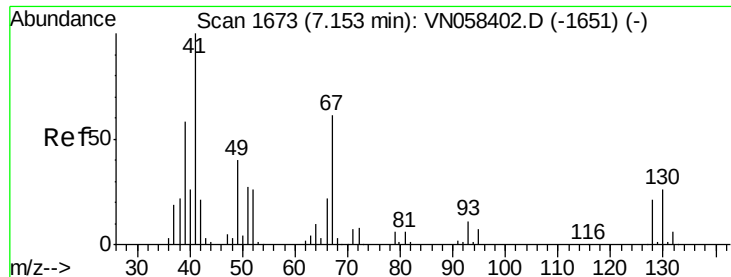
Tgt Ion: 83 Resp: 436354
Ion Ratio Lower Upper
83 100
55 79.7 61.8 92.6
98 45.4 35.4 53.0



#40
Benzene
Concen: 59.324 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN058418.D
Acq: 27 Sep 2019 19:04

Tgt Ion: 78 Resp: 1057492
Ion Ratio Lower Upper
78 100
77 23.2 18.9 28.3

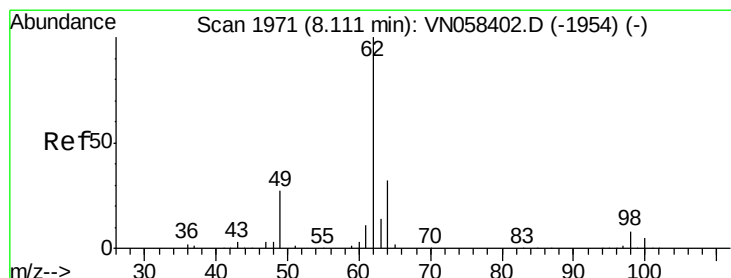
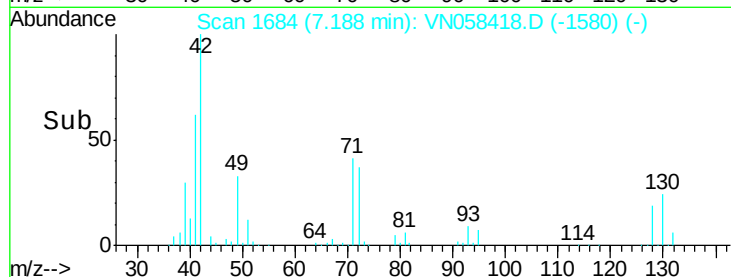
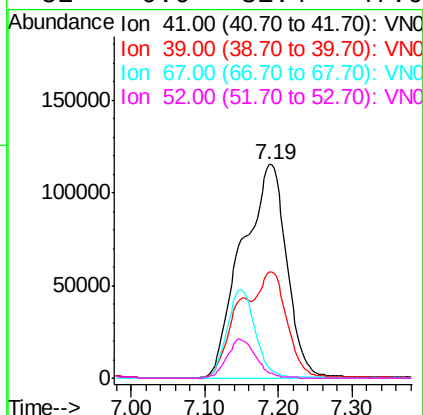
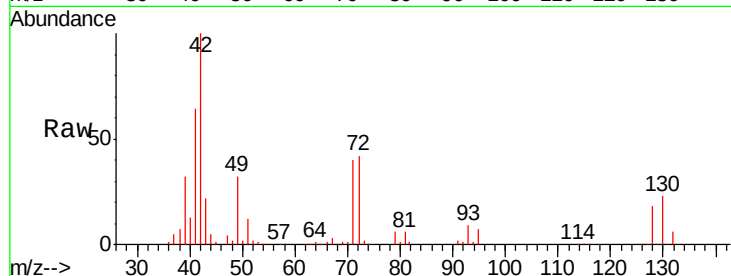




#41
Methacrylonitrile
Concen: 175.767 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.04 min
Lab File: VN058418.D
Acq: 27 Sep 2019 19:04

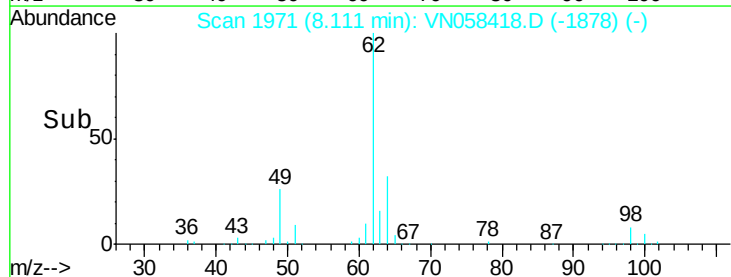
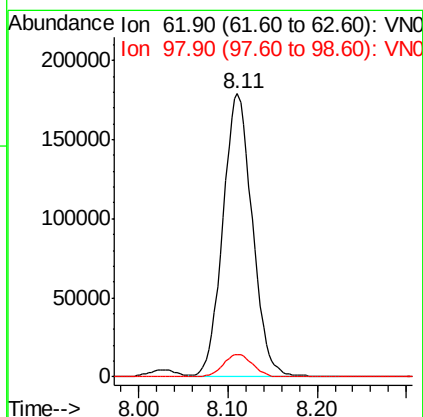
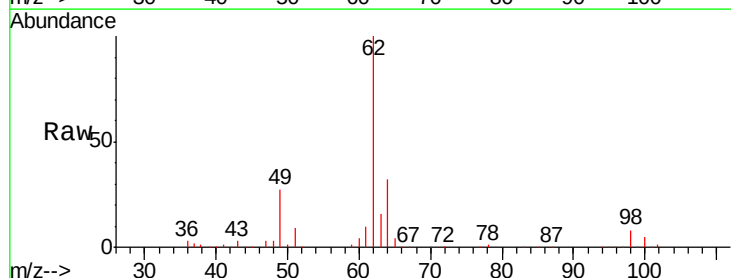
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

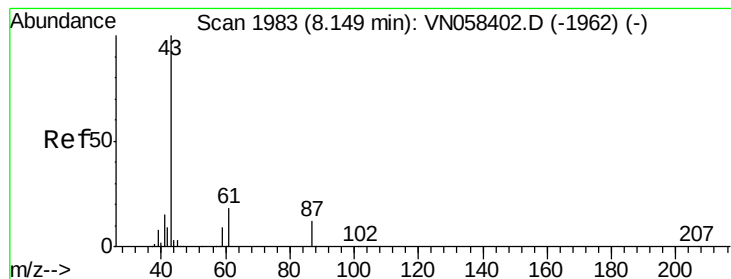
Tgt Ion: 41 Resp: 489334
Ion Ratio Lower Upper
41 100
39 0.0 50.2 75.4#
67 0.0 70.2 105.4#
52 0.0 31.4 47.0#



#42
1,2-Dichloroethane
Concen: 55.635 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VN058418.D
Acq: 27 Sep 2019 19:04

Tgt Ion: 62 Resp: 408388
Ion Ratio Lower Upper
62 100
98 8.0 0.0 15.6





#43

Isopropyl Acetate

Concen: 52.124 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VN058418.D

Acq: 27 Sep 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

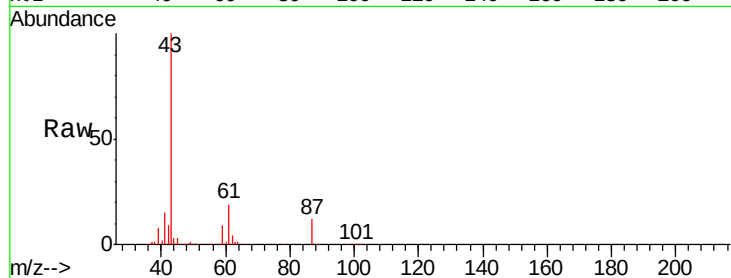
Tgt Ion: 43 Resp: 570530

Ion Ratio Lower Upper

43 100

61 25.7 14.8 22.2#

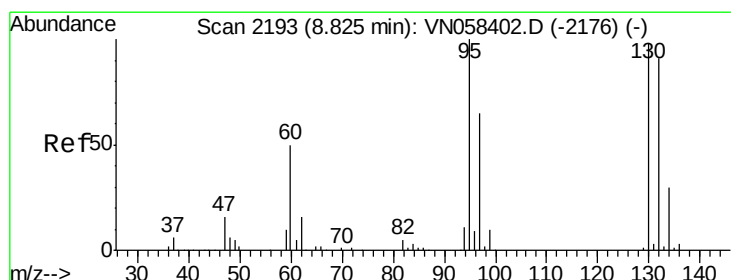
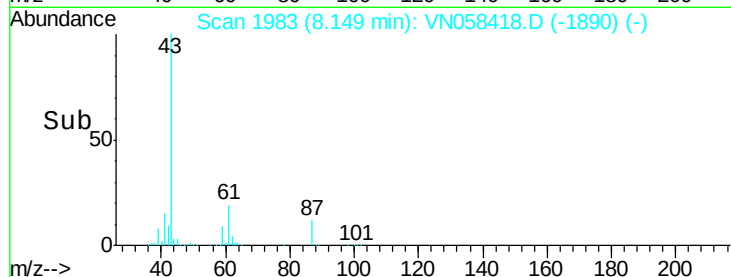
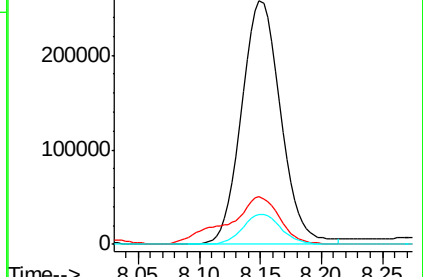
87 12.1 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VN058418.D (-1890) (-)

Ion 61.00 (60.70 to 61.70): VN058418.D (-1890) (-)

Ion 87.00 (86.70 to 87.70): VN058418.D (-1890) (-)



#44

Trichloroethene

Concen: 59.842 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN058418.D

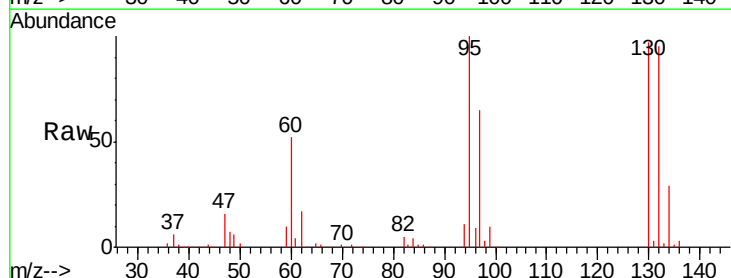
Acq: 27 Sep 2019 19:04

Tgt Ion: 130 Resp: 261543

Ion Ratio Lower Upper

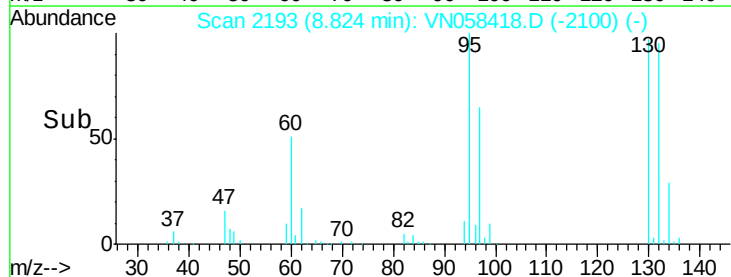
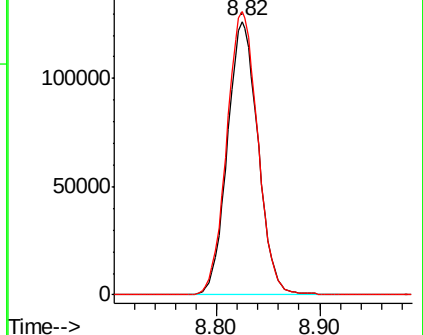
130 100

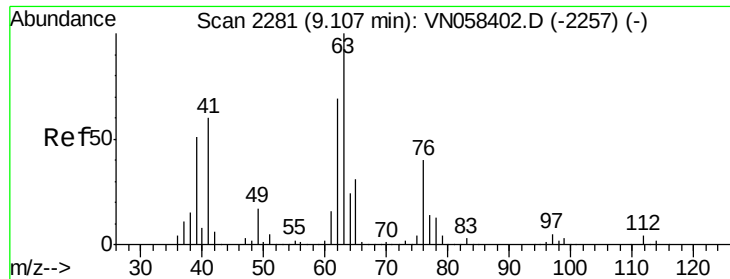
95 103.5 0.0 204.2



Abundance Ion 129.80 (129.50 to 130.50): VN058418.D (-2100) (-)

Ion 94.90 (94.60 to 95.60): VN058418.D (-2100) (-)

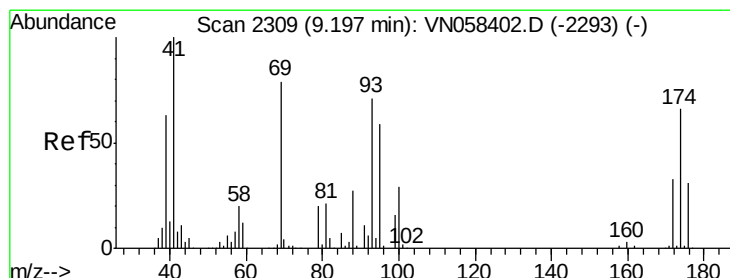
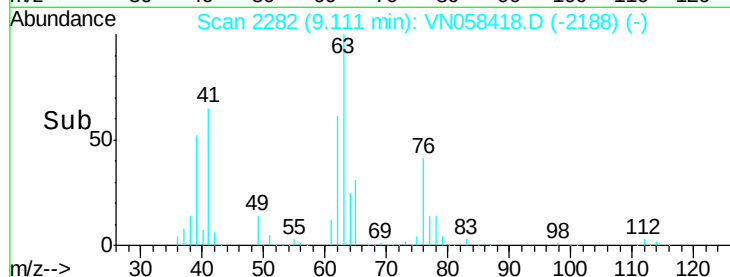
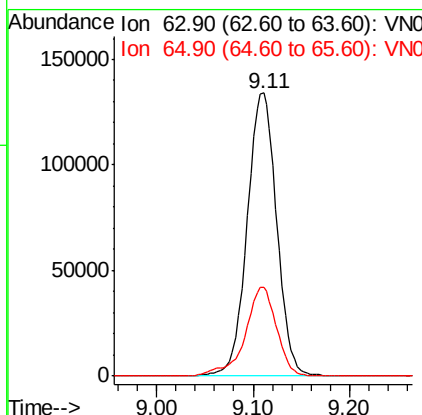
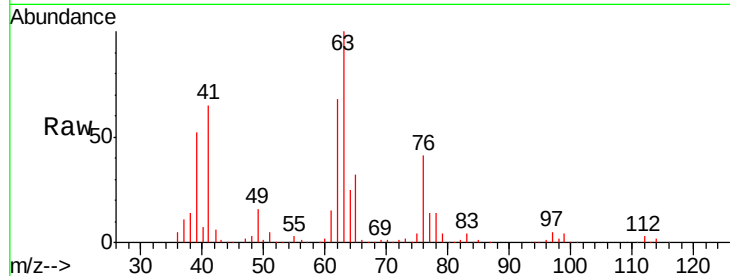




#45
 1,2-Dichloropropane
 Concen: 54.816 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN058418.D
 Acq: 27 Sep 2019 19:04

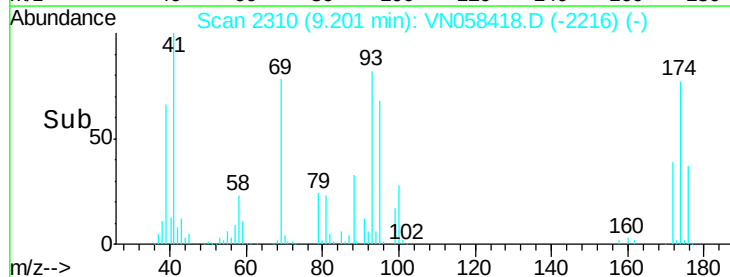
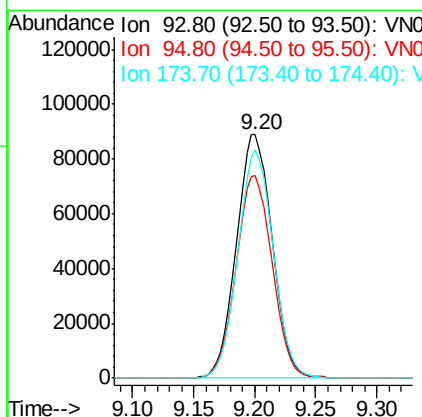
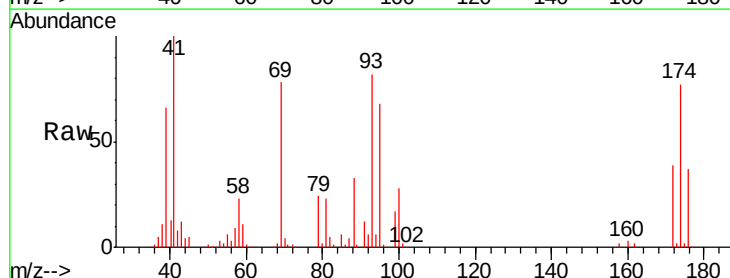
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

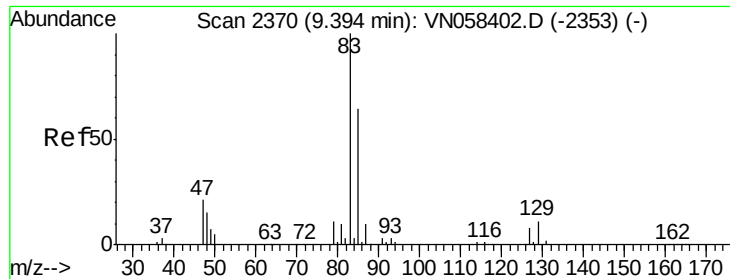
Tgt Ion: 63 Resp: 284375
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.0 37.4



#46
 Dibromomethane
 Concen: 56.831 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN058418.D
 Acq: 27 Sep 2019 19:04

Tgt Ion: 93 Resp: 180721
 Ion Ratio Lower Upper
 93 100
 95 83.8 67.0 100.4
 174 92.3 74.2 111.2





#47

Bromodichloromethane

Concen: 54.960 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN058418.D

Acq: 27 Sep 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

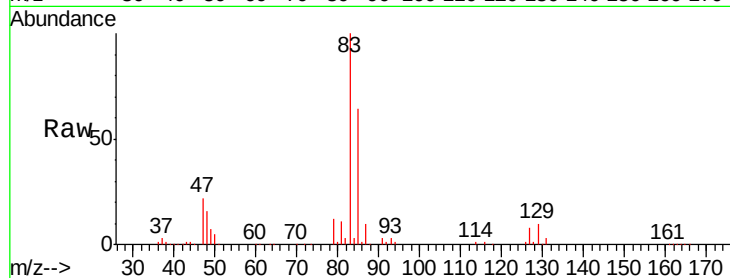
Tgt Ion: 83 Resp: 359722

Ion Ratio Lower Upper

83 100

85 63.5 51.2 76.8

127 8.2 6.3 9.5

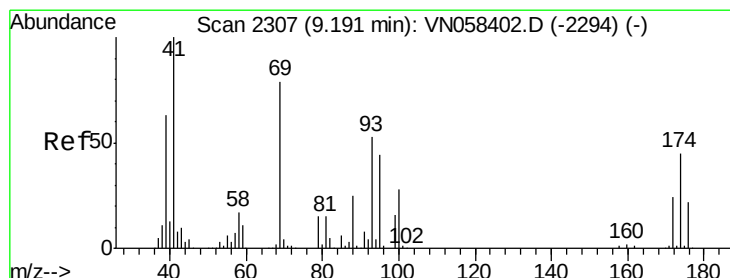
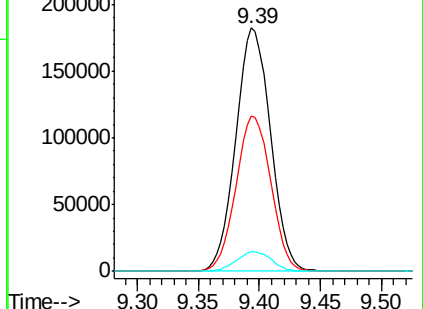
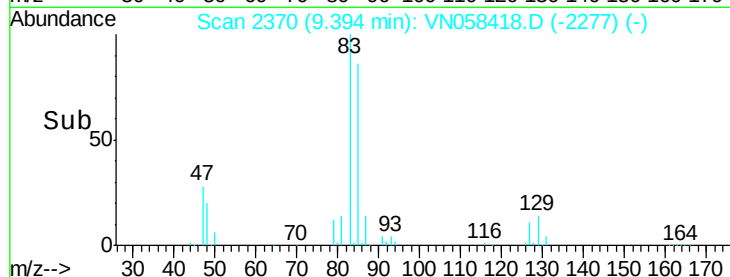


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0

Time-->



#48

Methyl methacrylate

Concen: 55.524 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN058418.D

Acq: 27 Sep 2019 19:04

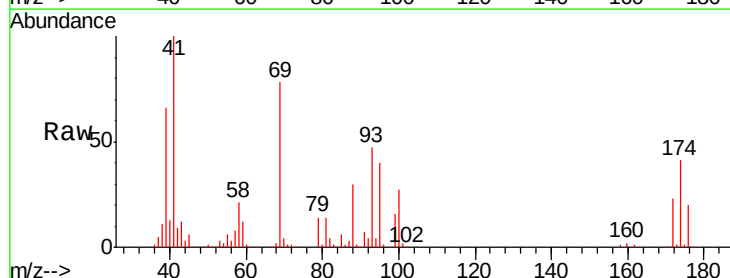
Tgt Ion: 41 Resp: 275582

Ion Ratio Lower Upper

41 100

69 81.8 64.7 97.1

39 67.8 52.9 79.3

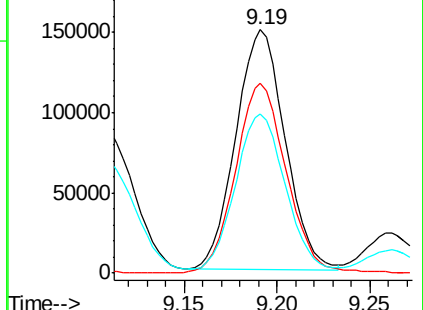
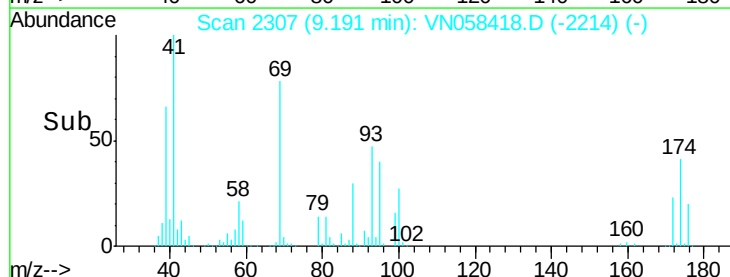


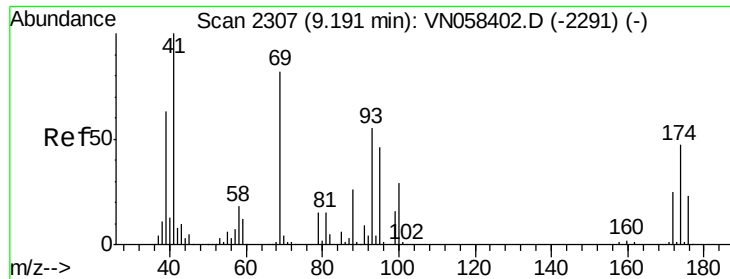
Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Time-->

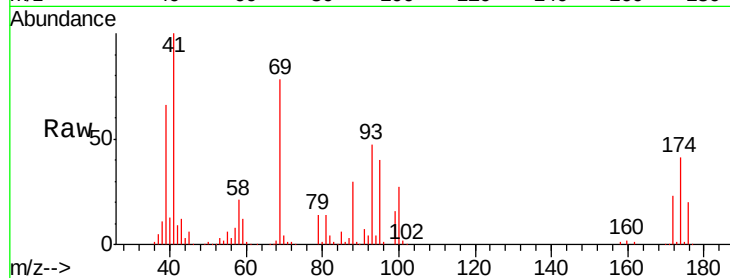




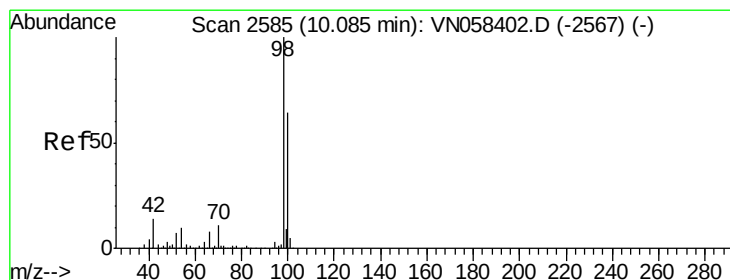
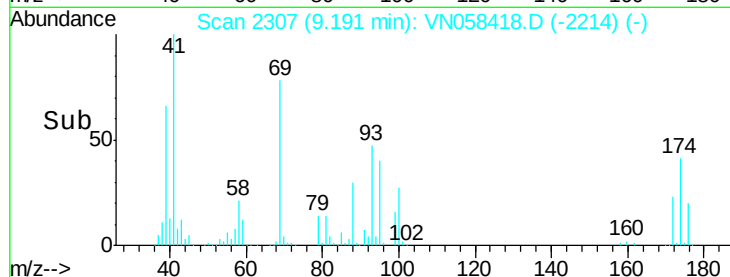
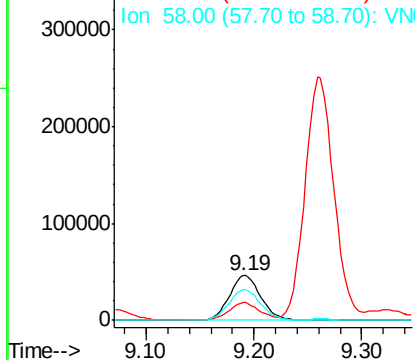
#49
1,4-Dioxane
Concen: 1191.114 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. -0.00 min
Lab File: VN058418.D
Acq: 27 Sep 2019 19:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 93795
Ion Ratio Lower Upper
88 100
43 36.6 31.1 46.7
58 70.0 58.1 87.1

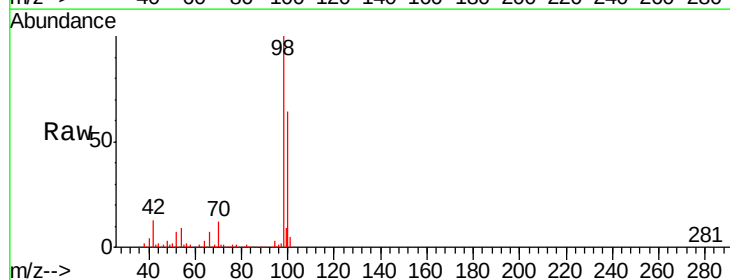


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

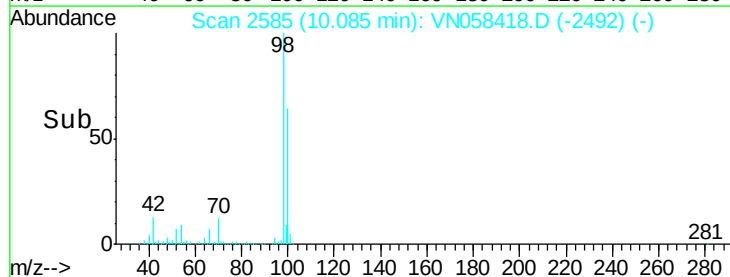
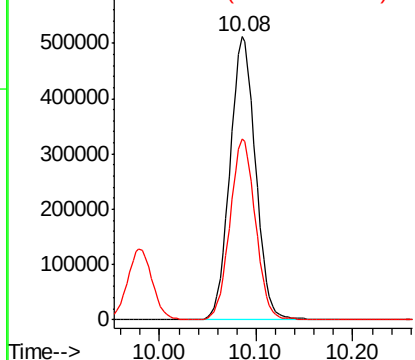


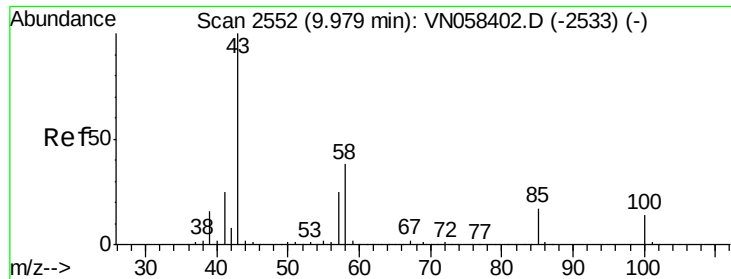
#50
Toluene-d8
Concen: 51.693 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058418.D
Acq: 27 Sep 2019 19:04

Tgt Ion: 98 Resp: 940149
Ion Ratio Lower Upper
98 100
100 63.7 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 294.708 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. -0.00 min

Lab File: VN058418.D

Acq: 27 Sep 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

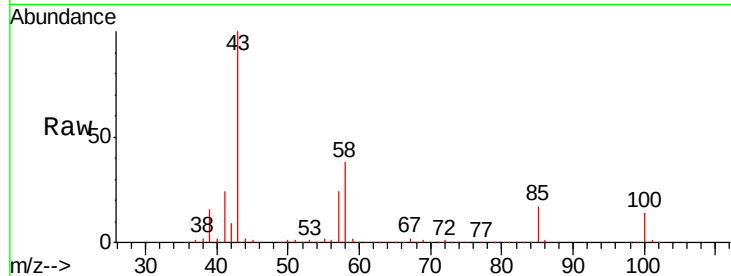
VSTDCCC050EC

Tgt Ion: 43 Resp: 1694648

Ion Ratio Lower Upper

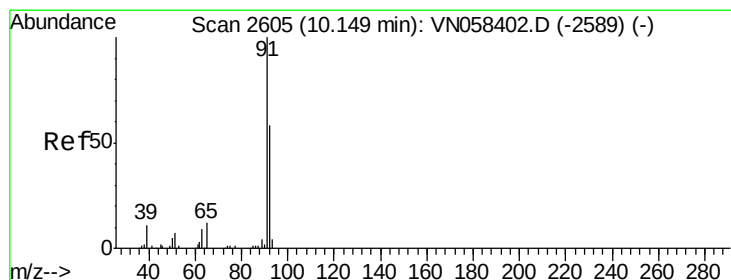
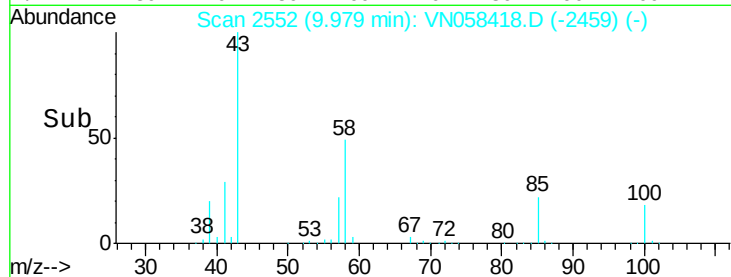
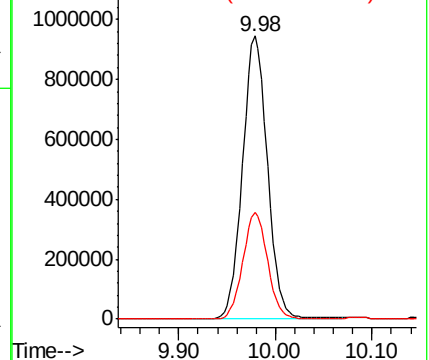
43 100

58 37.4 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 59.785 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN058418.D

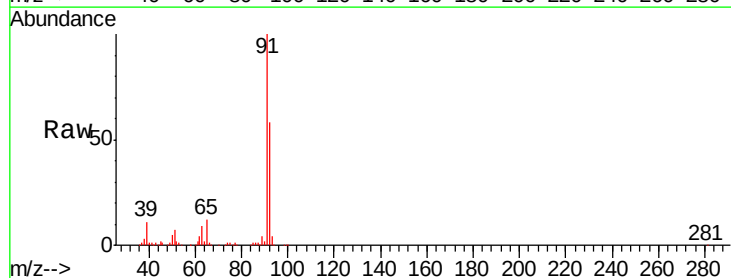
Acq: 27 Sep 2019 19:04

Tgt Ion: 92 Resp: 663156

Ion Ratio Lower Upper

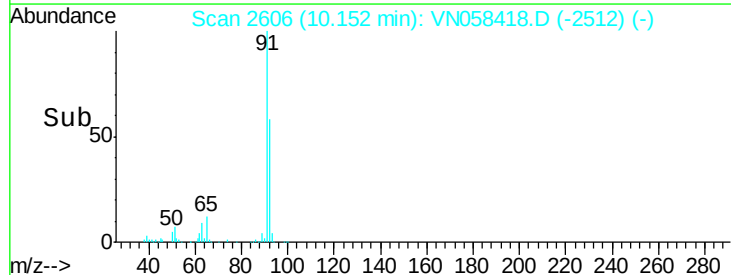
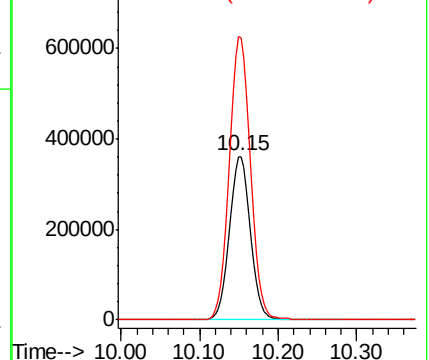
92 100

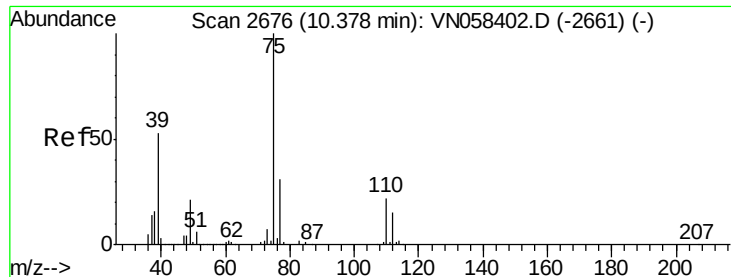
91 175.2 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

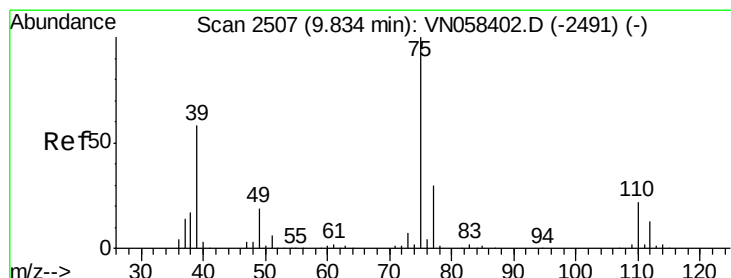
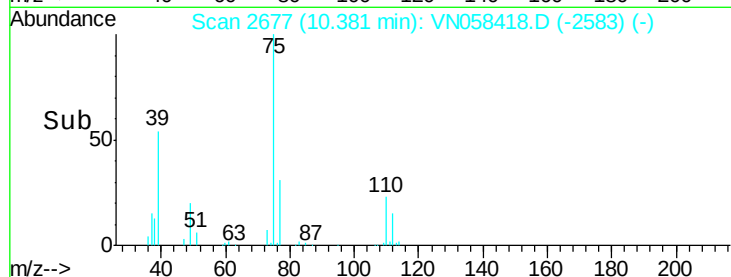
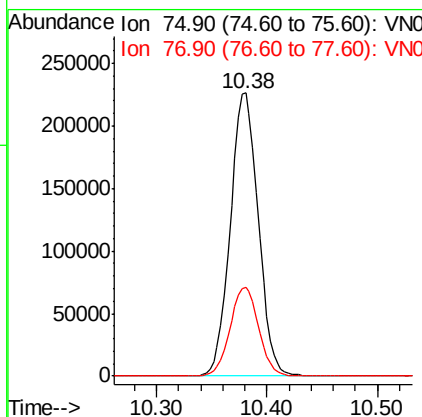
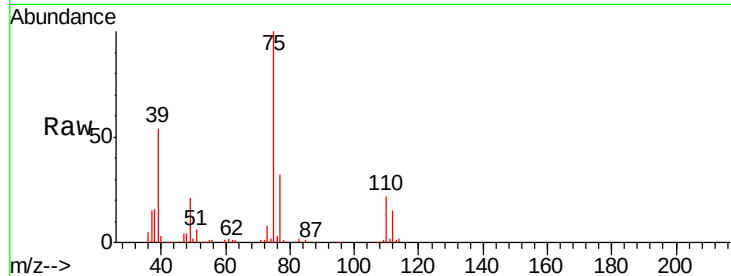




#53
 t-1,3-Dichloropropene
 Concen: 58.684 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. 0.00 min
 Lab File: VN058418.D
 Acq: 27 Sep 2019 19:04

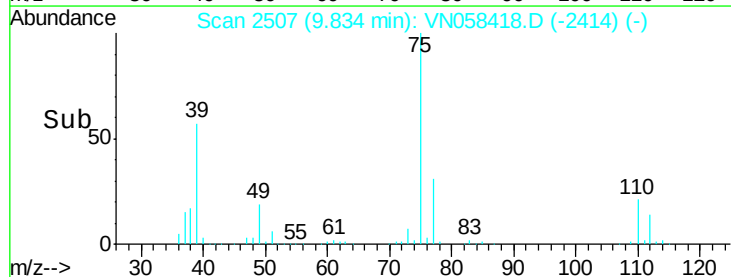
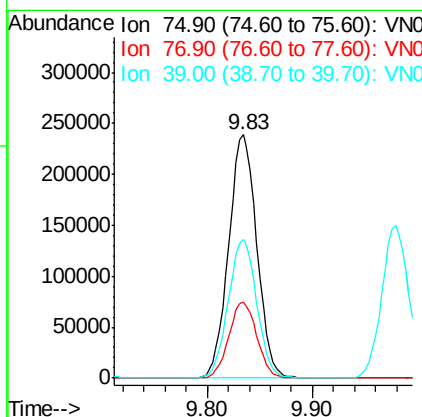
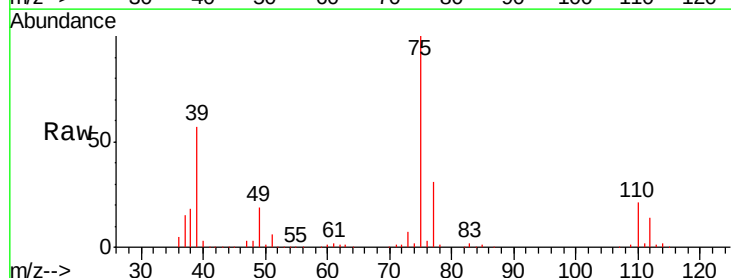
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

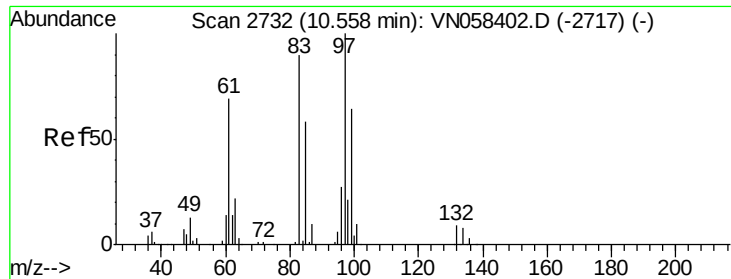
Tgt Ion: 75 Resp: 399057
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 58.559 ug/l
 RT: 9.83 min Scan# 2507
 Delta R.T. -0.00 min
 Lab File: VN058418.D
 Acq: 27 Sep 2019 19:04

Tgt Ion: 75 Resp: 440832
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.2 36.4
 39 56.6 46.4 69.6





#55

1,1,2-Trichloroethane

Concen: 53.848 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN058418.D

Acq: 27 Sep 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 256156

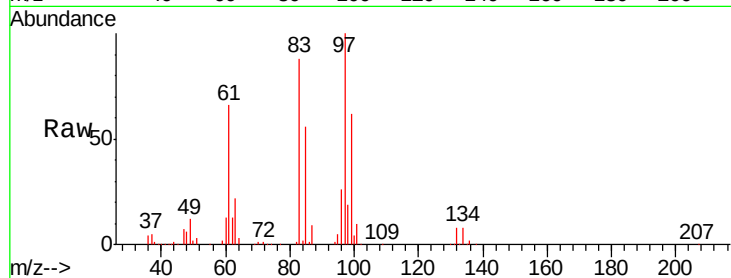
Ion Ratio Lower Upper

97 100

83 87.7 71.8 107.6

85 55.7 46.6 69.8

99 61.6 51.5 77.3

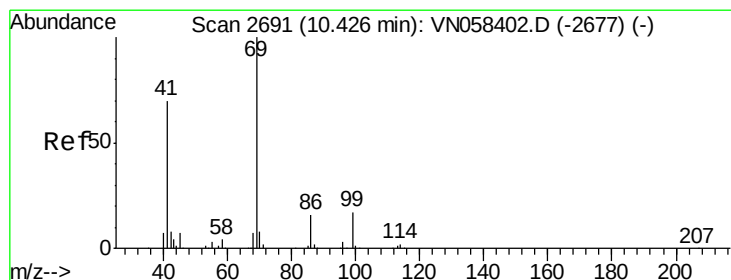
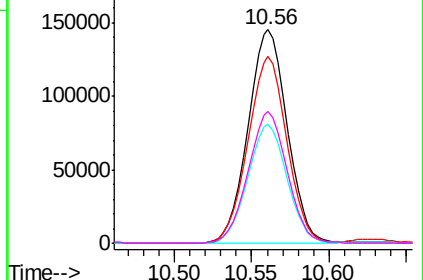
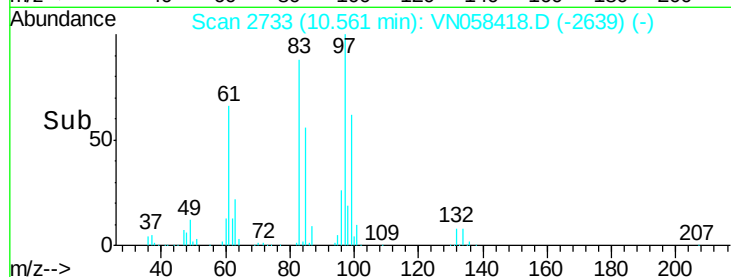


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 58.085 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN058418.D

Acq: 27 Sep 2019 19:04

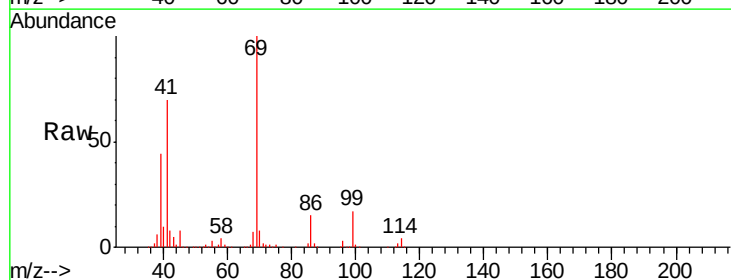
Tgt Ion: 69 Resp: 401437

Ion Ratio Lower Upper

69 100

41 69.7 56.3 84.5

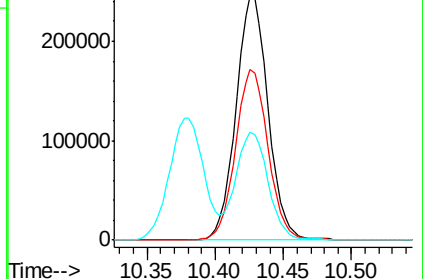
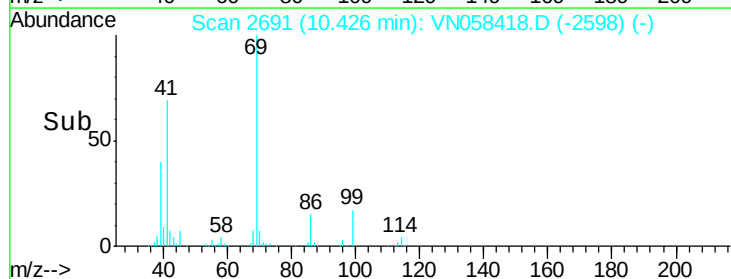
39 44.7 35.8 53.6

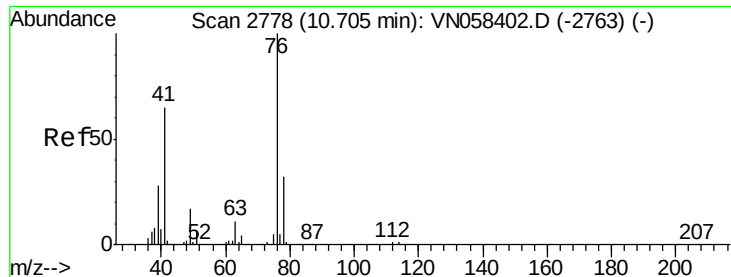


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 54.260 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN058418.D

Acq: 27 Sep 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

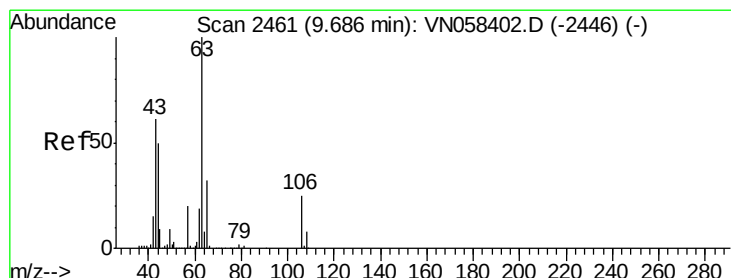
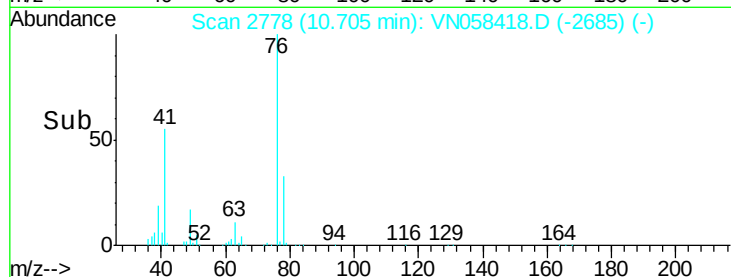
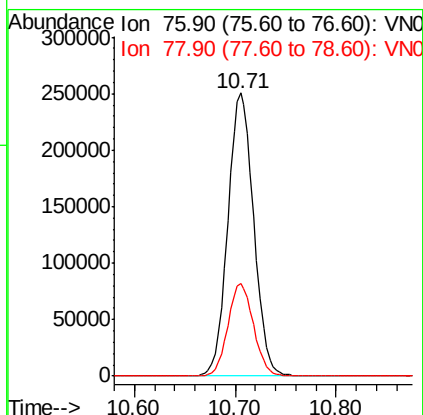
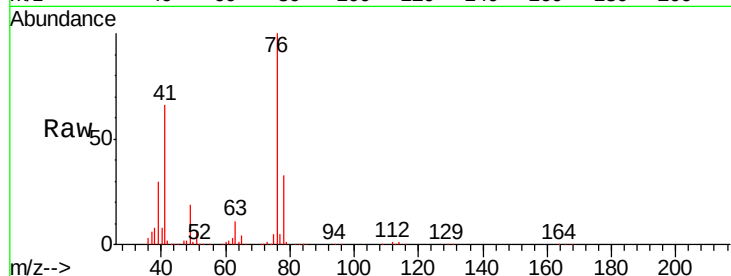
VSTDCCC050EC

Tgt Ion: 76 Resp: 447295

Ion Ratio Lower Upper

76 100

78 32.5 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 253.585 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN058418.D

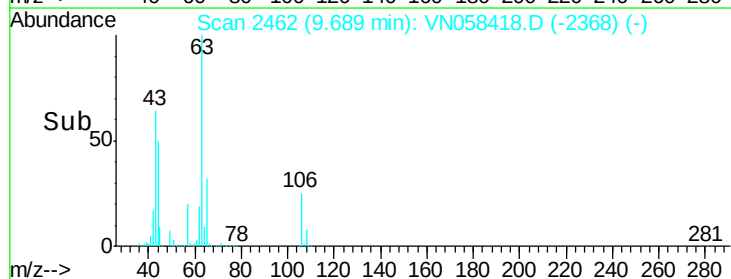
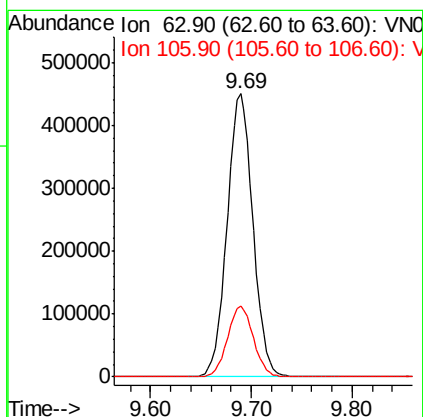
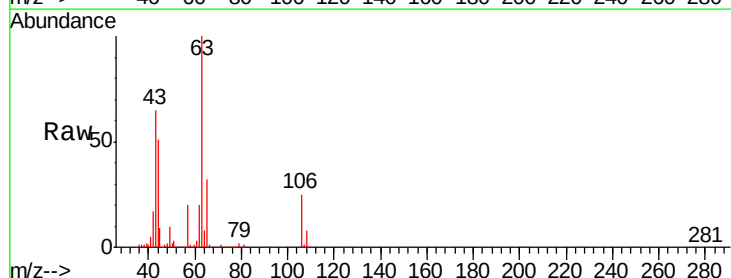
Acq: 27 Sep 2019 19:04

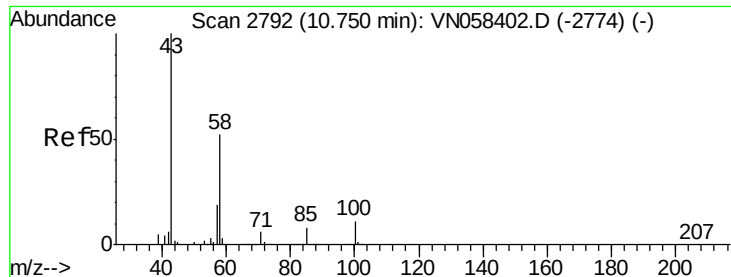
Tgt Ion: 63 Resp: 802152

Ion Ratio Lower Upper

63 100

106 25.0 20.3 30.5

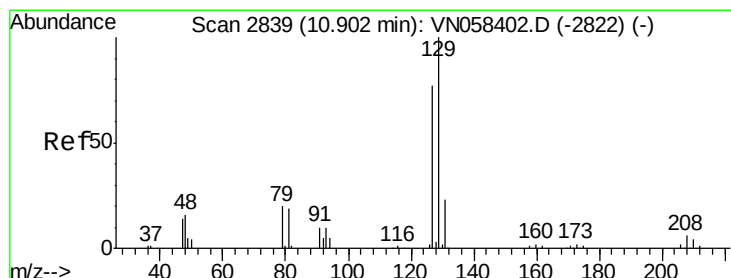
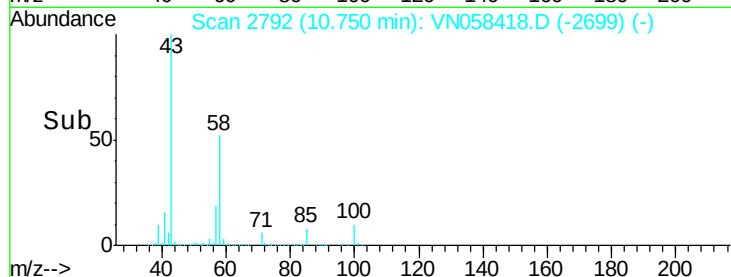
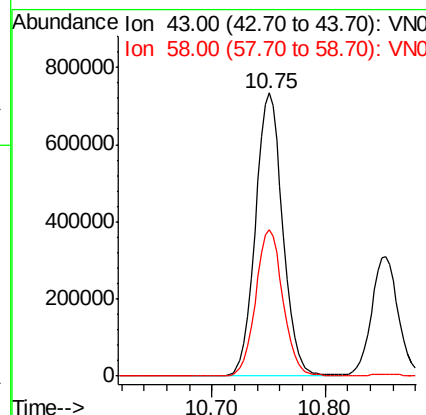
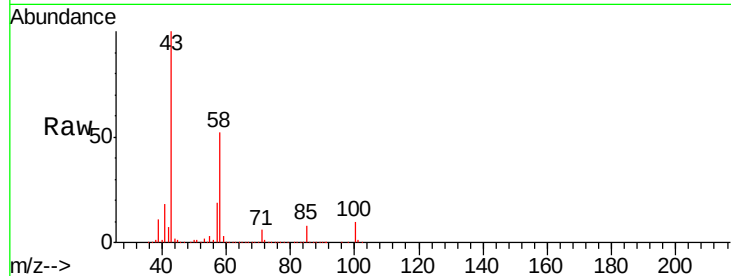




#59
2-Hexanone
Concen: 287.747 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN058418.D
Acq: 27 Sep 2019 19:04

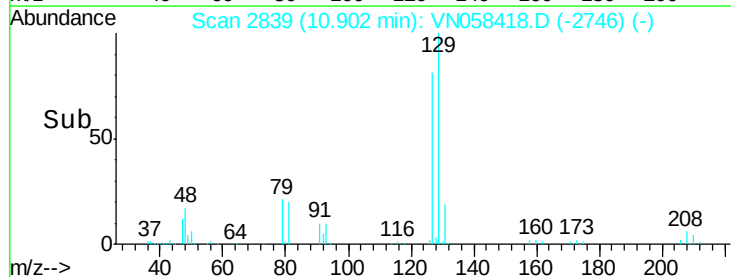
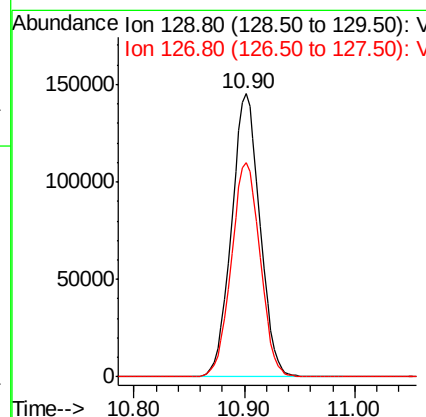
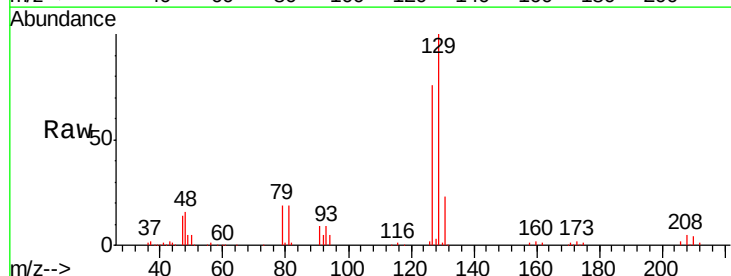
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

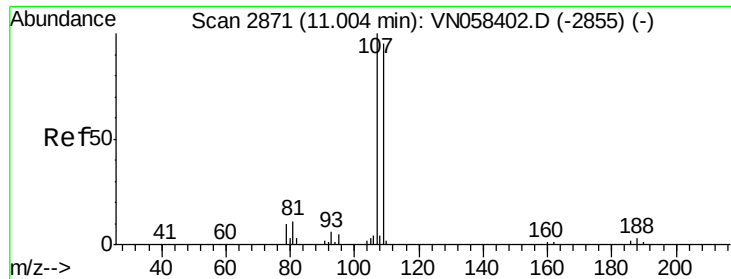
Tgt Ion: 43 Resp: 1225839
Ion Ratio Lower Upper
43 100
58 51.9 25.8 77.3



#60
Dibromochloromethane
Concen: 56.444 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN058418.D
Acq: 27 Sep 2019 19:04

Tgt Ion: 129 Resp: 258459
Ion Ratio Lower Upper
129 100
127 77.0 38.3 114.8

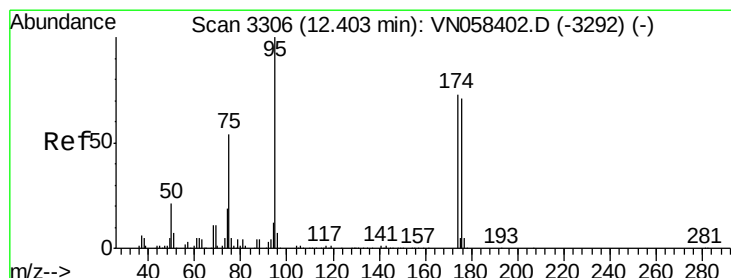
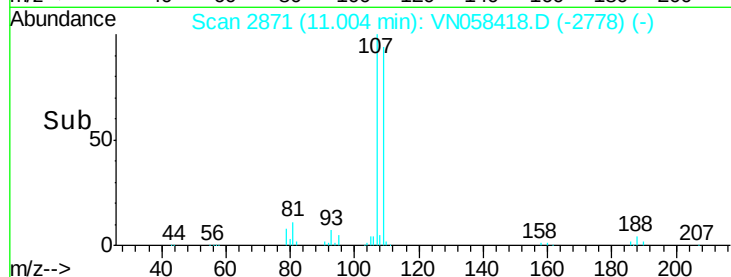
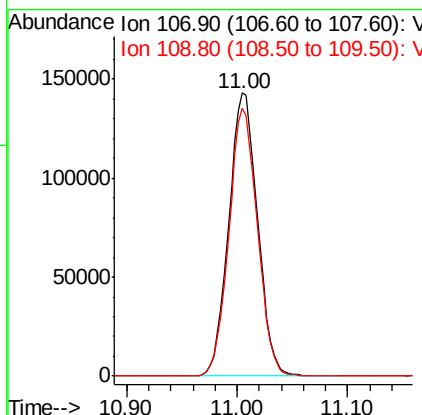
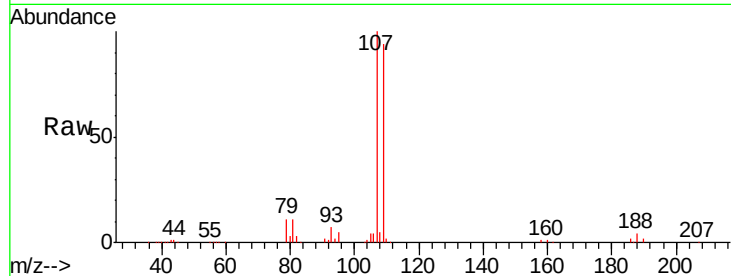




#61
 1,2-Dibromoethane
 Concen: 57.541 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN058418.D
 Acq: 27 Sep 2019 19:04

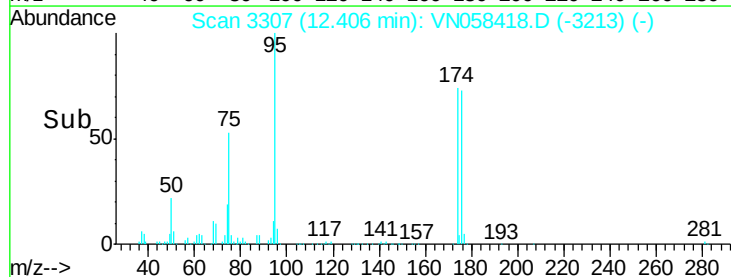
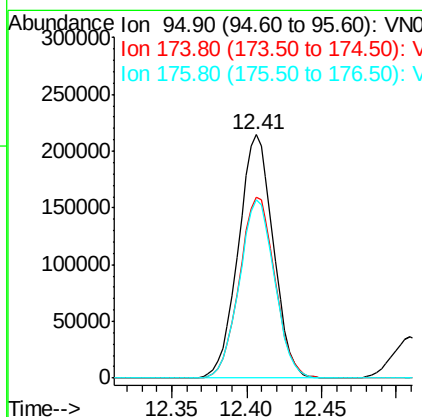
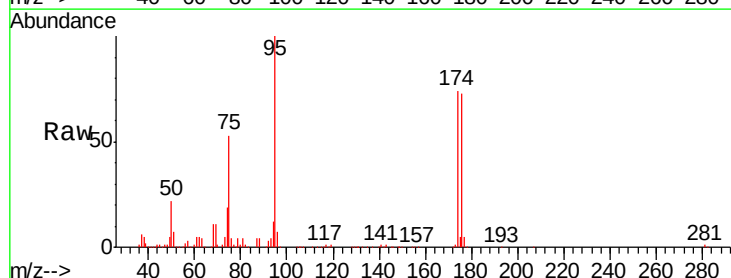
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

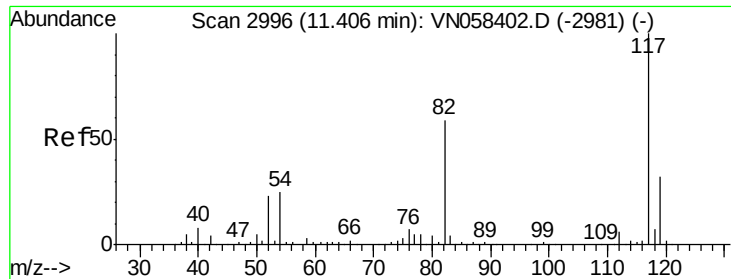
Tgt Ion: 107 Resp: 258845
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 51.742 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN058418.D
 Acq: 27 Sep 2019 19:04

Tgt Ion: 95 Resp: 348554
 Ion Ratio Lower Upper
 95 100
 174 75.6 0.0 150.6
 176 73.8 0.0 146.2

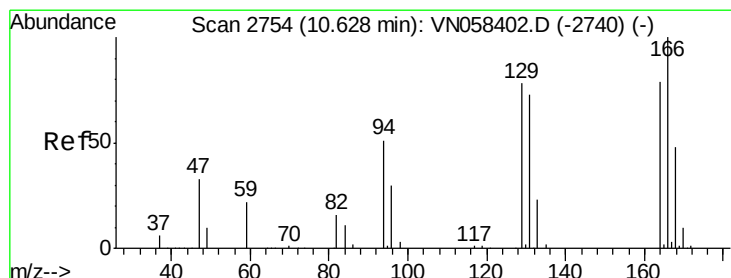
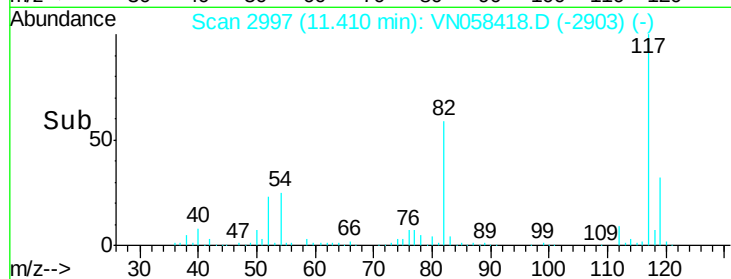
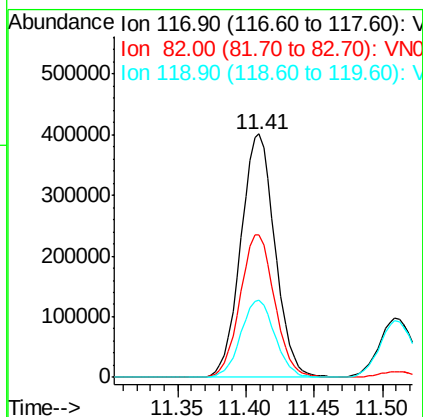
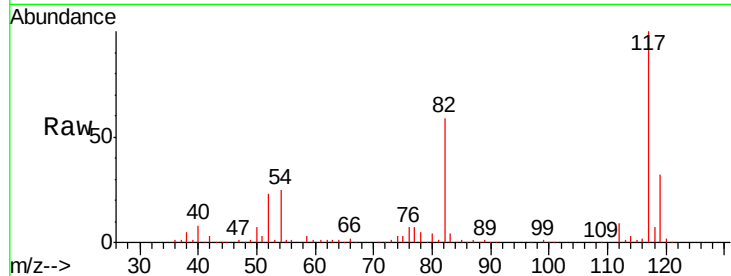




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058418.D
Acq: 27 Sep 2019 19:04

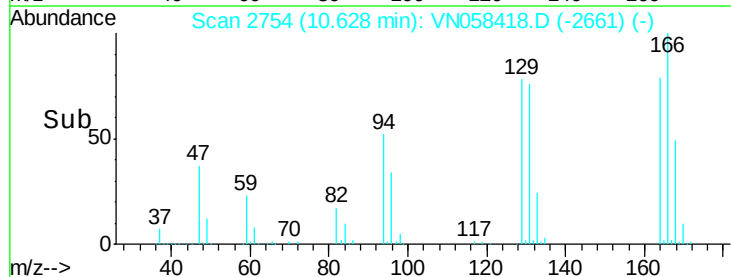
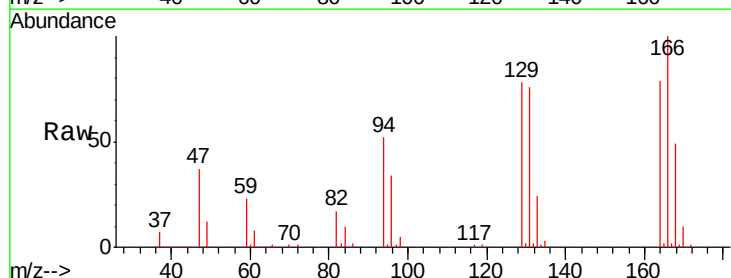
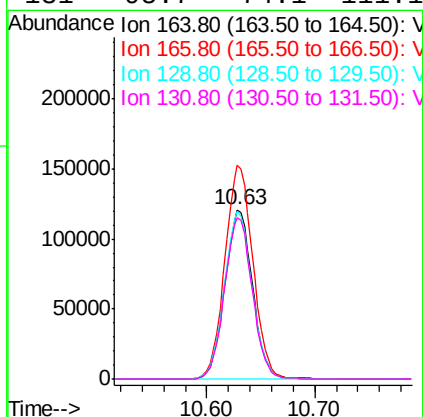
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

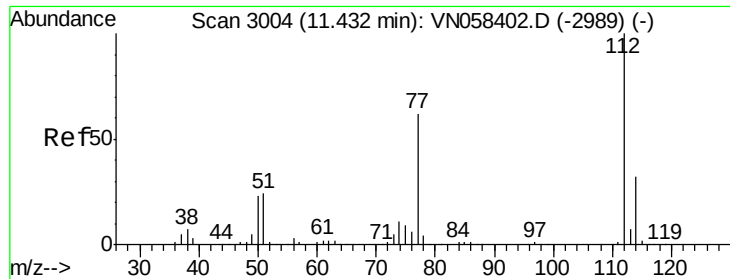
Tgt Ion:117 Resp: 695968
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.0
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 59.878 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN058418.D
Acq: 27 Sep 2019 19:04

Tgt Ion:164 Resp: 215756
Ion Ratio Lower Upper
164 100
166 126.3 101.1 151.7
129 98.9 79.2 118.8
131 95.7 74.1 111.1

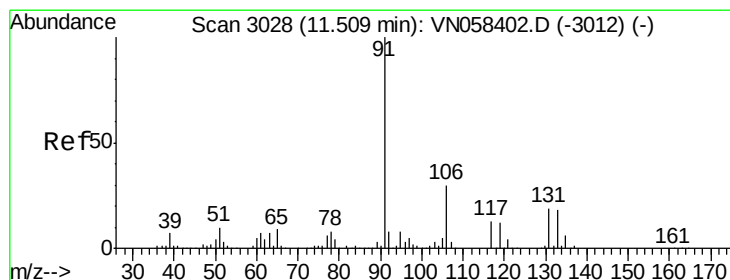
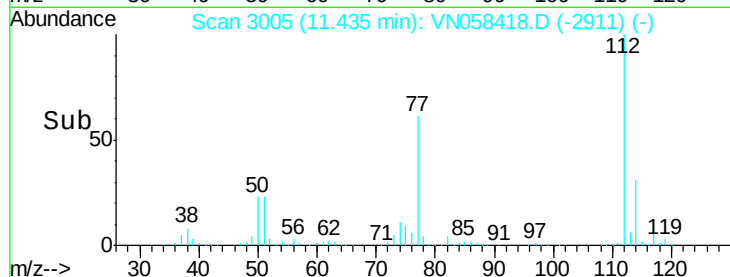
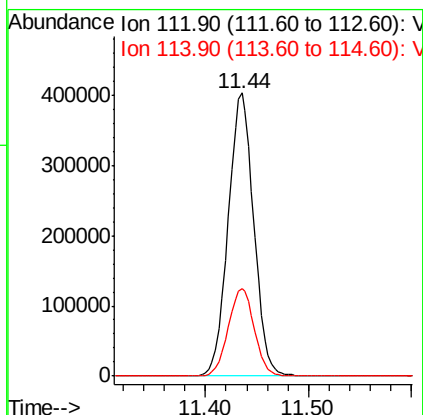
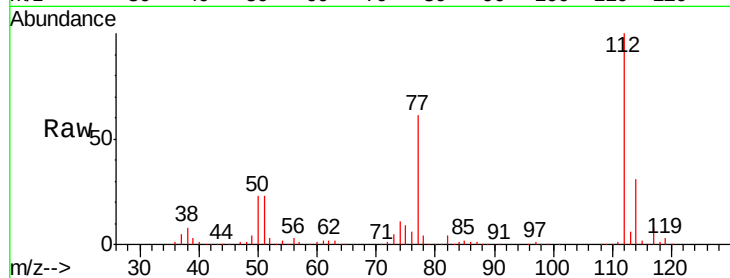




#65
Chlorobenzene
Concen: 55.143 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN058418.D
Acq: 27 Sep 2019 19:04

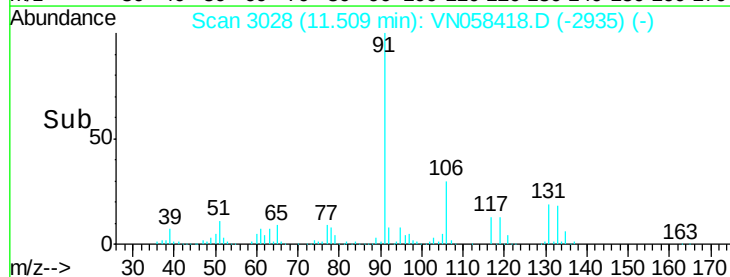
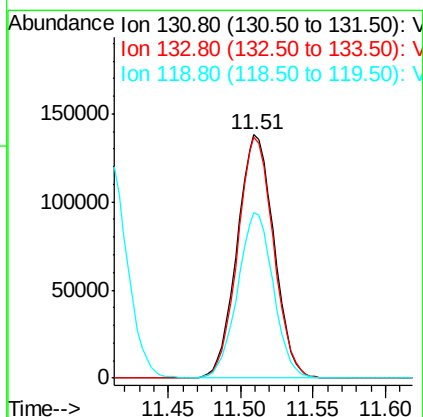
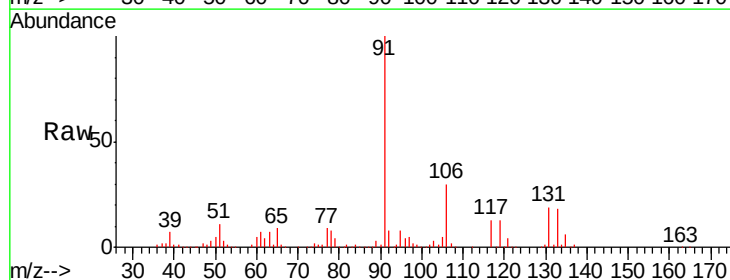
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

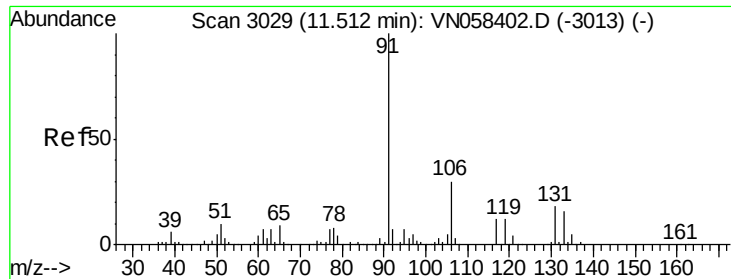
Tgt Ion:112 Resp: 695549
Ion Ratio Lower Upper
112 100
114 31.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 54.251 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN058418.D
Acq: 27 Sep 2019 19:04

Tgt Ion:131 Resp: 244311
Ion Ratio Lower Upper
131 100
133 96.2 47.8 143.3
119 65.7 33.0 99.0

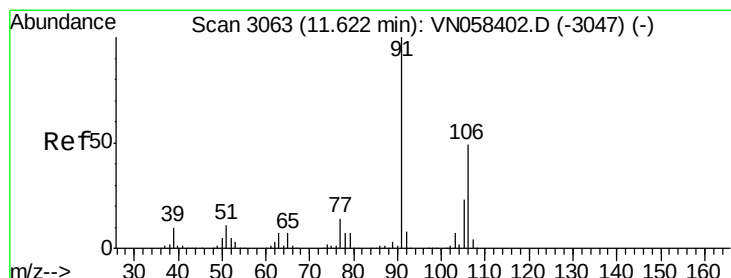
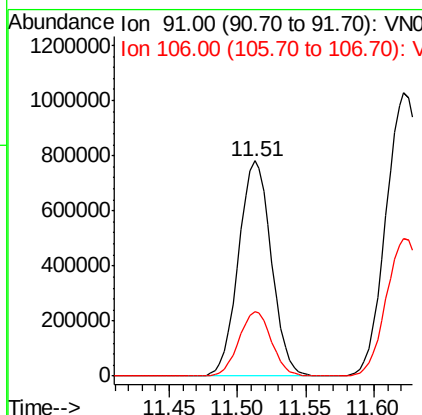
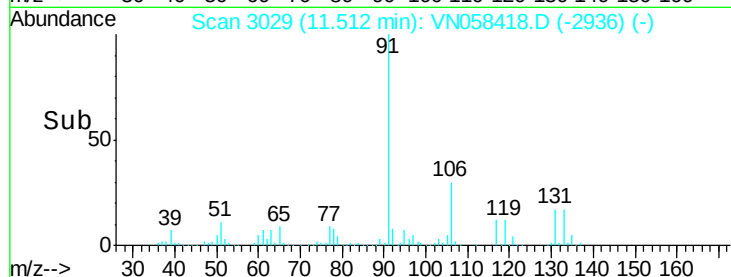
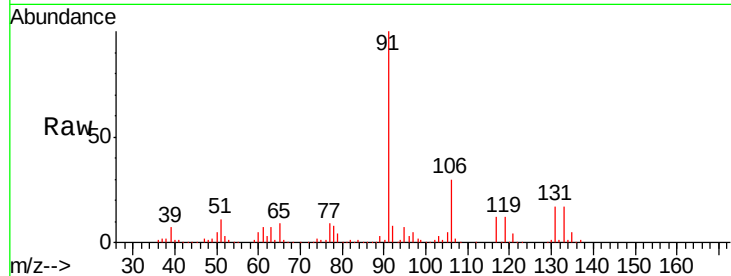




#67
Ethyl Benzene
Concen: 59.965 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN058418.D
Acq: 27 Sep 2019 19:04

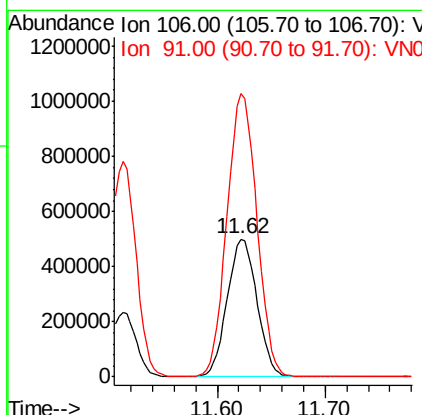
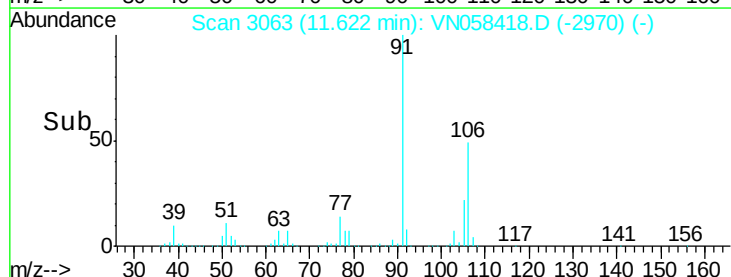
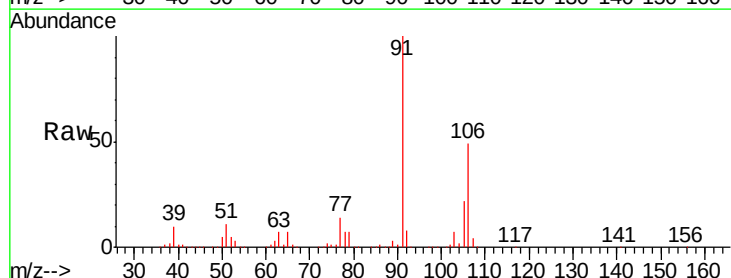
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

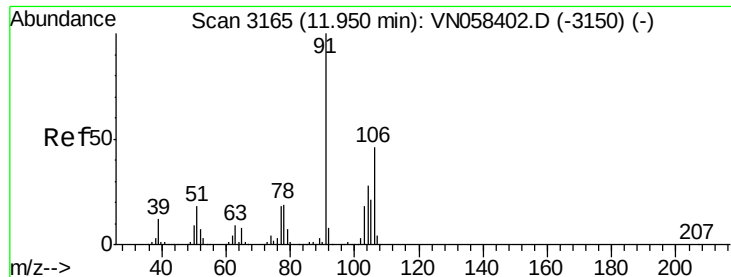
Tgt Ion: 91 Resp: 1306772
Ion Ratio Lower Upper
91 100
106 30.0 24.3 36.5



#68
m/p-Xylenes
Concen: 117.204 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN058418.D
Acq: 27 Sep 2019 19:04

Tgt Ion: 106 Resp: 963220
Ion Ratio Lower Upper
106 100
91 206.7 165.0 247.4

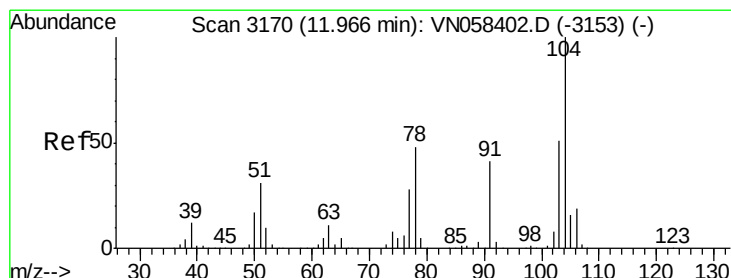
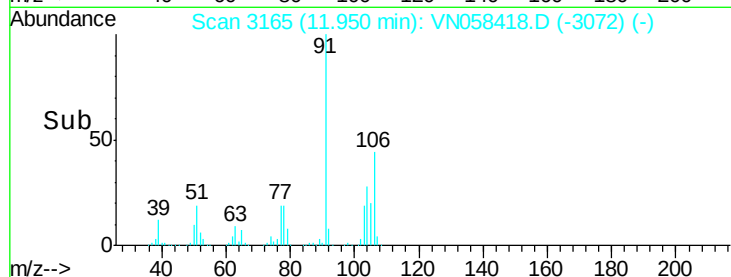
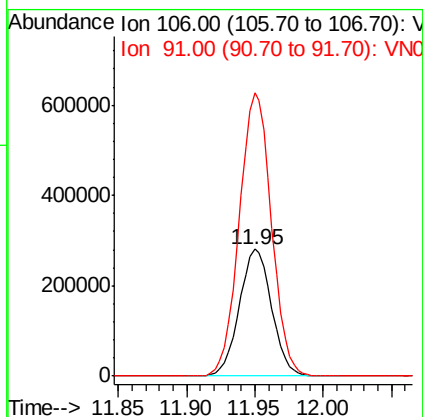
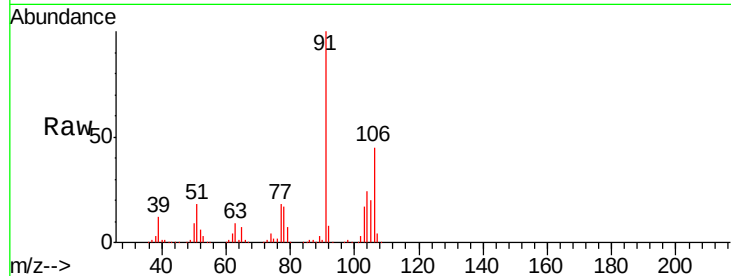




#69
o-Xylene
Concen: 57.430 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN058418.D
Acq: 27 Sep 2019 19:04

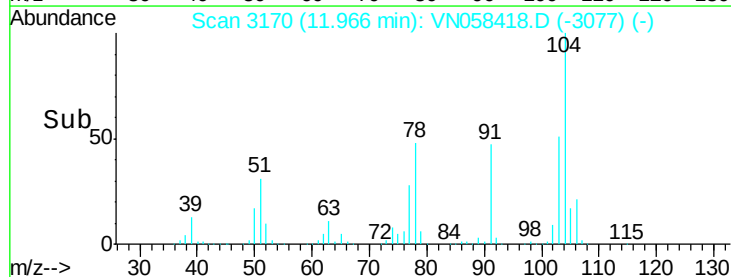
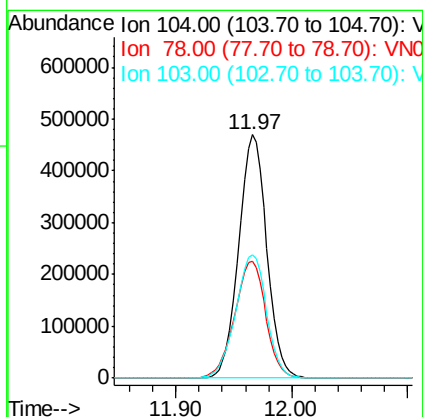
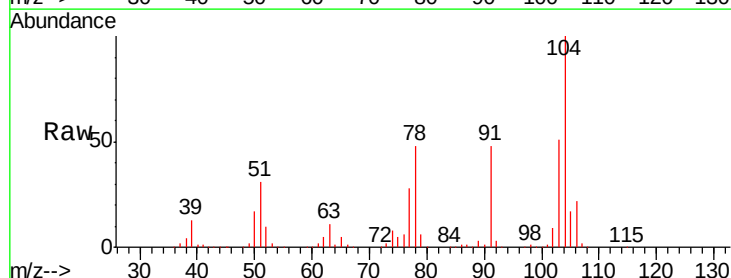
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

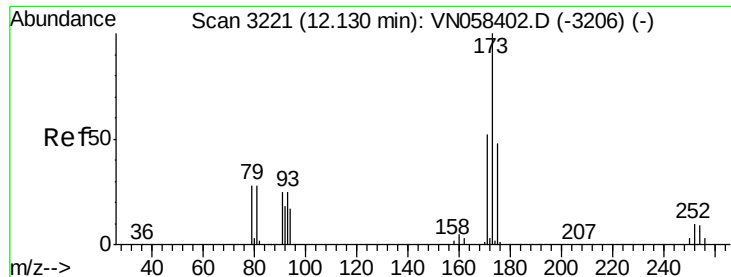
Tgt Ion:106 Resp: 461680
Ion Ratio Lower Upper
106 100
91 222.1 109.1 327.4



#70
Styrene
Concen: 57.383 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. -0.00 min
Lab File: VN058418.D
Acq: 27 Sep 2019 19:04

Tgt Ion:104 Resp: 786201
Ion Ratio Lower Upper
104 100
78 53.3 42.8 64.2
103 56.0 43.7 65.5





#71

Bromoform

Concen: 57.093 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. -0.00 min

Lab File: VN058418.D

Acq: 27 Sep 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

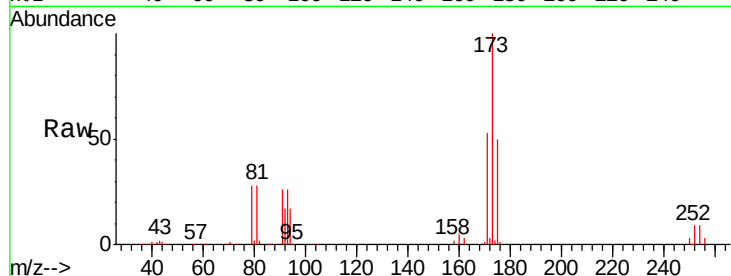
Tgt Ion:173 Resp: 161870

Ion Ratio Lower Upper

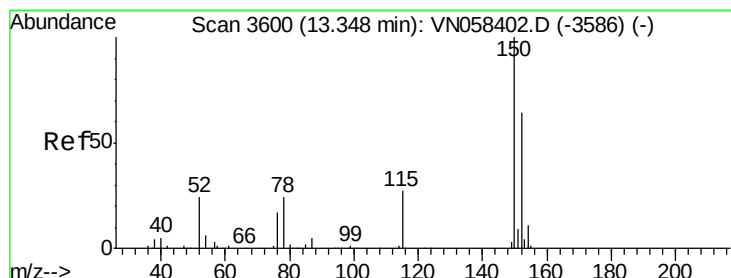
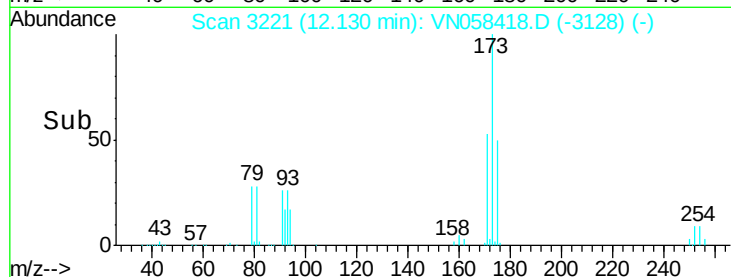
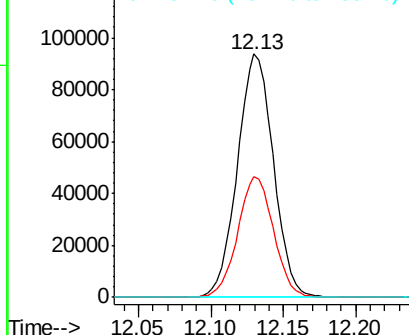
173 100

175 49.3 24.3 73.0

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058418.D

Acq: 27 Sep 2019 19:04

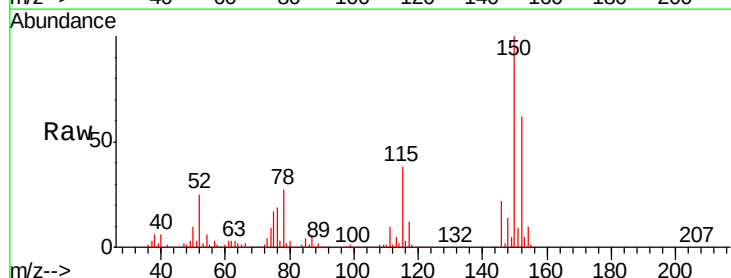
Tgt Ion:152 Resp: 341503

Ion Ratio Lower Upper

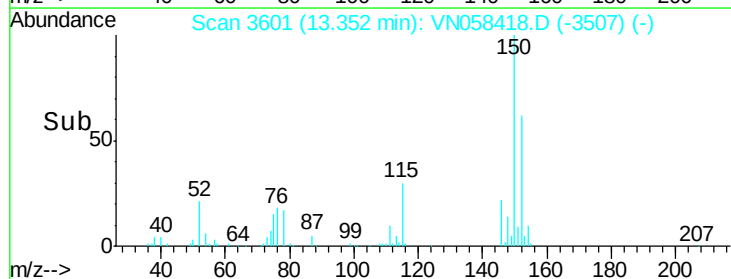
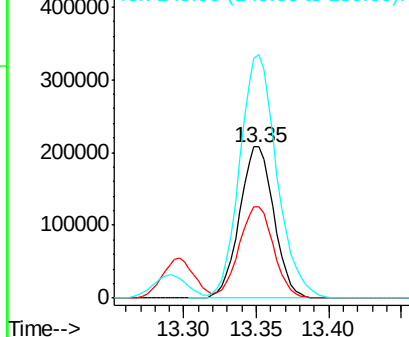
152 100

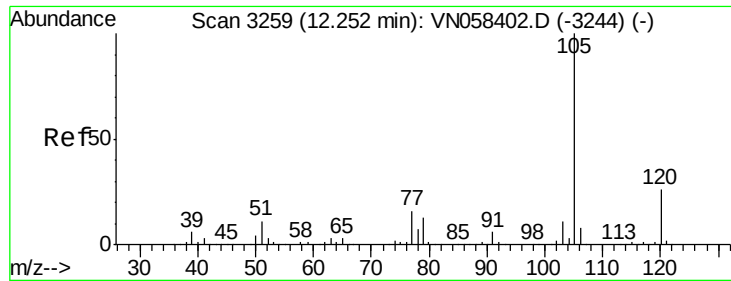
115 61.1 30.0 90.0

150 173.8 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 57.480 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN058418.D

Acq: 27 Sep 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

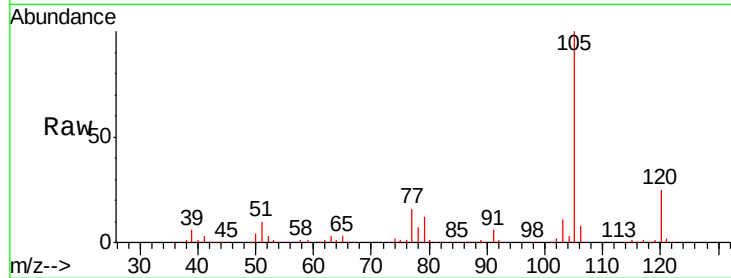
VSTDCCC050EC

Tgt Ion:105 Resp: 1270319

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

400000

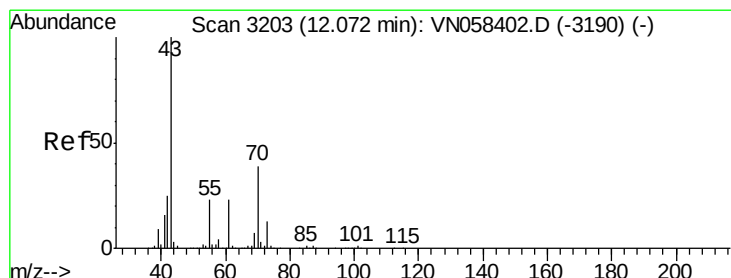
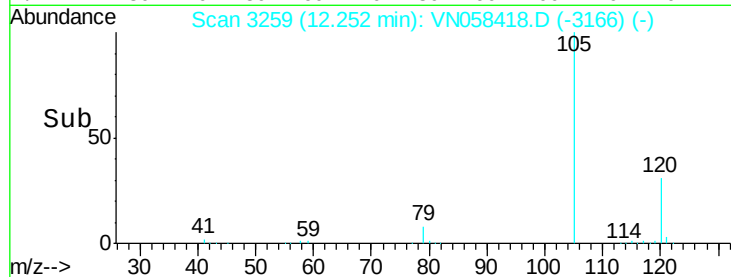
200000

0

12.25

12.30

Time-->



#74

N-ethyl acetate

Concen: 57.769 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VN058418.D

Acq: 27 Sep 2019 19:04

Tgt Ion: 43 Resp: 527827

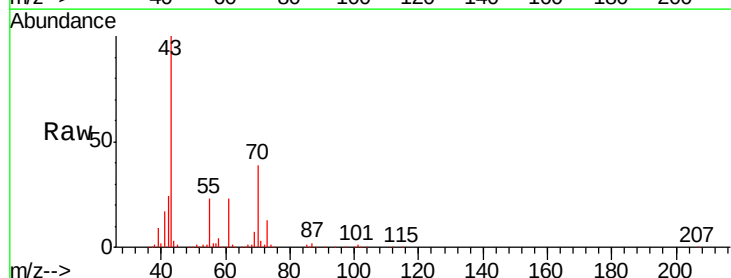
Ion Ratio Lower Upper

43 100

70 39.0 31.4 47.2

55 23.0 18.2 27.4

61 22.9 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

500000

400000

300000

200000

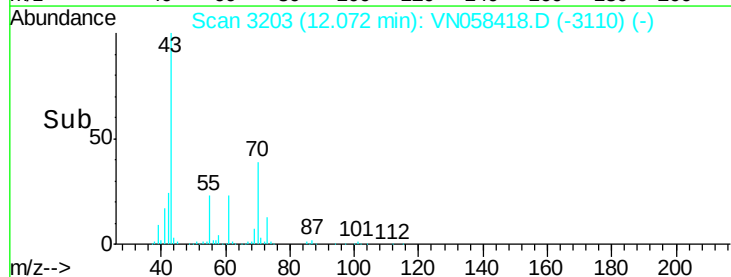
100000

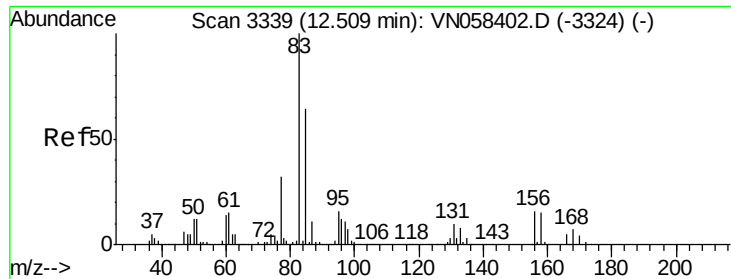
0

12.07

12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.601 ug/l

RT: 12.51 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN058418.D

Acq: 27 Sep 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

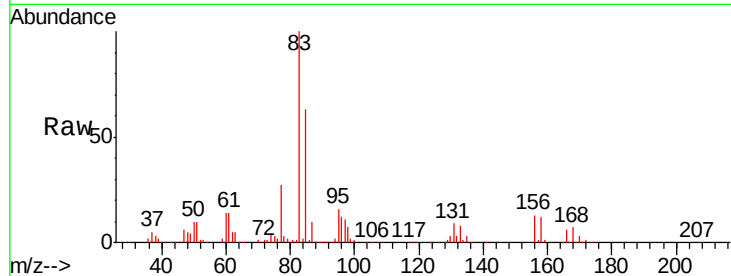
Tgt Ion: 83 Resp: 372154

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.7

85 63.1 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

12.51

200000

150000

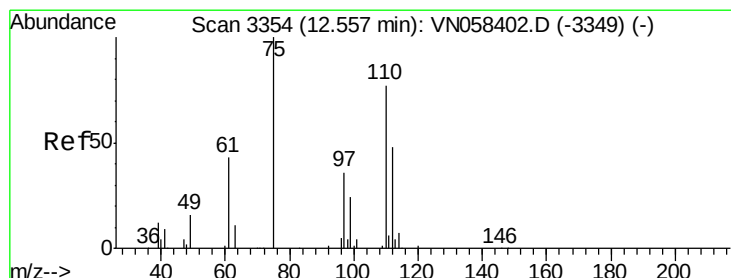
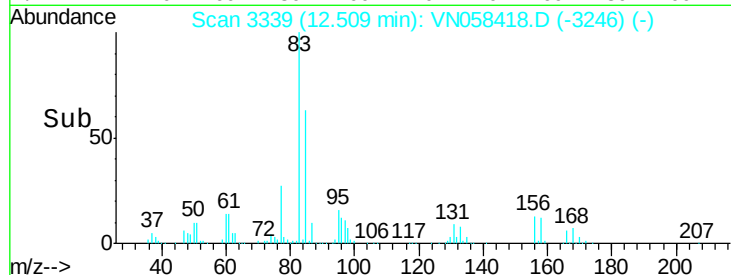
100000

50000

0

12.45 12.50 12.55

Time-->



#76

1,2,3-Trichloropropane

Concen: 76.222 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN058418.D

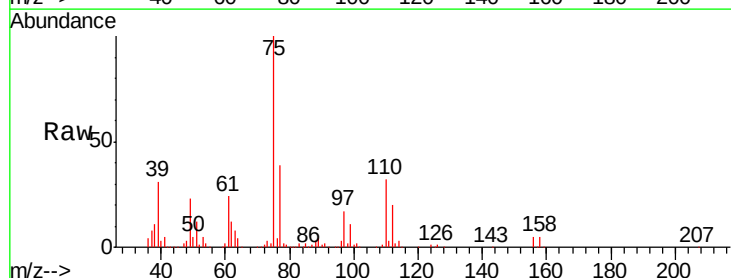
Acq: 27 Sep 2019 19:04

Tgt Ion: 75 Resp: 472514

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

300000

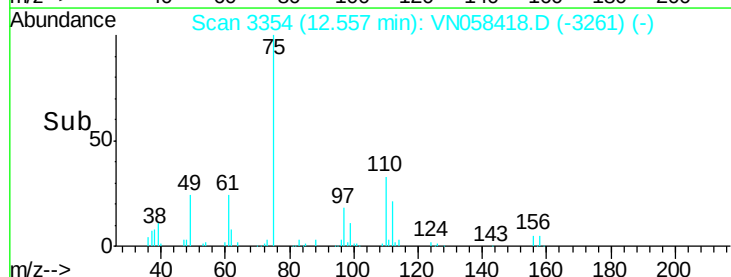
200000

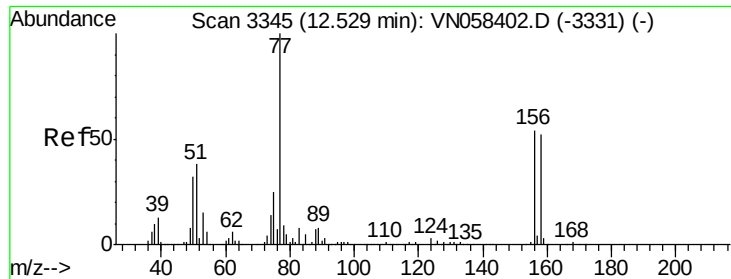
100000

0

12.50 12.55 12.60

Time-->





#77

Bromobenzene

Concen: 52.345 ug/l

RT: 12.53 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN058418.D

Acq: 27 Sep 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

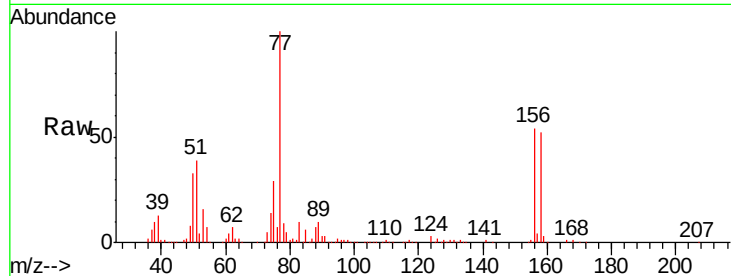
Tgt Ion:156 Resp: 288442

Ion Ratio Lower Upper

156 100

77 223.9 110.0 330.0

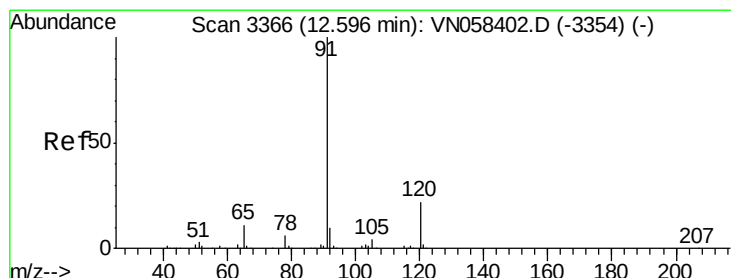
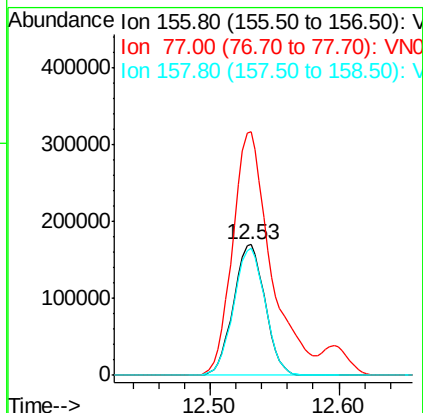
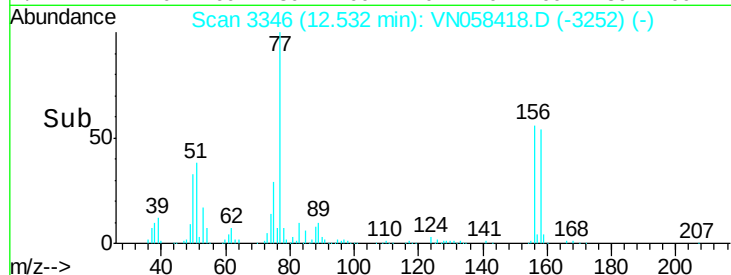
158 97.5 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 59.032 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN058418.D

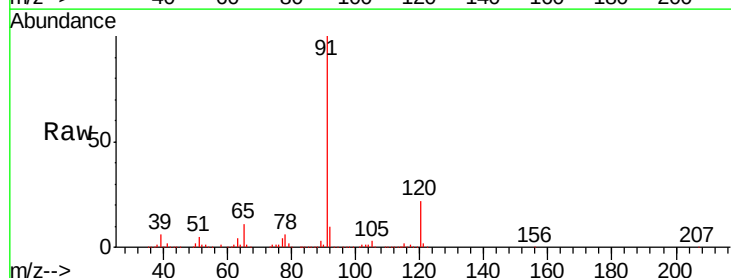
Acq: 27 Sep 2019 19:04

Tgt Ion: 91 Resp: 1483503

Ion Ratio Lower Upper

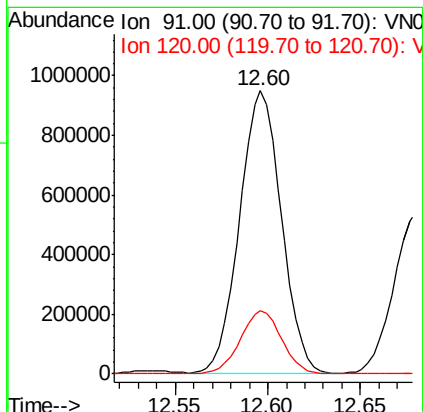
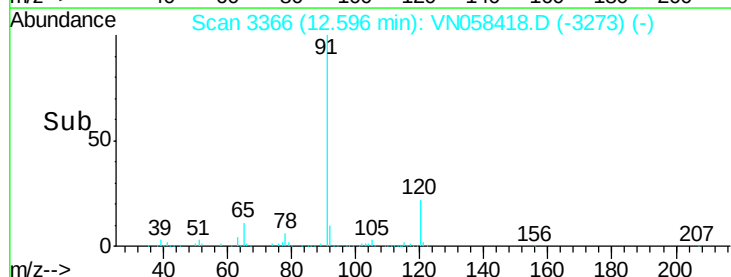
91 100

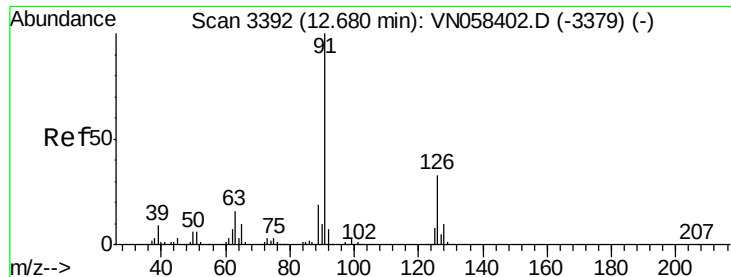
120 22.2 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.607 ug/l

RT: 12.68 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN058418.D

Acq: 27 Sep 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

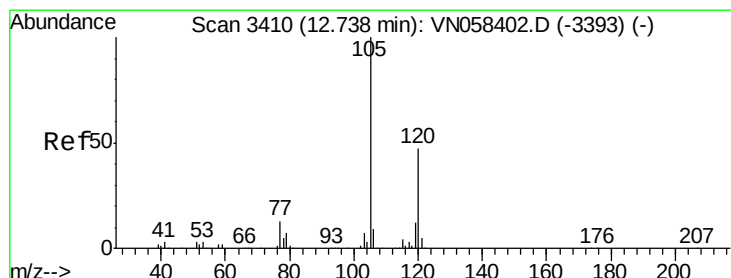
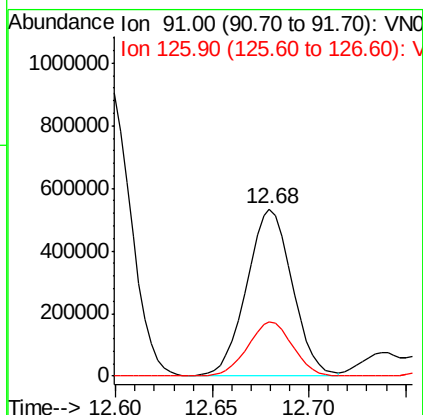
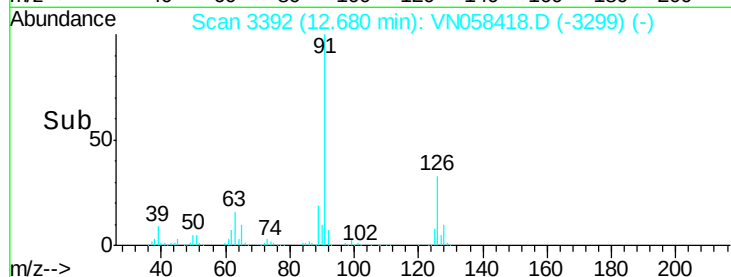
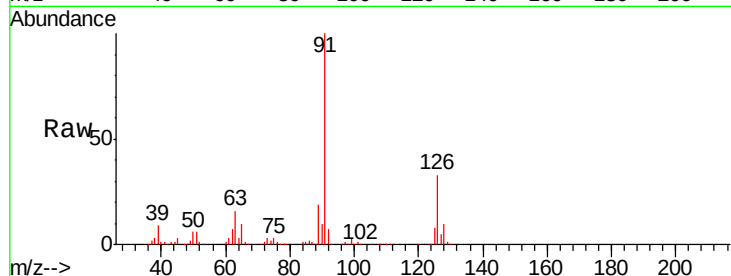
VSTDCCC050EC

Tgt Ion: 91 Resp: 868557

Ion Ratio Lower Upper

91 100

126 32.5 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 57.963 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN058418.D

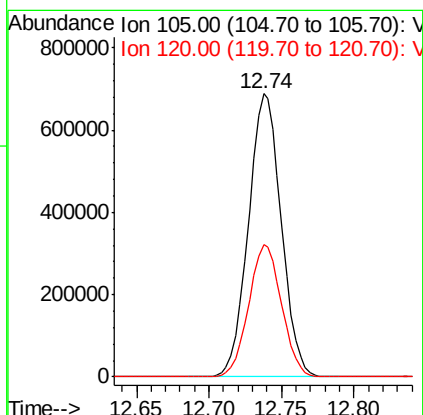
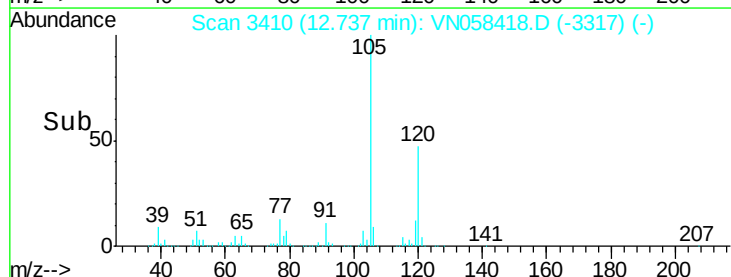
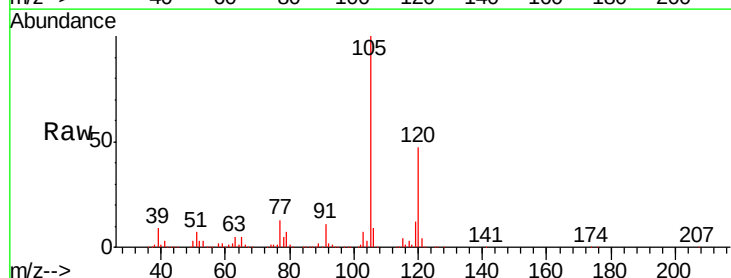
Acq: 27 Sep 2019 19:04

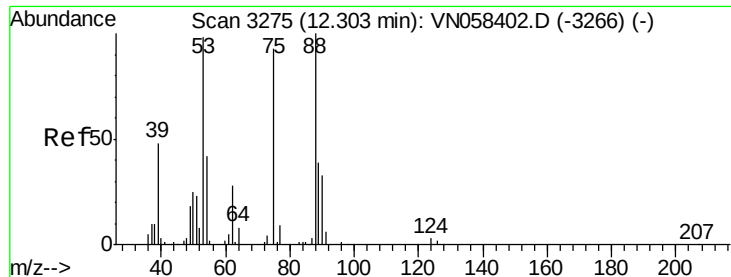
Tgt Ion: 105 Resp: 1079699

Ion Ratio Lower Upper

105 100

120 47.0 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 54.736 ug/l

RT: 12.31 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN058418.D

Acq: 27 Sep 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

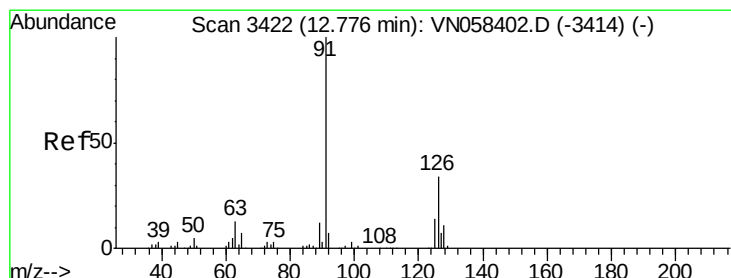
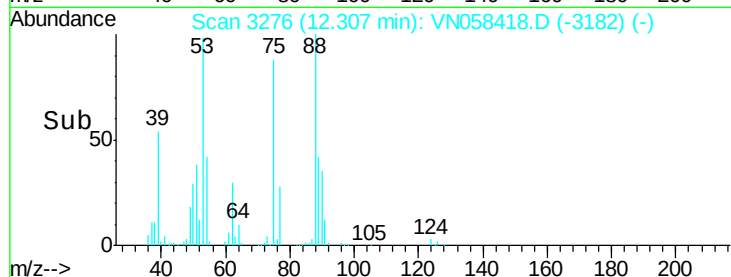
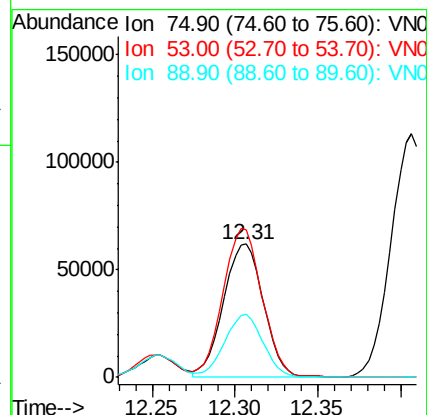
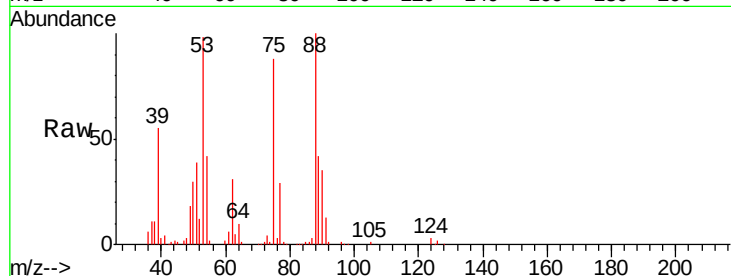
Tgt Ion: 75 Resp: 104371

Ion Ratio Lower Upper

75 100

53 109.4 85.4 128.0

89 44.9 35.0 52.4



#82

4-Chlorotoluene

Concen: 55.413 ug/l

RT: 12.78 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN058418.D

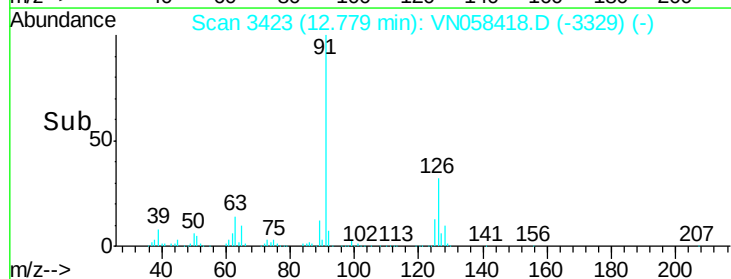
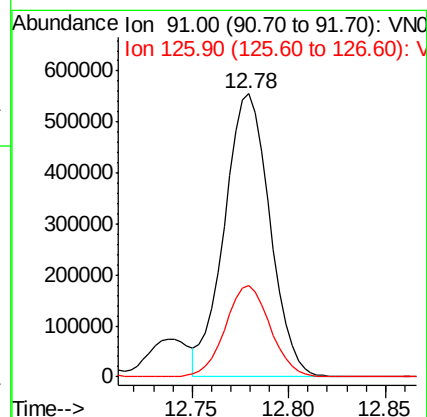
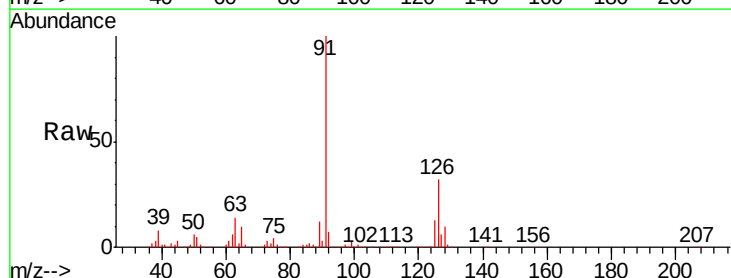
Acq: 27 Sep 2019 19:04

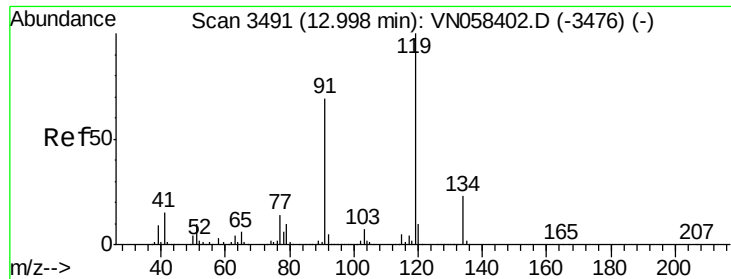
Tgt Ion: 91 Resp: 905070

Ion Ratio Lower Upper

91 100

126 31.8 15.9 47.7

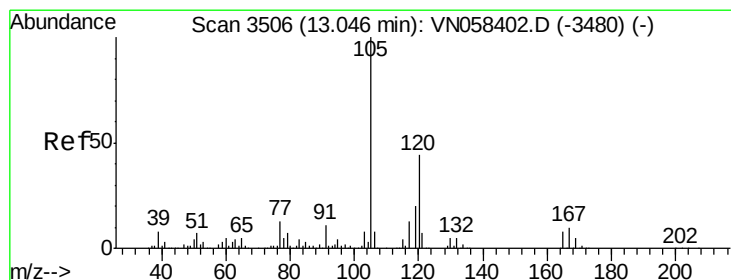
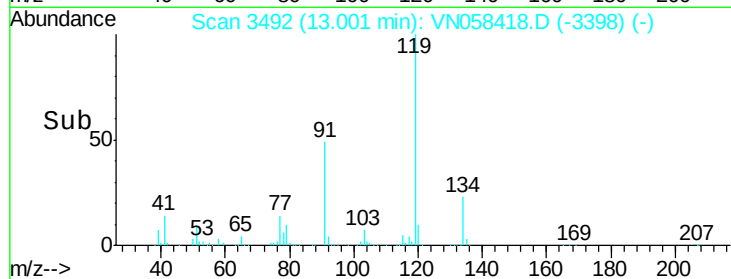
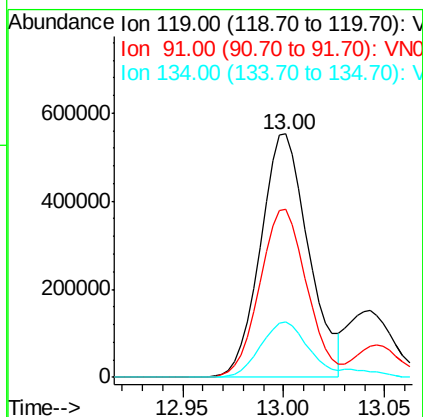
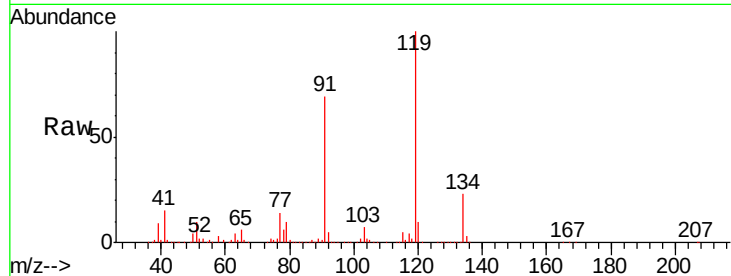




#83
 tert-Butylbenzene
 Concen: 55.792 ug/l
 RT: 13.00 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN058418.D
 Acq: 27 Sep 2019 19:04

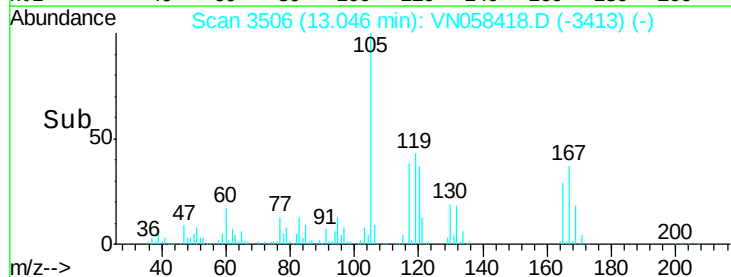
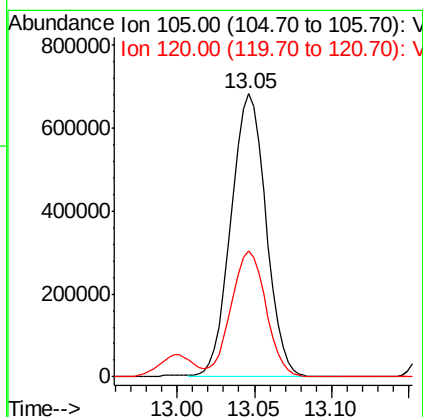
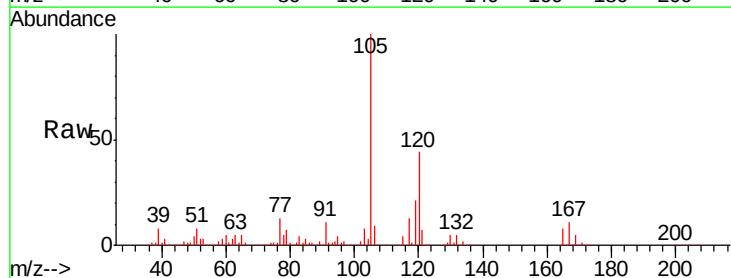
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

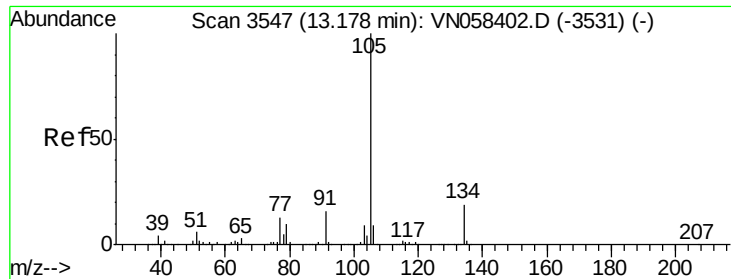
Tgt Ion:119 Resp: 917895
 Ion Ratio Lower Upper
 119 100
 91 67.2 34.2 102.6
 134 25.0 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 57.648 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN058418.D
 Acq: 27 Sep 2019 19:04

Tgt Ion:105 Resp: 1069235
 Ion Ratio Lower Upper
 105 100
 120 44.6 21.7 65.1





#85

sec-Butylbenzene

Concen: 57.267 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN058418.D

Acq: 27 Sep 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

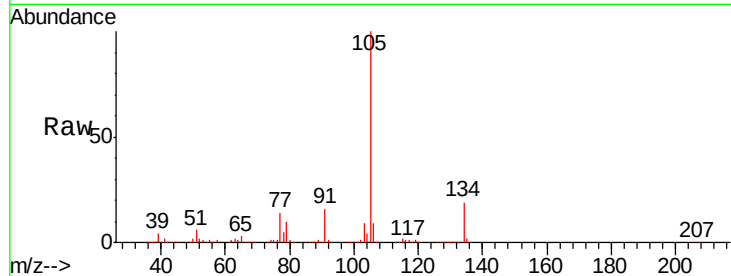
VSTDCCC050EC

Tgt Ion:105 Resp: 1231987

Ion Ratio Lower Upper

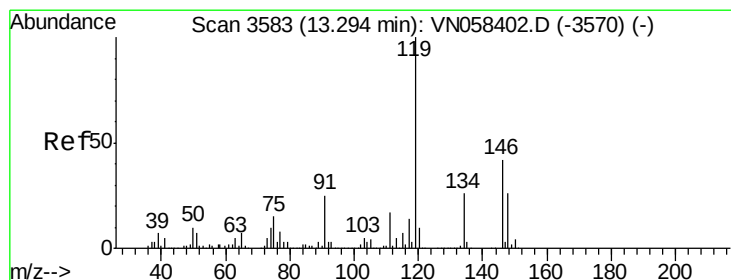
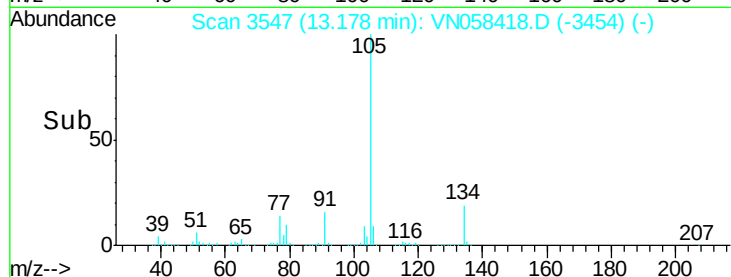
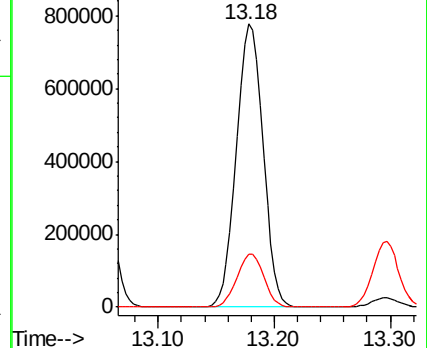
105 100

134 18.8 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 58.195 ug/l

RT: 13.30 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN058418.D

Acq: 27 Sep 2019 19:04

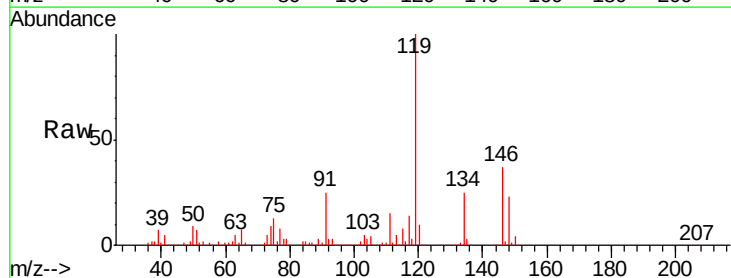
Tgt Ion:119 Resp: 1110553

Ion Ratio Lower Upper

119 100

134 25.2 13.0 39.0

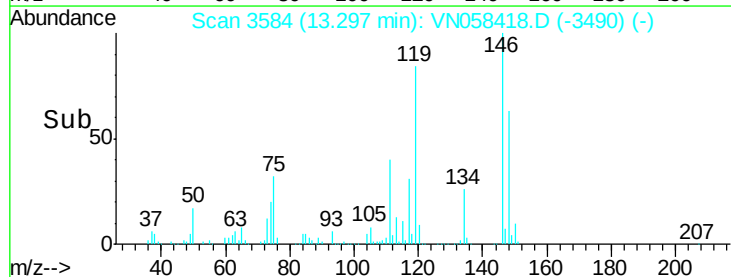
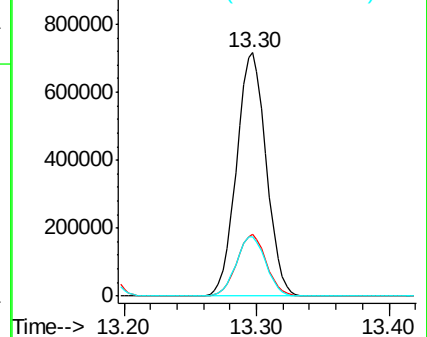
91 24.4 12.4 37.0

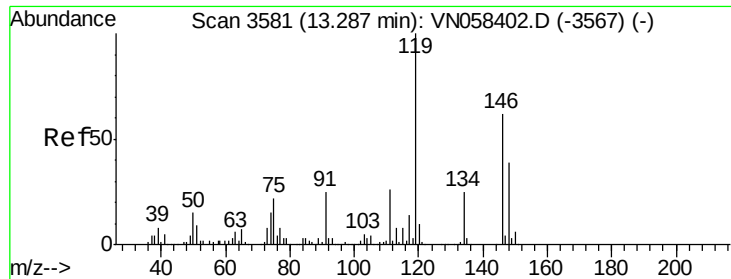


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

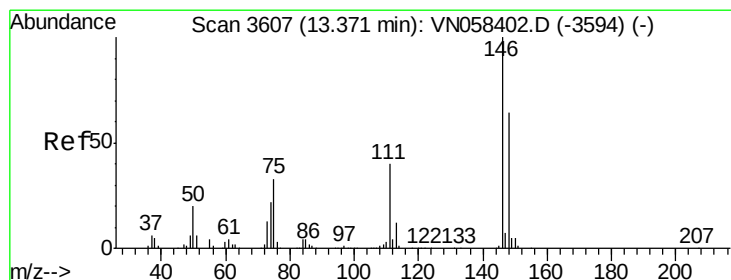
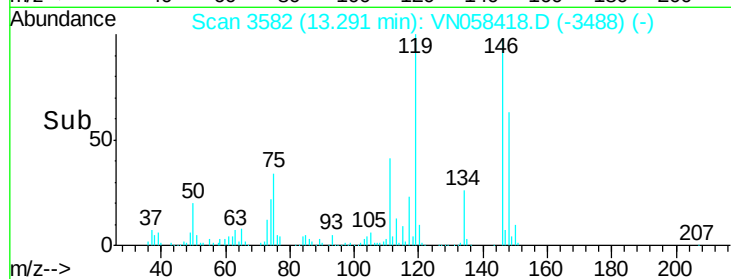
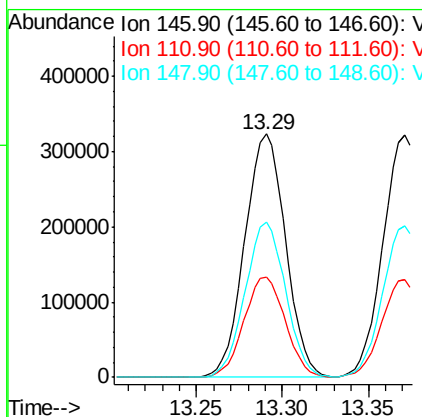
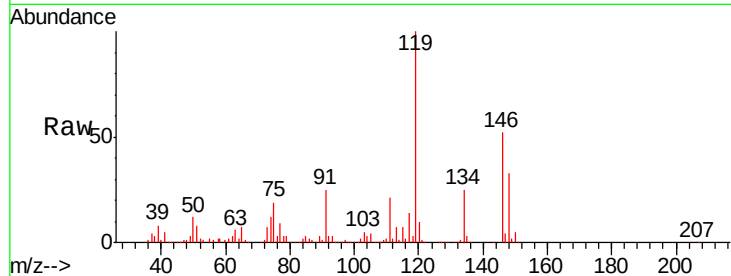




#87
 1,3-Dichlorobenzene
 Concen: 53.342 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN058418.D
 Acq: 27 Sep 2019 19:04

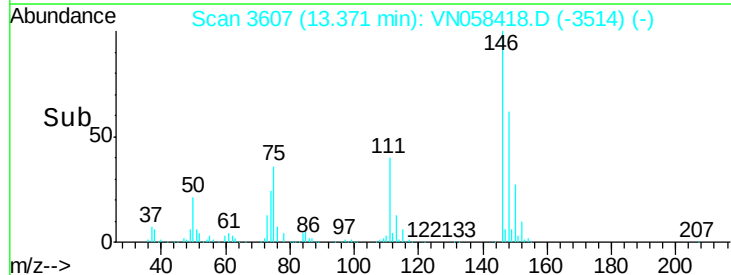
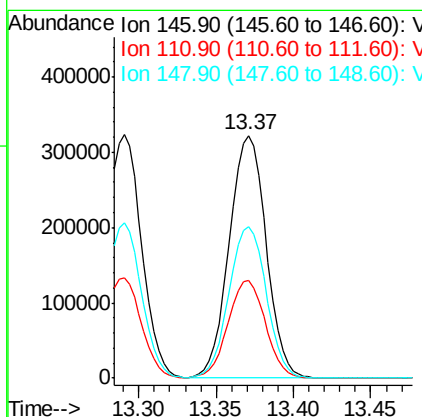
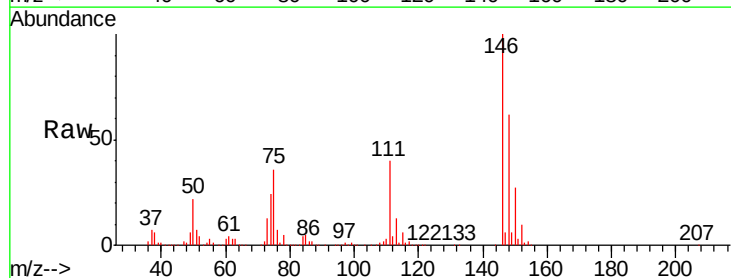
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

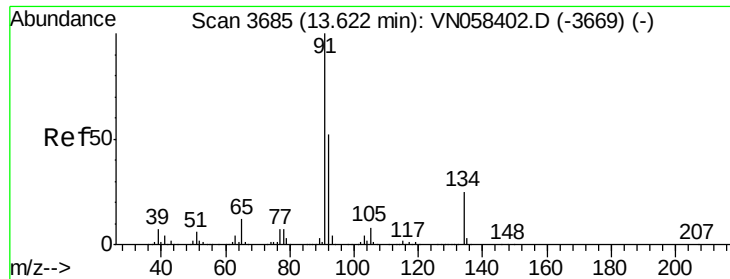
Tgt Ion:146 Resp: 533046
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.8 62.4
 148 63.1 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 52.383 ug/l
 RT: 13.37 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN058418.D
 Acq: 27 Sep 2019 19:04

Tgt Ion:146 Resp: 532859
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.5 61.6
 148 63.4 31.5 94.5

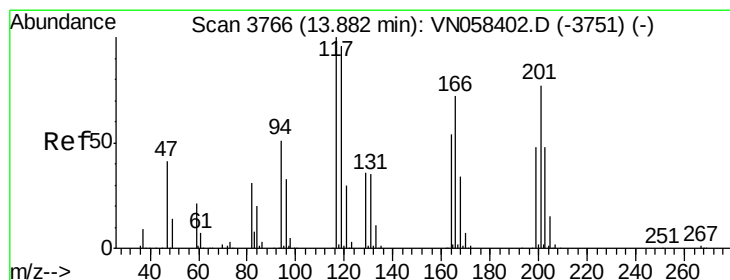
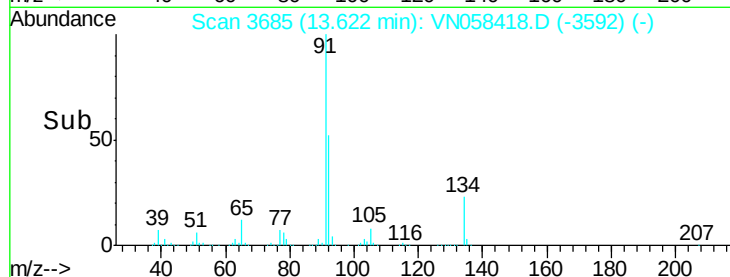
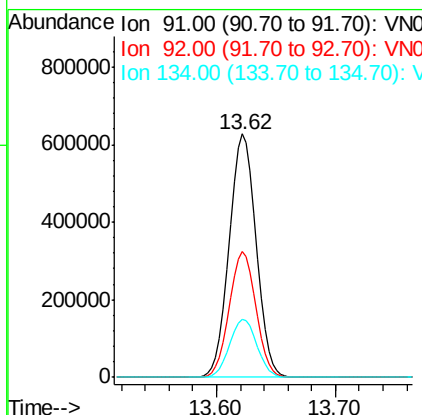
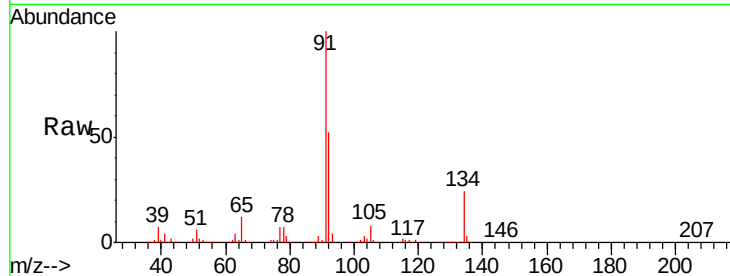




#89
n-Butylbenzene
Concen: 55.141 ug/l
RT: 13.62 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN058418.D
Acq: 27 Sep 2019 19:04

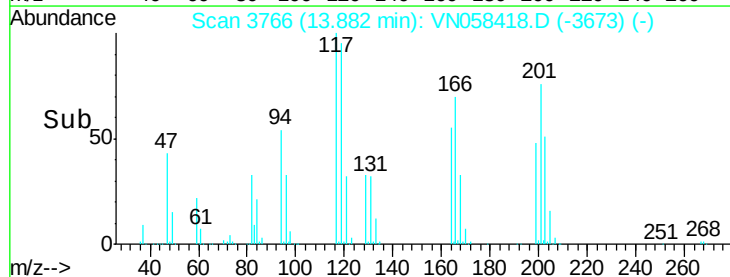
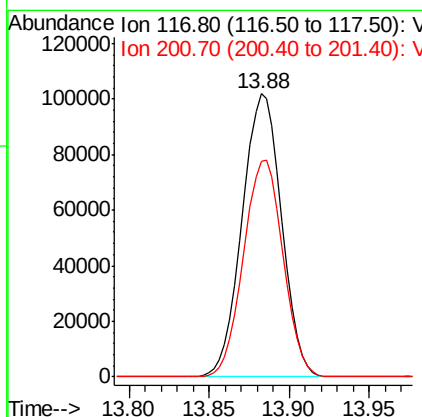
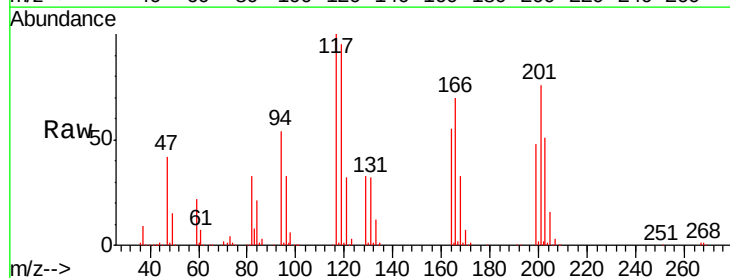
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

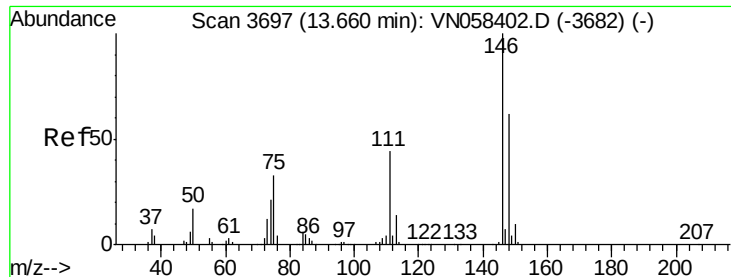
Tgt Ion: 91 Resp: 983880
Ion Ratio Lower Upper
91 100
92 51.2 25.7 77.1
134 24.3 12.2 36.6



#90
Hexachloroethane
Concen: 57.961 ug/l
RT: 13.88 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN058418.D
Acq: 27 Sep 2019 19:04

Tgt Ion: 117 Resp: 171242
Ion Ratio Lower Upper
117 100
201 76.9 38.6 116.0

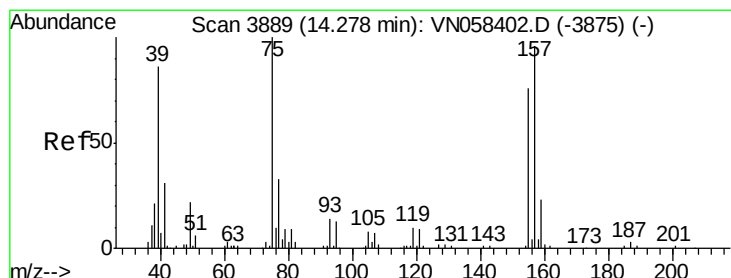
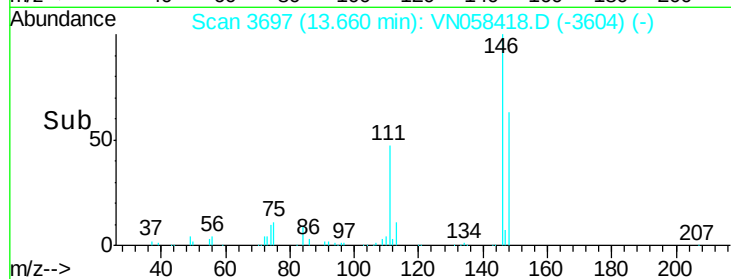
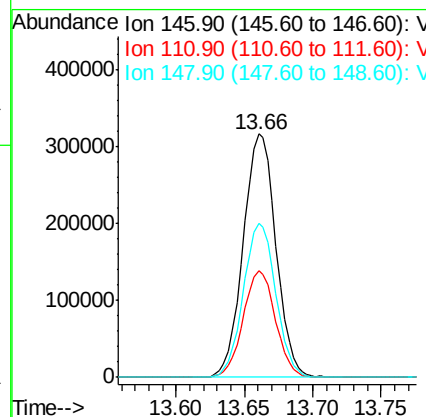
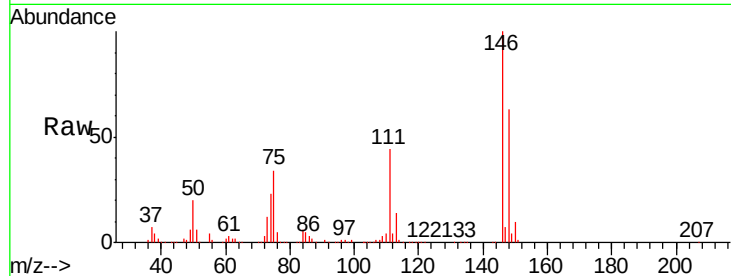




#91
 1,2-Dichlorobenzene
 Concen: 52.920 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN058418.D
 Acq: 27 Sep 2019 19:04

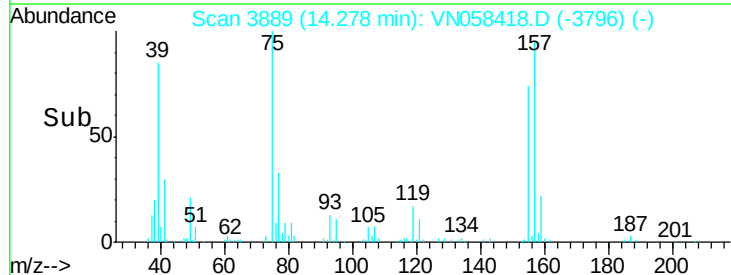
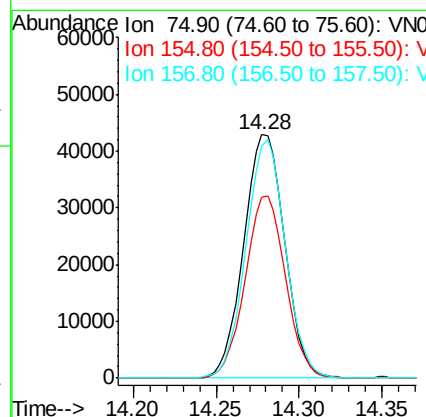
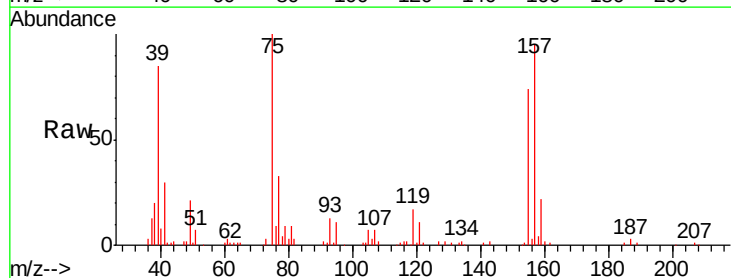
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

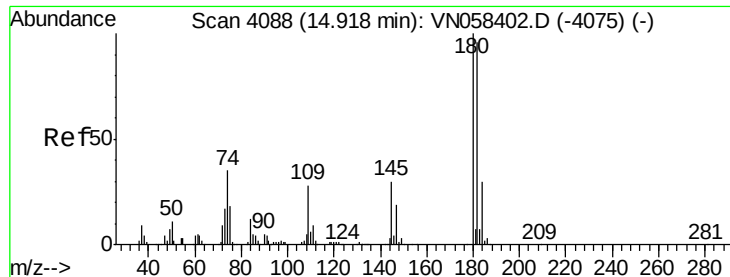
Tgt Ion: 146 Resp: 525968
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.8 65.3
 148 62.8 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.114 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN058418.D
 Acq: 27 Sep 2019 19:04

Tgt Ion: 75 Resp: 74006
 Ion Ratio Lower Upper
 75 100
 155 73.4 39.2 117.6
 157 94.1 48.7 146.1

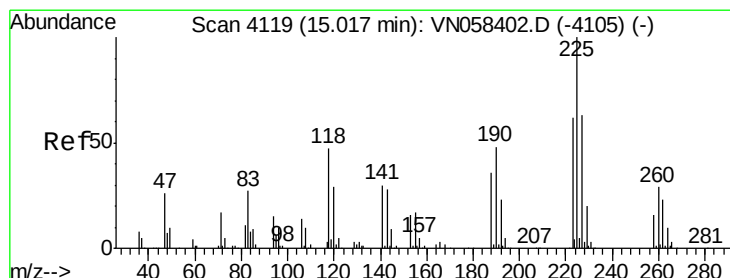
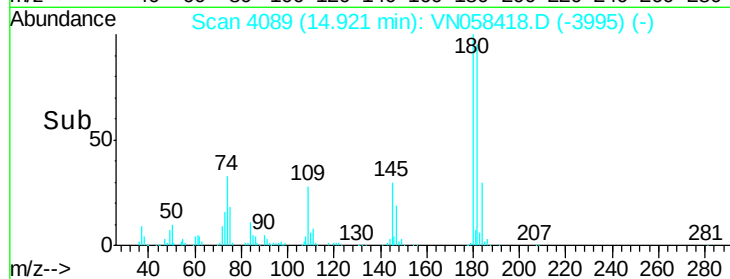
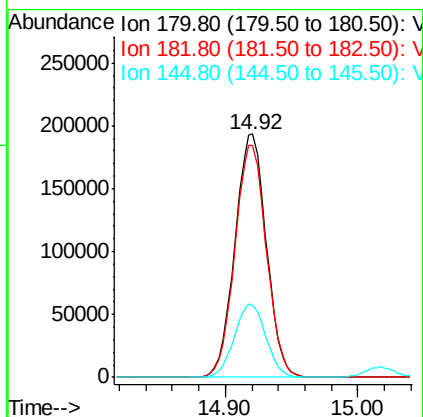
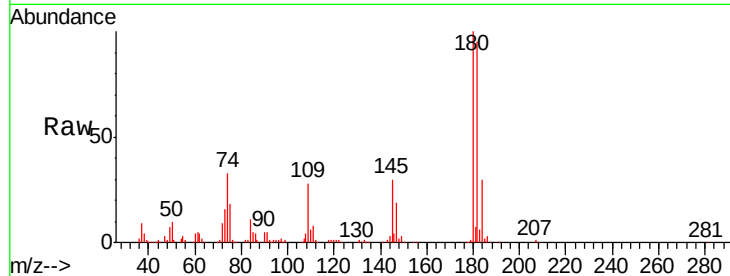




#93
 1,2,4-Trichlorobenzene
 Concen: 50.722 ug/l
 RT: 14.92 min Scan# 4089
 Delta R.T. 0.00 min
 Lab File: VN058418.D
 Acq: 27 Sep 2019 19:04

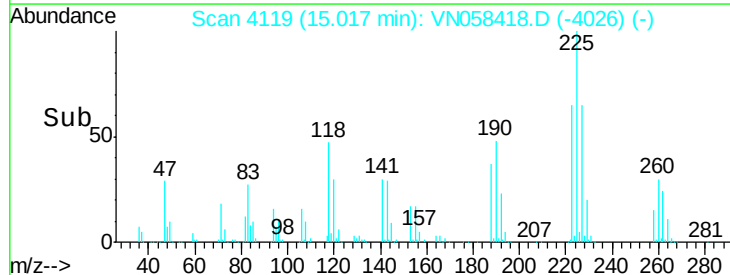
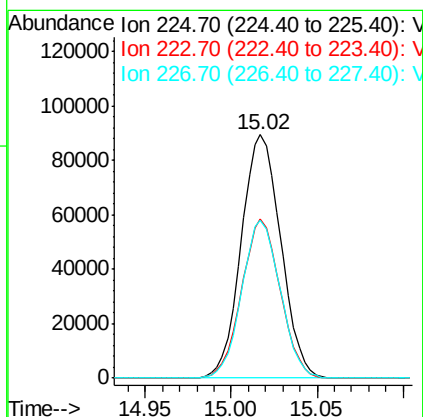
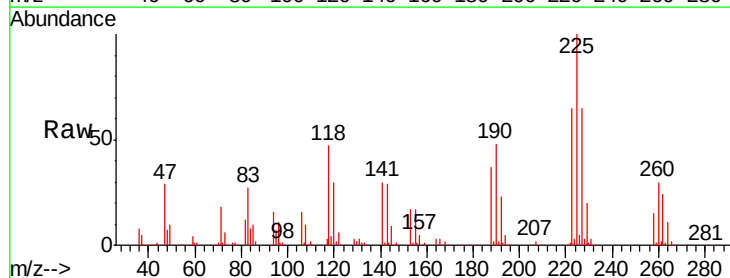
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

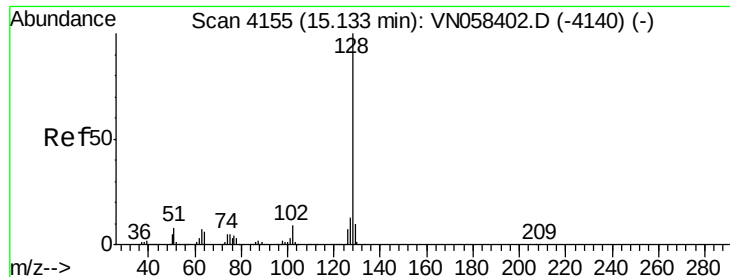
Tgt Ion:180 Resp: 317152
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.4 142.3
 145 30.3 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 47.252 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN058418.D
 Acq: 27 Sep 2019 19:04

Tgt Ion:225 Resp: 143055
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.1 93.5
 227 63.1 31.4 94.2





#95

Naphthalene

Concen: 54.240 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058418.D

Acq: 27 Sep 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

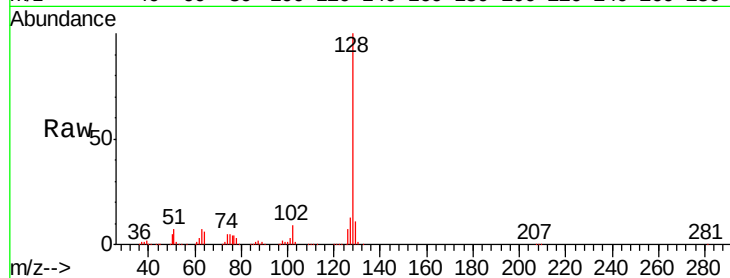
Tgt Ion:128 Resp: 876919

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

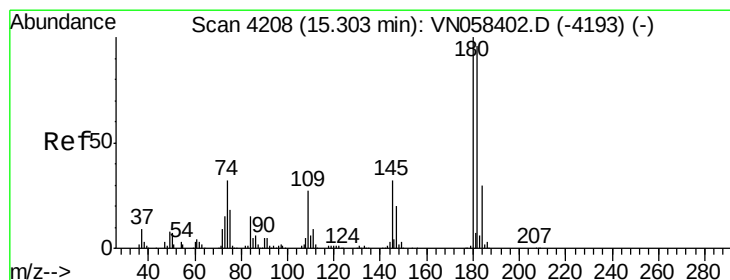
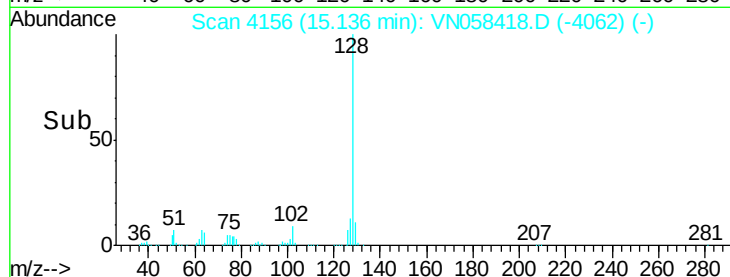
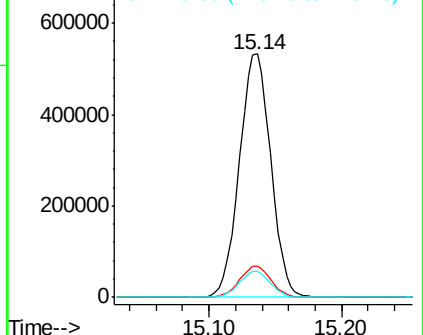
129 10.7 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.955 ug/l

RT: 15.30 min Scan# 4208

Delta R.T. -0.00 min

Lab File: VN058418.D

Acq: 27 Sep 2019 19:04

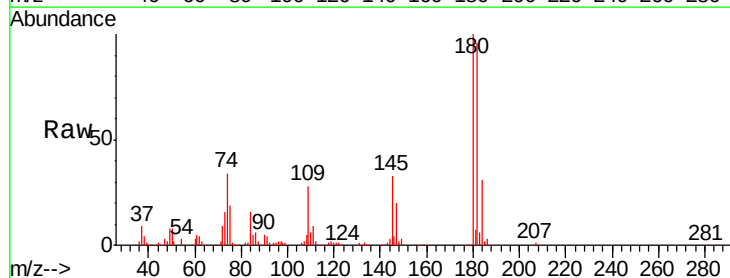
Tgt Ion:180 Resp: 299247

Ion Ratio Lower Upper

180 100

182 95.7 48.3 144.9

145 32.5 16.1 48.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

