

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091419\
 Data File : VN058020.D
 Acq On : 13 Sep 2019 16:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 14 03:35:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	338180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	538780	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	511015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	312834	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	349680	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
35) Dibromofluoromethane	7.57	113	256004	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	10.08	98	1008320	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	
62) 4-Bromofluorobenzene	12.40	95	367896	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	239222	51.150	ug/l	100
3) Chloromethane	2.04	50	199359	41.823	ug/l	97
4) Vinyl Chloride	2.17	62	205433	40.721	ug/l	100
5) Bromomethane	2.54	94	135020	48.662	ug/l	98
6) Chloroethane	2.68	64	131722	40.974	ug/l	98
7) Trichlorofluoromethane	3.00	101	273054	43.009	ug/l	99
8) Diethyl Ether	3.39	74	129282	48.823	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	205139	51.220	ug/l	98
10) Methyl Iodide	3.93	142	200278	44.937	ug/l	98
11) Tert butyl alcohol	4.75	59	197061	237.705	ug/l	99
12) 1,1-Dichloroethene	3.72	96	168481	46.787	ug/l	96
13) Acrolein	3.58	56	50947	72.436	ug/l	100
14) Allyl chloride	4.30	41	336085	47.691	ug/l	99
15) Acrylonitrile	4.96	53	590198	259.014	ug/l	100
16) Acetone	3.79	43	604016	269.000	ug/l	99
17) Carbon Disulfide	4.03	76	237692	42.434	ug/l	99
18) Methyl Acetate	4.30	43	335973	56.118	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	778252	51.932	ug/l	100
20) Methylene Chloride	4.53	84	225959	52.933	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	181176	46.542	ug/l	97
22) Diisopropyl ether	5.92	45	856270	51.812	ug/l	96
23) Vinyl Acetate	5.87	43	3203593	273.525	ug/l	99
24) 1,1-Dichloroethane	5.82	63	458515	50.765	ug/l	99
25) 2-Butanone	6.81	43	864041	265.866	ug/l	97
26) 2,2-Dichloropropane	6.80	77	373496	52.253	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	258343	49.522	ug/l	98
28) Bromochloromethane	7.17	49	232809	51.594	ug/l	96
29) Tetrahydrofuran	7.19	42	519630	259.477	ug/l	99
30) Chloroform	7.36	83	480185	50.846	ug/l	97
31) Cyclohexane	7.64	56	314616	51.168	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	375291	50.106	ug/l	98
36) 1,1-Dichloropropene	7.78	75	298550	47.780	ug/l	99
37) Ethyl Acetate	6.90	43	327886	50.789	ug/l	99
38) Carbon Tetrachloride	7.76	117	302693	53.060	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	313266	47.692	ug/l	97
40) Benzene	8.03	78	951095	50.558	ug/l	98
41) Methacrylonitrile	7.19	41	490401	167.344	ug/l #	16
42) 1,2-Dichloroethane	8.11	62	390445	51.897	ug/l	99
43) Isopropyl Acetate	8.15	43	599306	55.202	ug/l #	89
44) Trichloroethene	8.82	130	231988	50.279	ug/l	96
45) 1,2-Dichloropropane	9.11	63	288128	52.636	ug/l	100
46) Dibromomethane	9.20	93	175332	53.005	ug/l	99
47) Bromodichloromethane	9.40	83	364980	55.255	ug/l	99
48) Methyl methacrylate	9.19	41	287987	52.293	ug/l	99
49) 1,4-Dioxane	9.19	88	87828	943.063	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1789258	278.503	ug/l	100
52) Toluene	10.15	92	609177	51.414	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	386575	55.576	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	425042	55.346	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	264402	52.682	ug/l	98
56) Ethyl methacrylate	10.43	69	406709	53.813	ug/l	100
57) 1,3-Dichloropropane	10.71	76	459538	53.130	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	908645	255.259	ug/l	100
59) 2-Hexanone	10.75	43	1333613	276.944	ug/l	100
60) Dibromochloromethane	10.90	129	262862	56.402	ug/l	99
61) 1,2-Dibromoethane	11.00	107	249907	52.669	ug/l	99
64) Tetrachloroethene	10.63	164	187901	49.800	ug/l	97
65) Chlorobenzene	11.43	112	687105	51.378	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	254026	54.740	ug/l	100
67) Ethyl Benzene	11.51	91	1250306	53.346	ug/l	100
68) m/p-Xylenes	11.62	106	915965	106.690	ug/l	100
69) o-Xylene	11.95	106	452040	52.963	ug/l	96
70) Styrene	11.97	104	801180	54.544	ug/l	99
71) Bromoform	12.13	173	162502	56.166	ug/l #	98
73) Isopropylbenzene	12.25	105	1283821	52.887	ug/l	100
74) N-amyl acetate	12.07	43	546972	51.775	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	409240	50.070	ug/l	98
76) 1,2,3-Trichloropropane	12.56	75	499129	70.530	ug/l #	100
77) Bromobenzene	12.53	156	294415	48.645	ug/l	100
78) n-propylbenzene	12.59	91	1507778	54.091	ug/l	100
79) 2-Chlorotoluene	12.68	91	886987	50.346	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	1103863	53.819	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	103955	51.692	ug/l	94
82) 4-Chlorotoluene	12.78	91	941407	52.034	ug/l	99
83) tert-Butylbenzene	13.00	119	955768	52.422	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	1119401	53.698	ug/l	100
85) sec-Butylbenzene	13.18	105	1309251	54.179	ug/l	99
86) p-Isopropyltoluene	13.29	119	1173670	55.122	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	569032	51.223	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	578908	51.339	ug/l	99
89) n-Butylbenzene	13.62	91	1097328	54.573	ug/l	99
90) Hexachloroethane	13.88	117	170352	53.797	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	575296	51.837	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.28	75	75020	55.579	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration

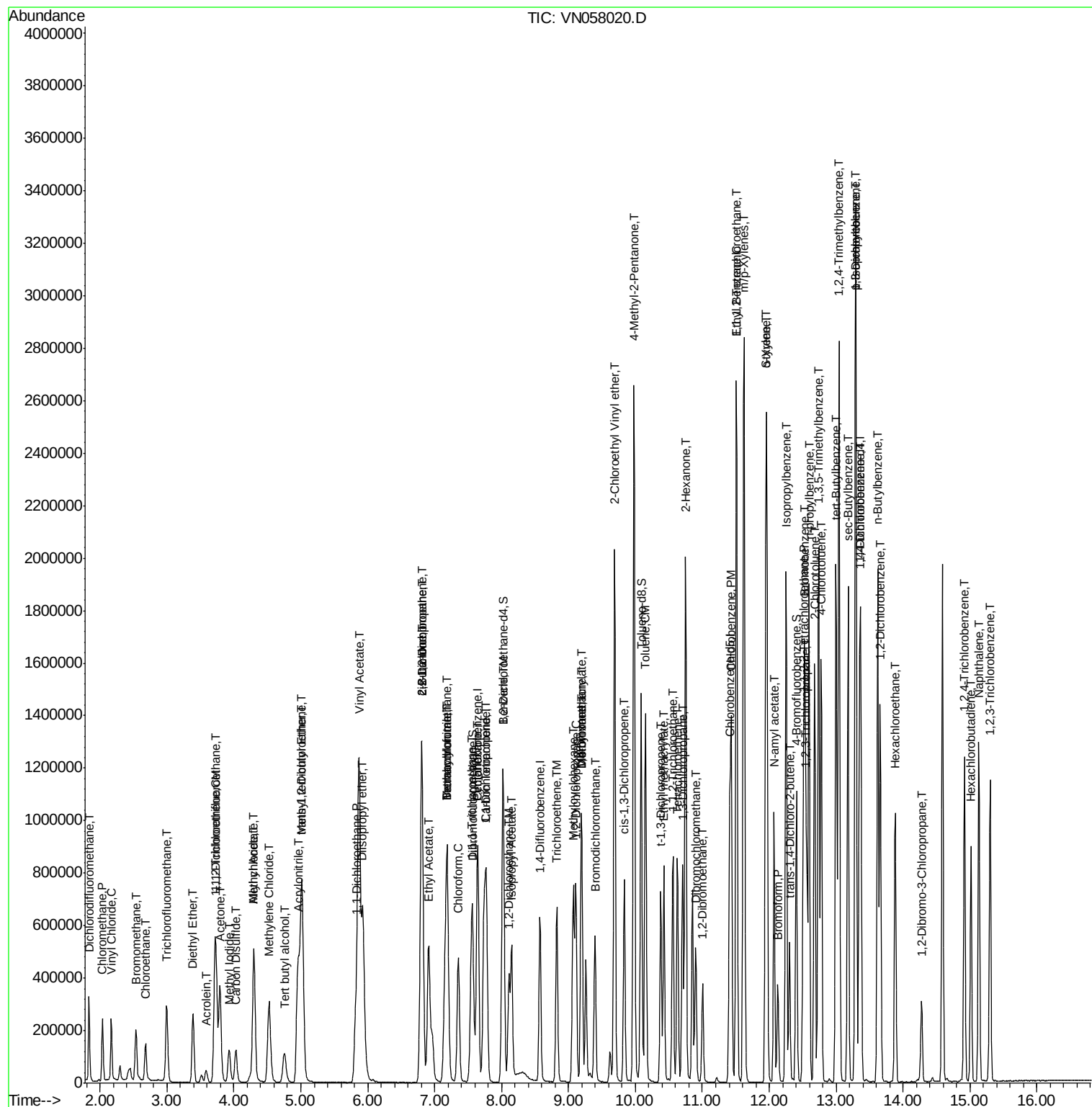
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	364744	50.281	ug/l	99
94) Hexachlorobutadiene	15.02	225	155392	50.534	ug/l	98
95) Naphthalene	15.13	128	1009122	55.269	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	342434	53.991	ug/l	99

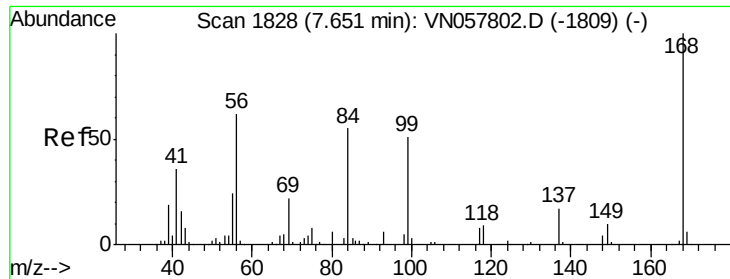
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

Instrument :

MSVOA_N

ClientSampleId :

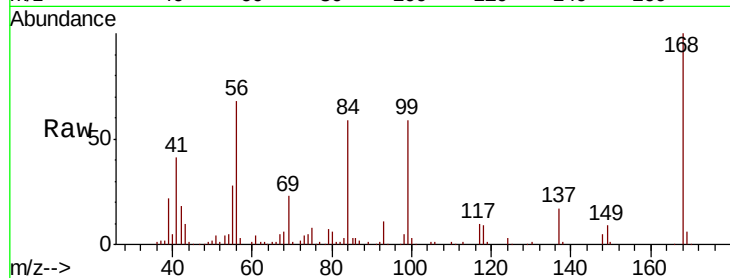
VSTDCCC050

Tgt Ion:168 Resp: 338180

Ion Ratio Lower Upper

168 100

99 59.3 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

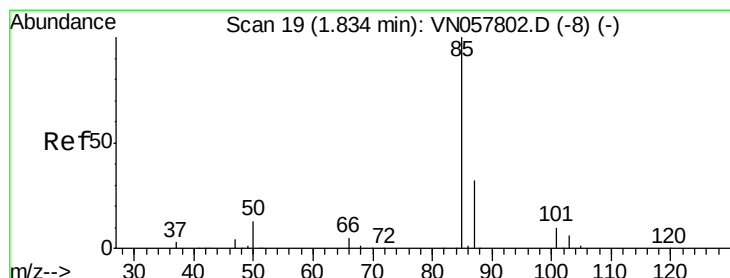
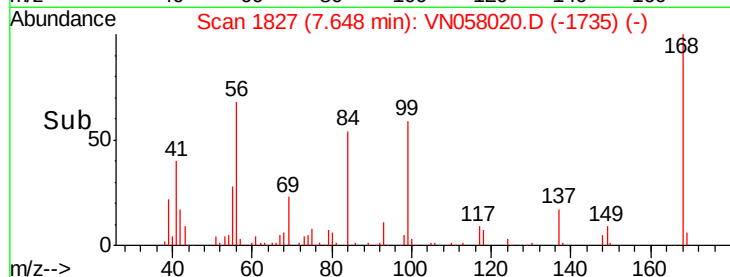
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 51.150 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN058020.D

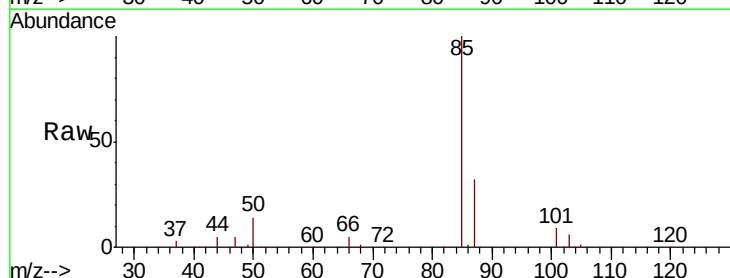
Acq: 13 Sep 2019 16:24

Tgt Ion: 85 Resp: 239222

Ion Ratio Lower Upper

85 100

87 31.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

200000

150000

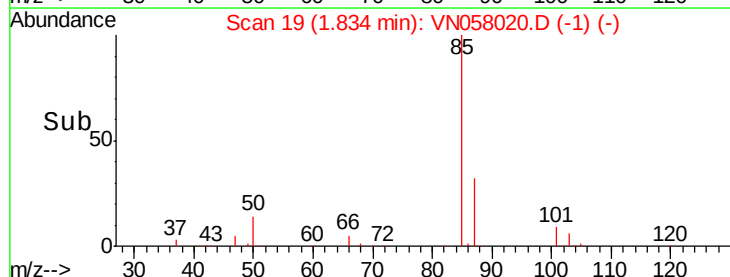
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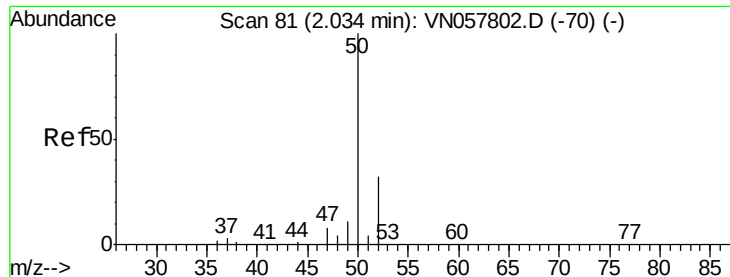
50000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 41.823 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

Instrument :

MSVOA_N

ClientSampleId :

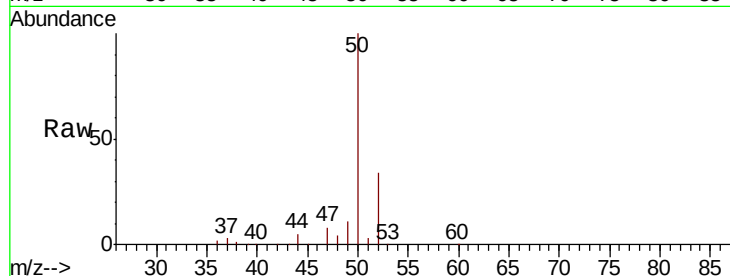
VSTDCCC050

Tgt Ion: 50 Resp: 199359

Ion Ratio Lower Upper

50 100

52 33.7 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VN057802.D (-70) (-)

Ion 51.90 (51.60 to 52.60): VN058020.D (-1) (-)

2.04

150000

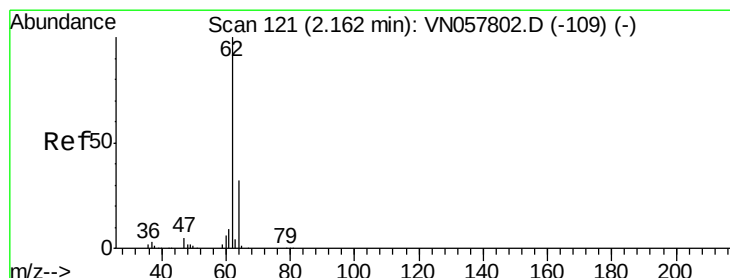
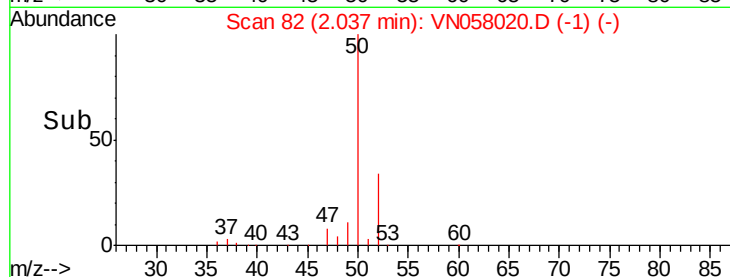
100000

50000

0

2.00 2.05 2.10

Time-->



#4

Vinyl Chloride

Concen: 40.721 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.01 min

Lab File: VN058020.D

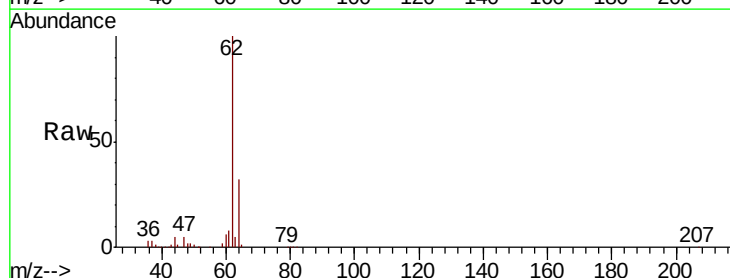
Acq: 13 Sep 2019 16:24

Tgt Ion: 62 Resp: 205433

Ion Ratio Lower Upper

62 100

64 31.8 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN057802.D (-109) (-)

Ion 63.90 (63.60 to 64.60): VN058020.D (-28) (-)

2.17

150000

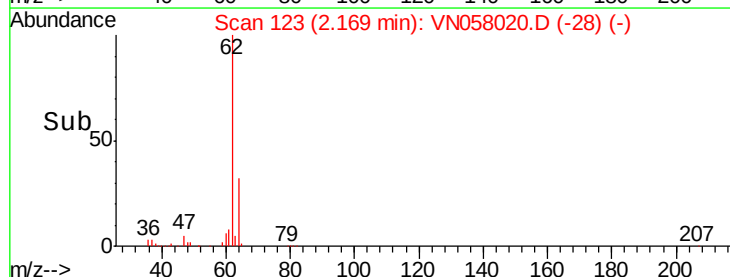
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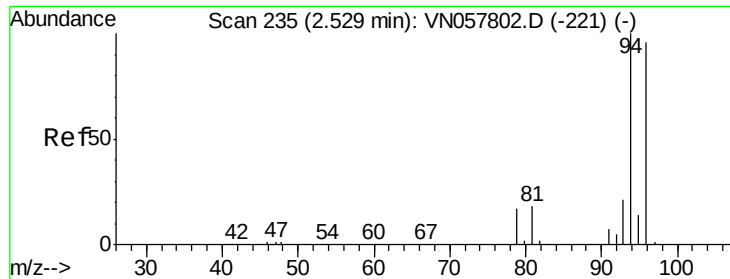
50000

0

2.10 2.15 2.20 2.25

Time-->

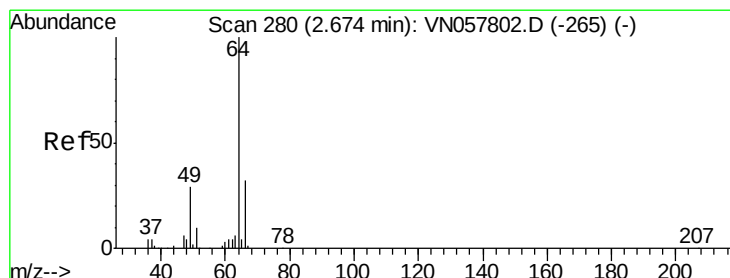
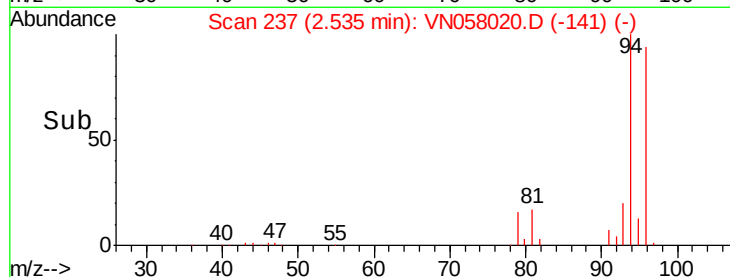
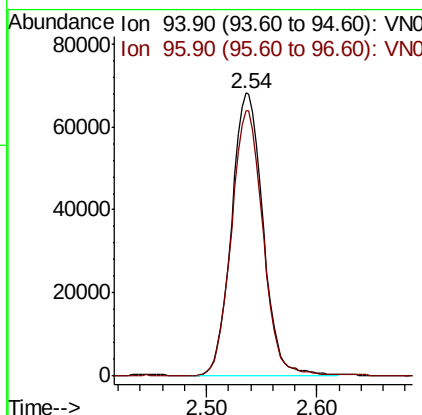
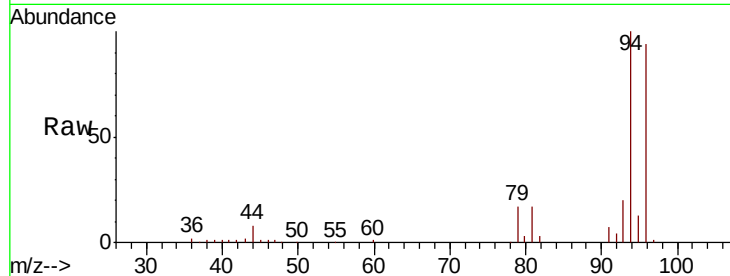




#5
Bromomethane
Concen: 48.662 ug/l
RT: 2.54 min Scan# 237
Delta R.T. 0.01 min
Lab File: VN058020.D
Acq: 13 Sep 2019 16:24

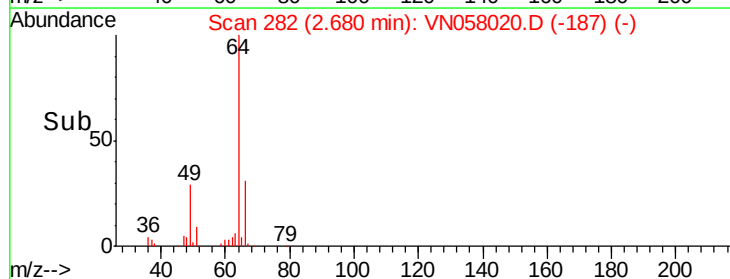
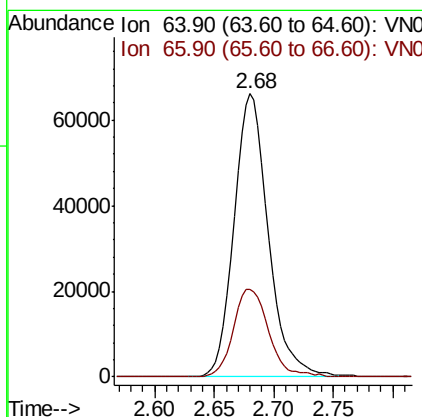
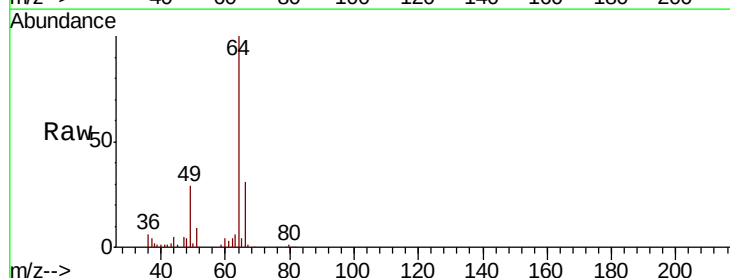
Instrument :
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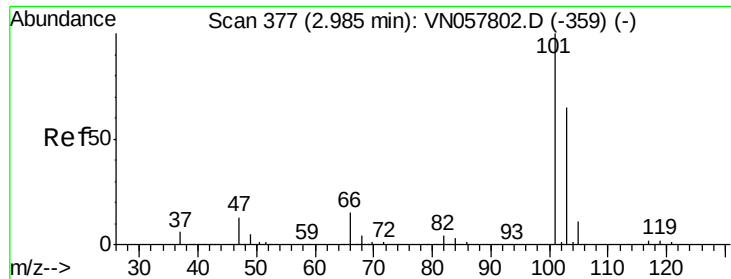
Tgt Ion: 94 Resp: 135020
Ion Ratio Lower Upper
94 100
96 93.9 77.0 115.4



#6
Chloroethane
Concen: 40.974 ug/l
RT: 2.68 min Scan# 282
Delta R.T. 0.01 min
Lab File: VN058020.D
Acq: 13 Sep 2019 16:24

Tgt Ion: 64 Resp: 131722
Ion Ratio Lower Upper
64 100
66 30.9 25.5 38.3



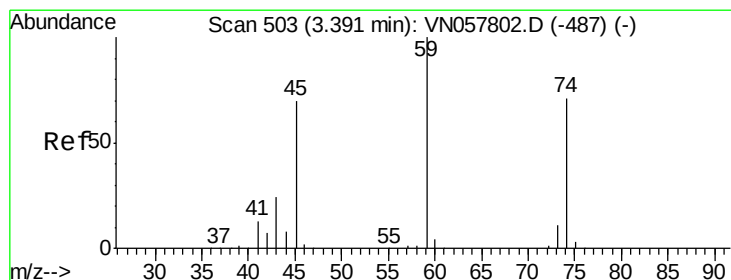
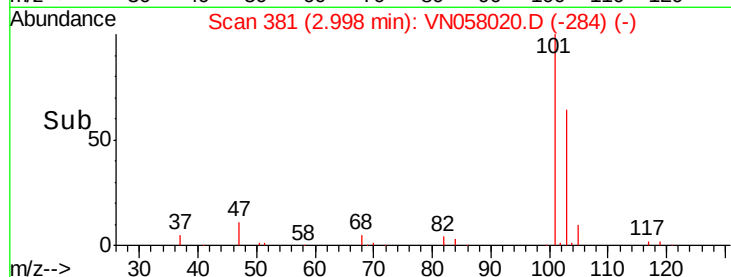
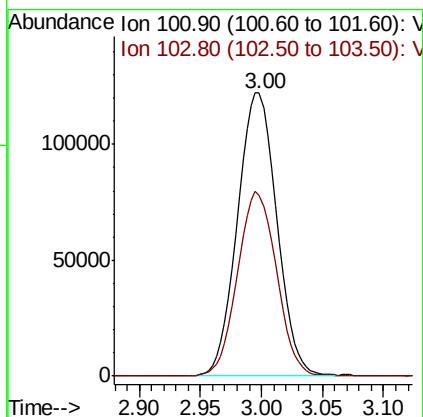
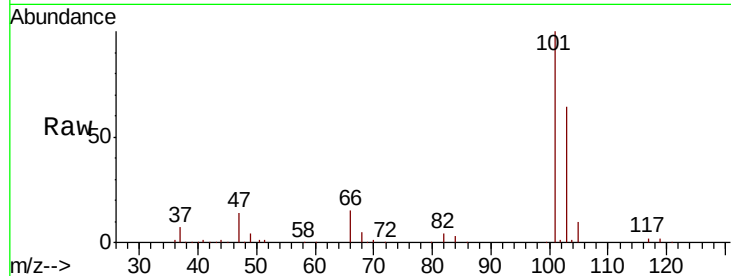


#7

Trichlorofluoromethane
 Concen: 43.009 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VN058020.D
 Acq: 13 Sep 2019 16:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

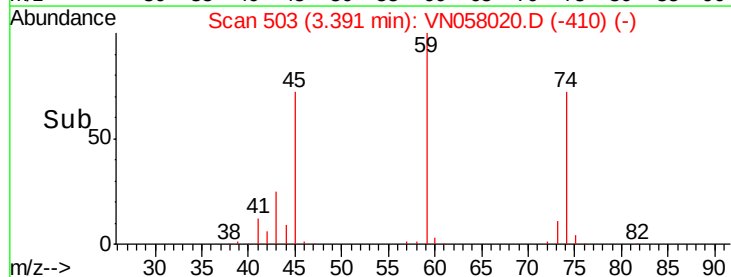
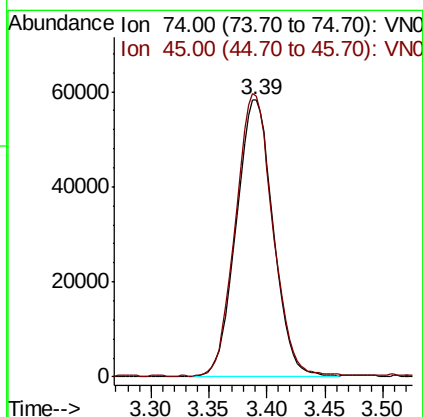
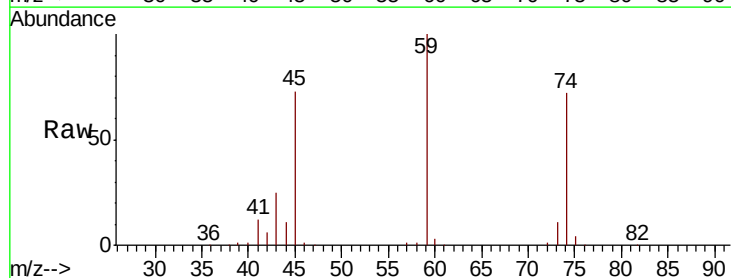
Tgt Ion: 101 Resp: 273054
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.9 77.9

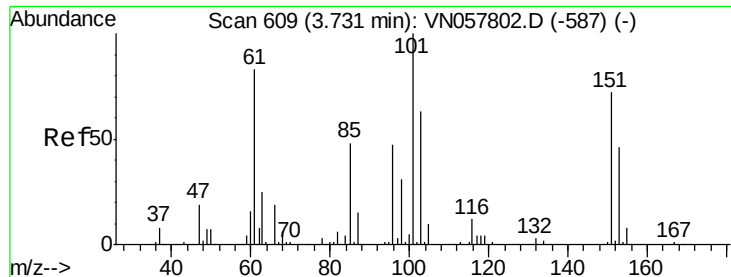


#8

Diethyl Ether
 Concen: 48.823 ug/l
 RT: 3.39 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: VN058020.D
 Acq: 13 Sep 2019 16:24

Tgt Ion: 74 Resp: 129282
 Ion Ratio Lower Upper
 74 100
 45 102.0 50.3 151.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.220 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.01 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

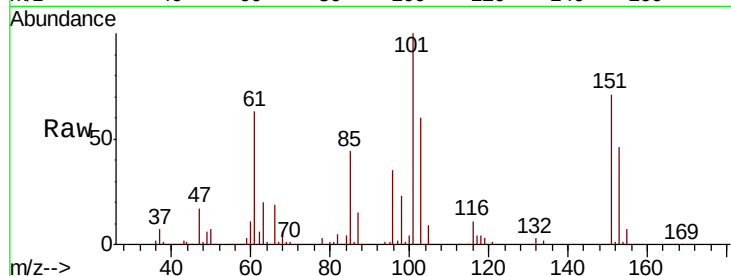
Tgt Ion:101 Resp: 205139

Ion Ratio Lower Upper

101 100

85 46.6 38.1 57.1

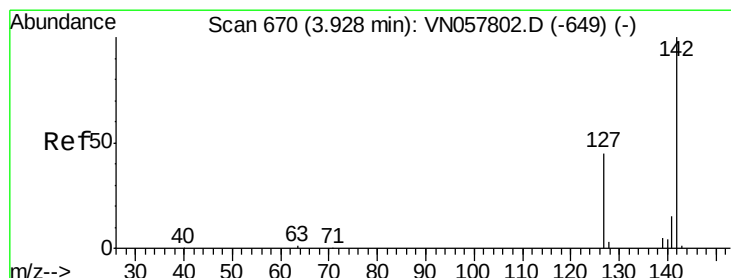
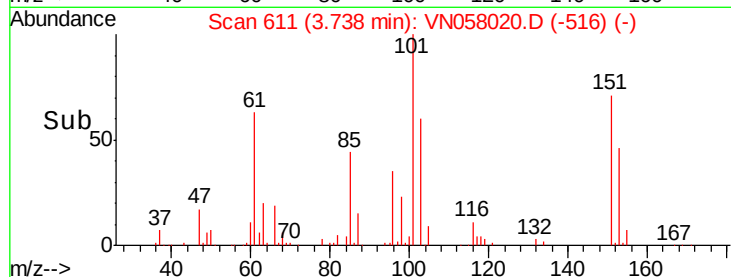
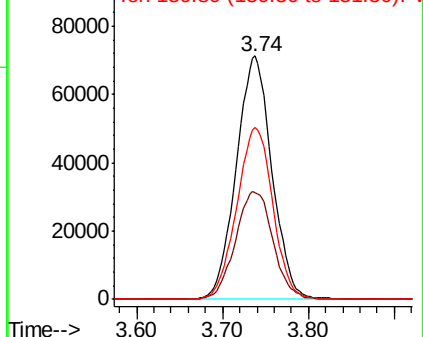
151 71.5 58.4 87.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.937 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

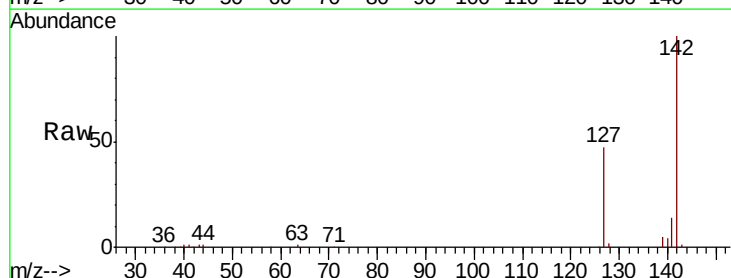
Tgt Ion:142 Resp: 200278

Ion Ratio Lower Upper

142 100

127 47.7 36.7 55.1

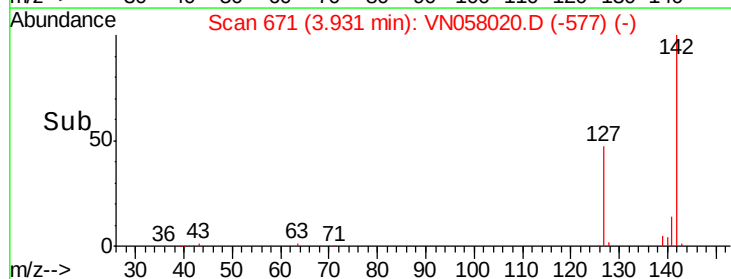
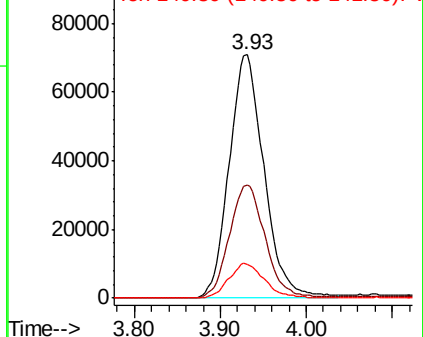
141 14.6 11.4 17.0

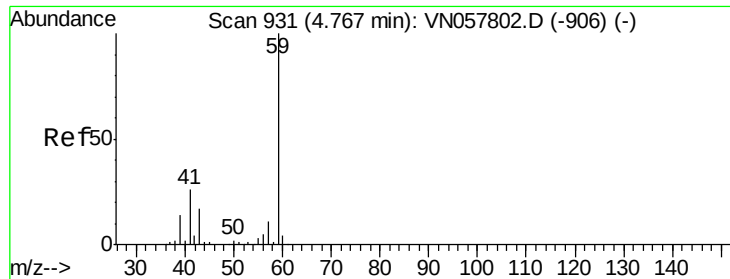


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



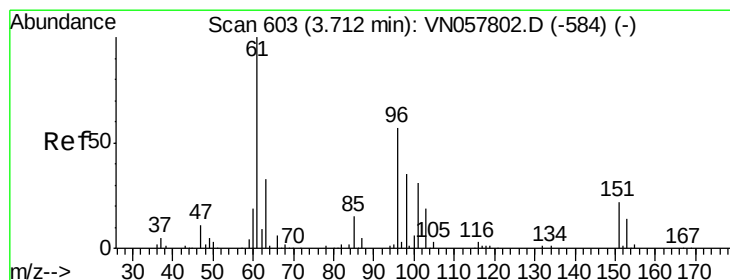
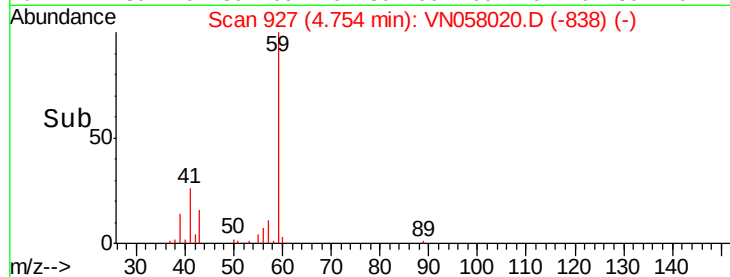
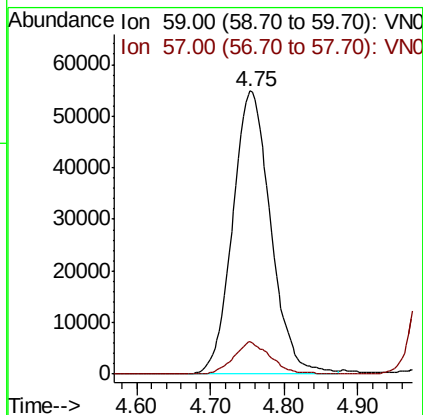
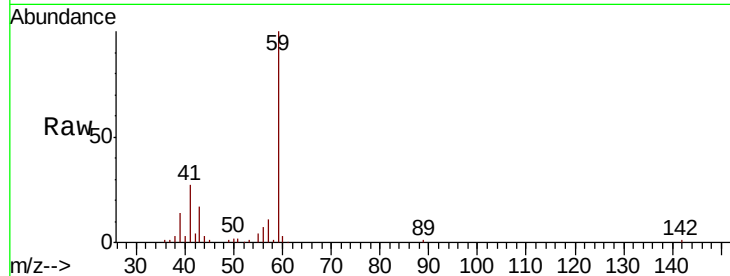


#11

Tert butyl alcohol
 Concen: 237.705 ug/l
 RT: 4.75 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: VN058020.D
 Acq: 13 Sep 2019 16:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

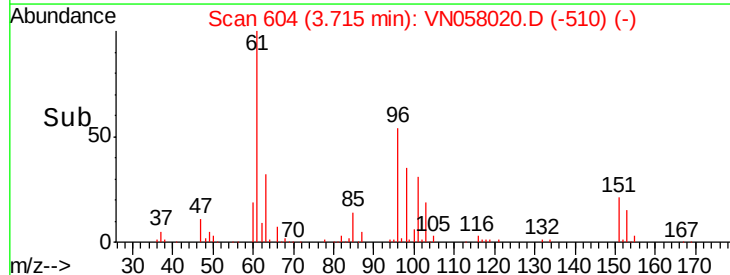
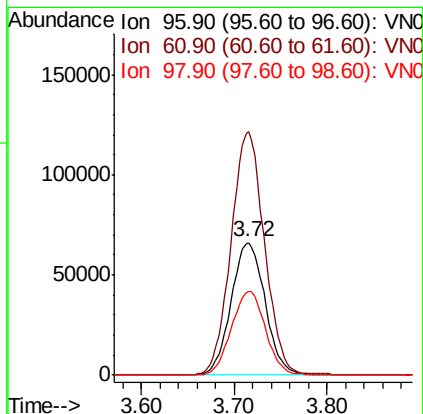
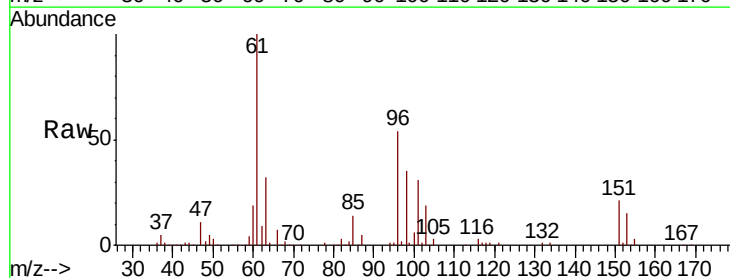
Tgt Ion: 59 Resp: 197061
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.4 12.6

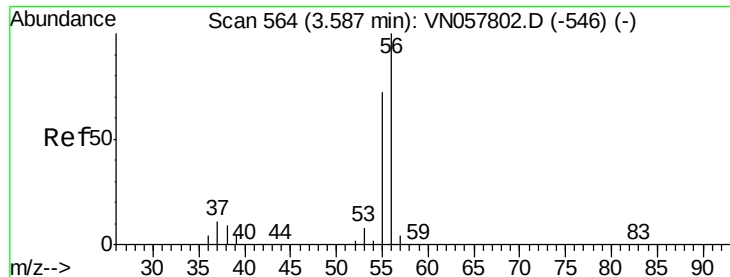


#12

1,1-Dichloroethene
 Concen: 46.787 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN058020.D
 Acq: 13 Sep 2019 16:24

Tgt Ion: 96 Resp: 168481
 Ion Ratio Lower Upper
 96 100
 61 183.9 141.2 211.8
 98 63.6 49.9 74.9





#13

Acrolein

Concen: 72.436 ug/l

RT: 3.58 min Scan# 563

Delta R.T. -0.00 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

Instrument :

MSVOA_N

ClientSampleId :

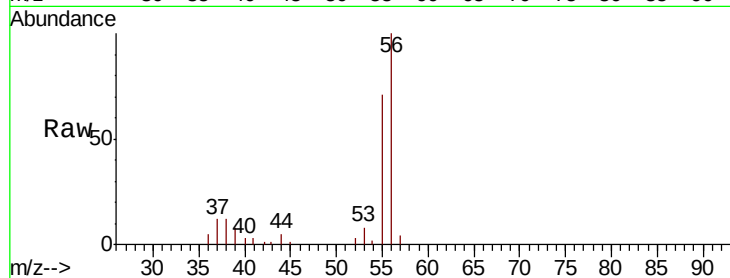
VSTDCCC050

Tgt Ion: 56 Resp: 50947

Ion Ratio Lower Upper

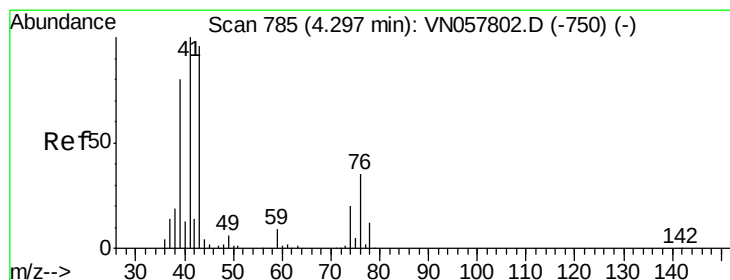
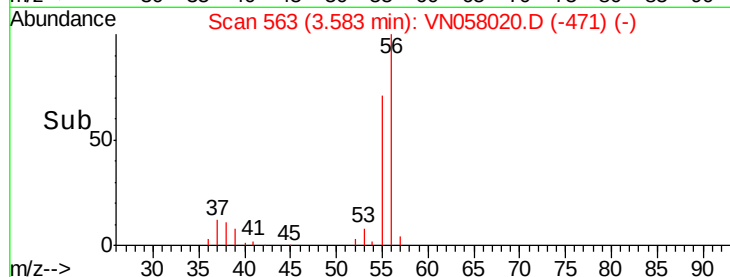
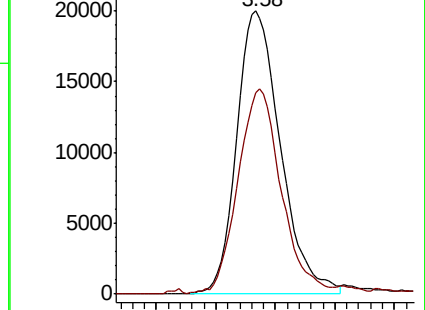
56 100

55 71.9 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VN057802.D (-546) (-)

Ion 55.00 (54.70 to 55.70): VN057802.D (-546) (-)



#14

Allyl chloride

Concen: 47.691 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

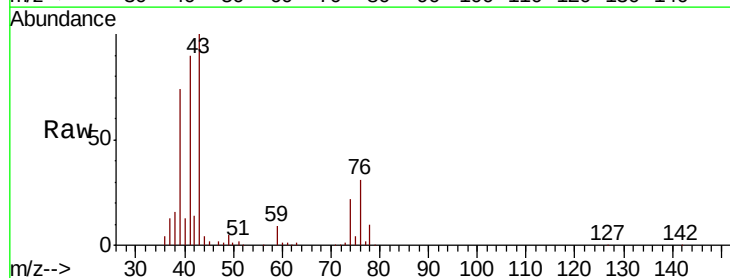
Tgt Ion: 41 Resp: 336085

Ion Ratio Lower Upper

41 100

39 75.5 59.4 89.2

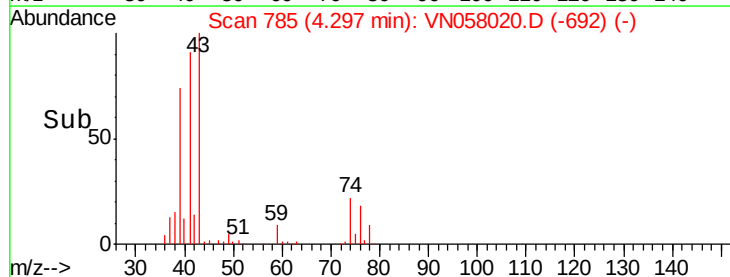
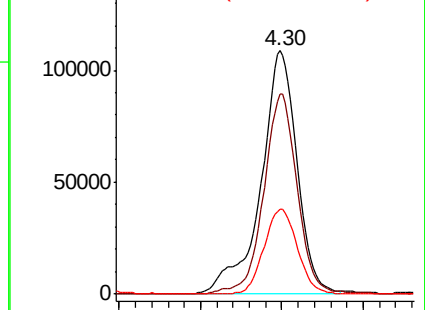
76 32.4 26.0 39.0

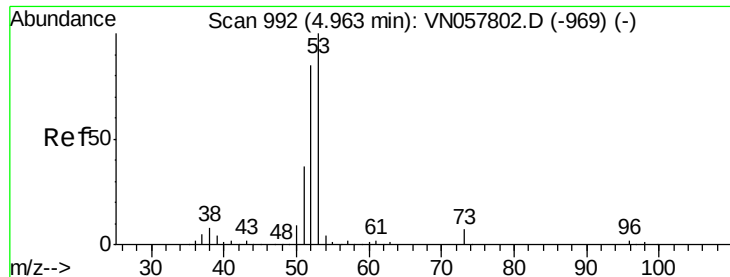


Abundance Ion 41.00 (40.70 to 41.70): VN057802.D (-750) (-)

Ion 39.00 (38.70 to 39.70): VN057802.D (-750) (-)

Ion 75.90 (75.60 to 76.60): VN057802.D (-750) (-)





#15

Acrylonitrile

Concen: 259.014 ug/l

RT: 4.96 min Scan# 990

Delta R.T. -0.01 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

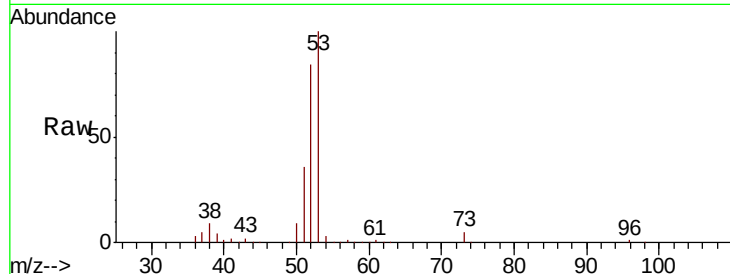
Tgt Ion: 53 Resp: 590198

Ion Ratio Lower Upper

53 100

52 82.7 66.6 100.0

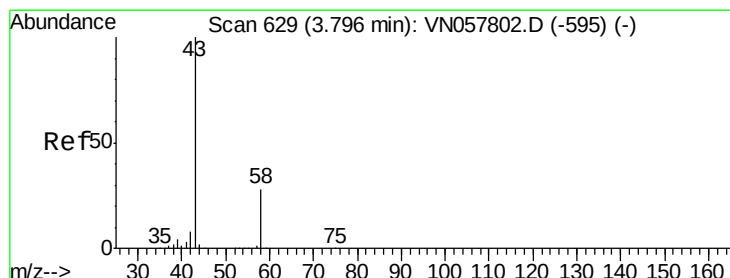
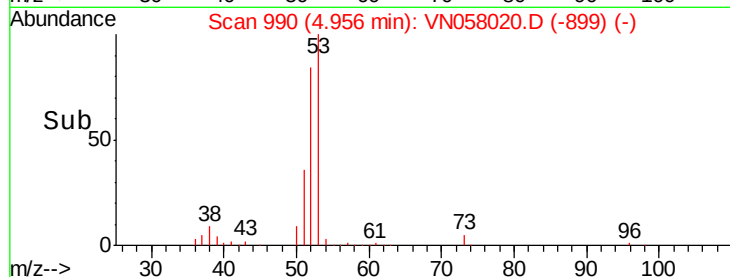
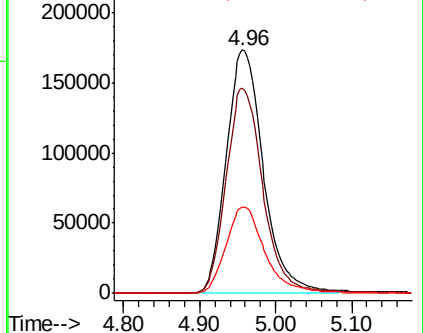
51 37.3 29.8 44.8



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: 269.000 ug/l

RT: 3.79 min Scan# 627

Delta R.T. -0.01 min

Lab File: VN058020.D

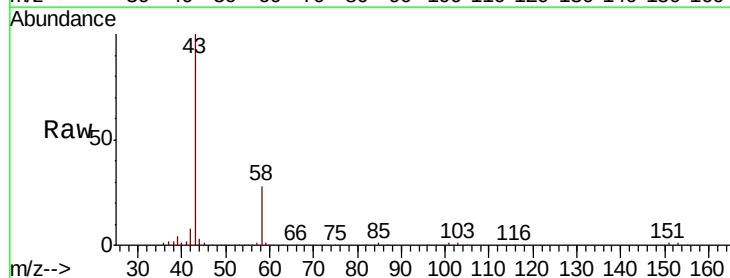
Acq: 13 Sep 2019 16:24

Tgt Ion: 43 Resp: 604016

Ion Ratio Lower Upper

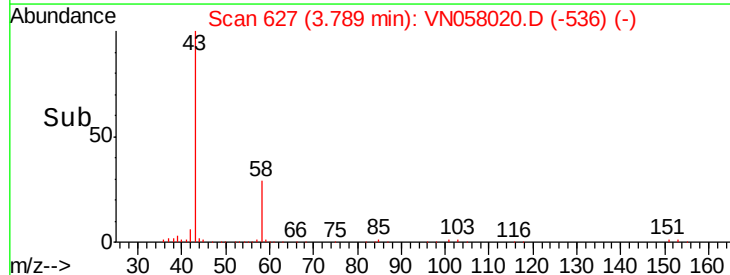
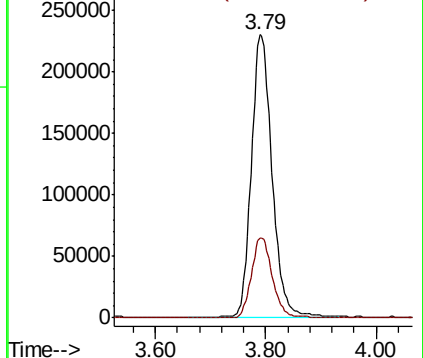
43 100

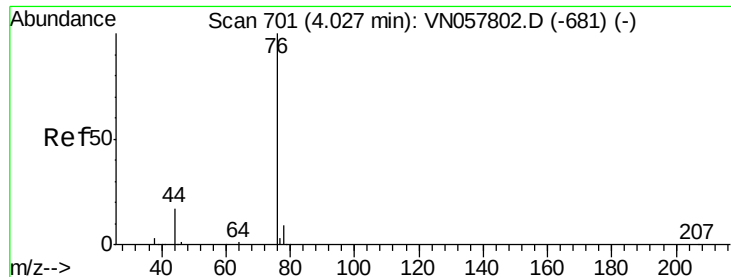
58 28.3 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 42.434 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

Instrument :

MSVOA_N

ClientSampleId :

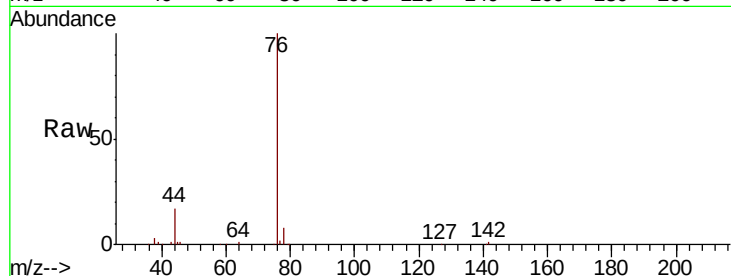
VSTDCCC050

Tgt Ion: 76 Resp: 237692

Ion Ratio Lower Upper

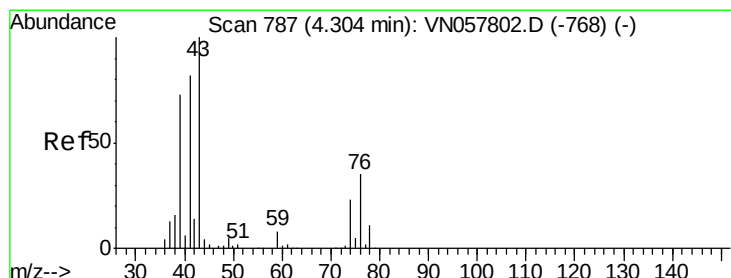
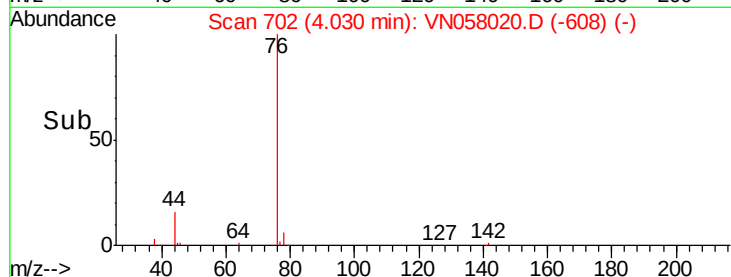
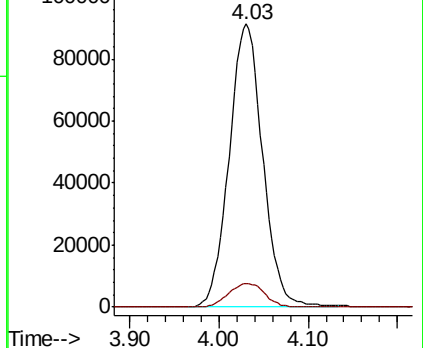
76 100

78 8.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 56.118 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.01 min

Lab File: VN058020.D

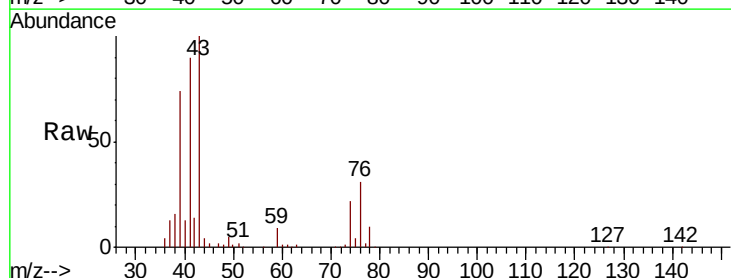
Acq: 13 Sep 2019 16:24

Tgt Ion: 43 Resp: 335973

Ion Ratio Lower Upper

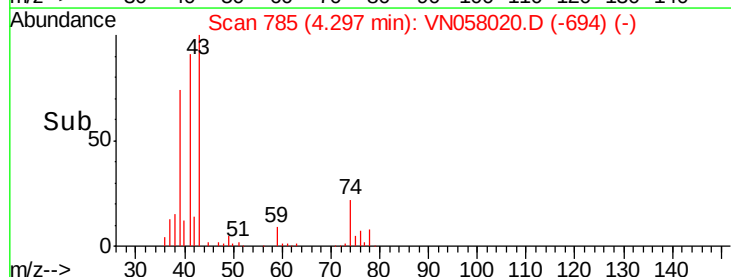
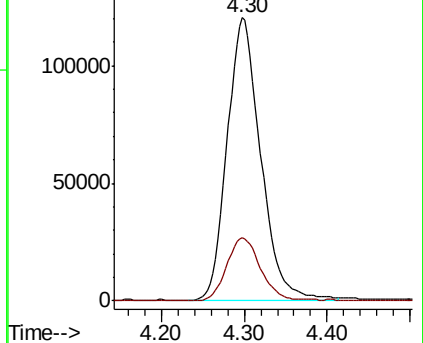
43 100

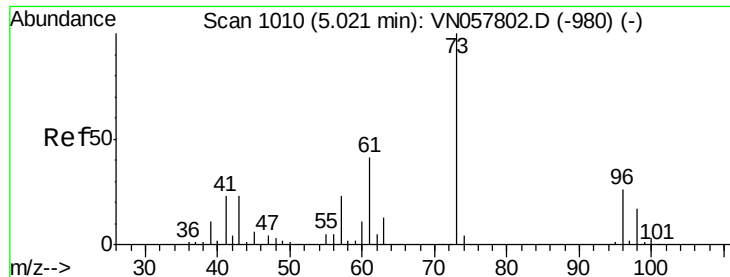
74 22.6 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

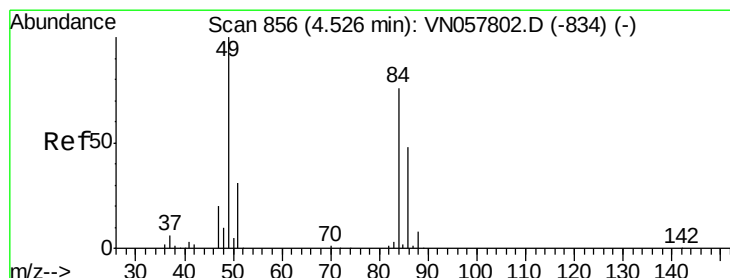
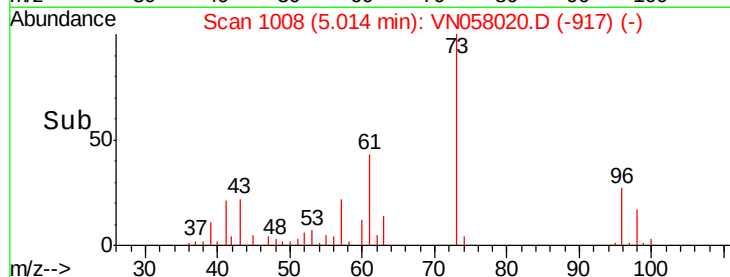
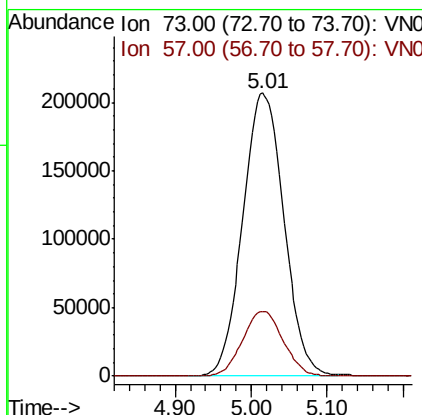
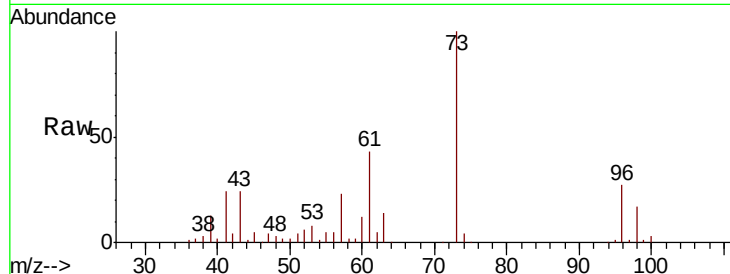




#19
Methyl tert-butyl Ether
Concen: 51.932 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.01 min
Lab File: VN058020.D
Acq: 13 Sep 2019 16:24

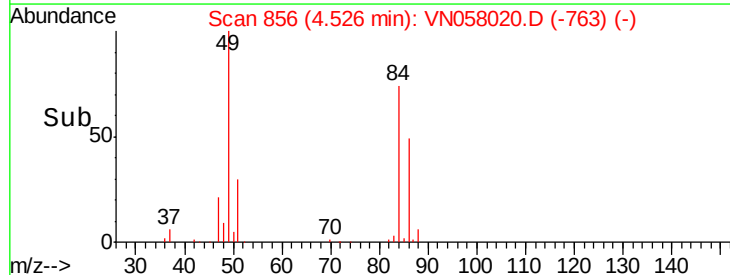
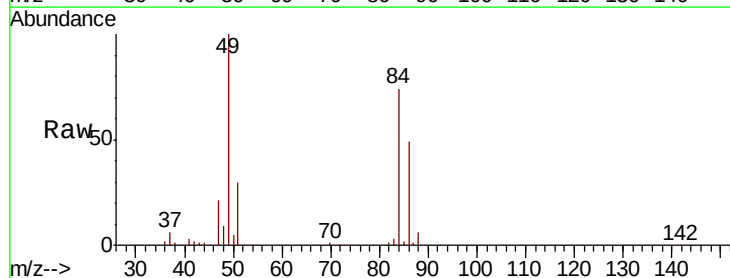
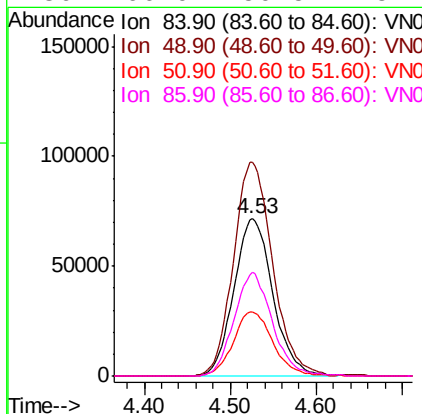
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

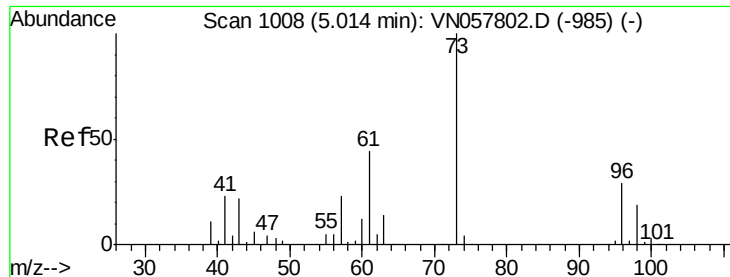
Tgt Ion: 73 Resp: 778252
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.2



#20
Methylene Chloride
Concen: 52.933 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN058020.D
Acq: 13 Sep 2019 16:24

Tgt Ion: 84 Resp: 225959
Ion Ratio Lower Upper
84 100
49 135.6 104.8 157.2
51 40.4 33.0 49.4
86 66.0 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 46.542 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

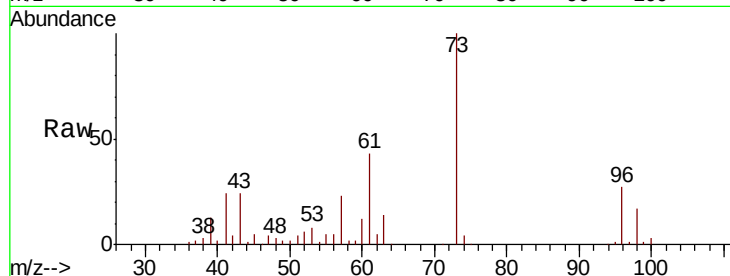
Tgt Ion: 96 Resp: 181176

Ion Ratio Lower Upper

96 100

61 156.3 121.9 182.9

98 63.2 52.2 78.4

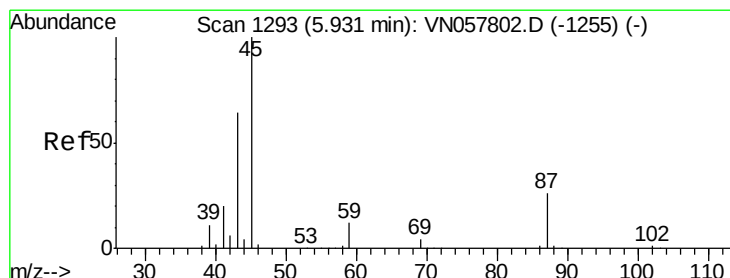
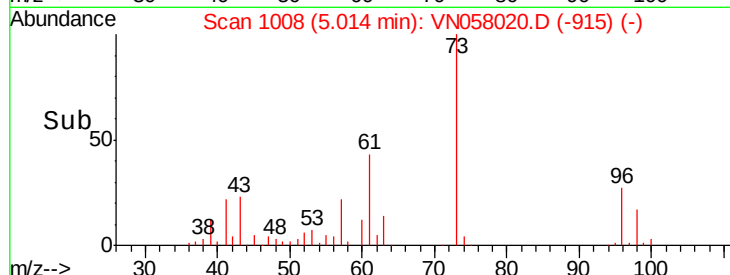
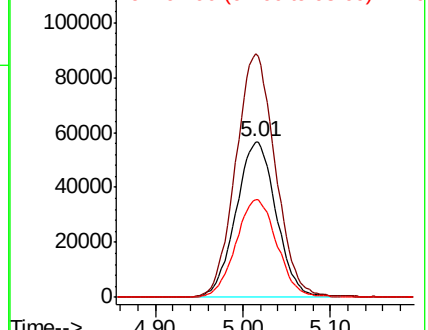


Abundance

Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



#22

Diisopropyl ether

Concen: 51.812 ug/l

RT: 5.92 min Scan# 1291

Delta R.T. -0.01 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

Tgt Ion: 45 Resp: 856270

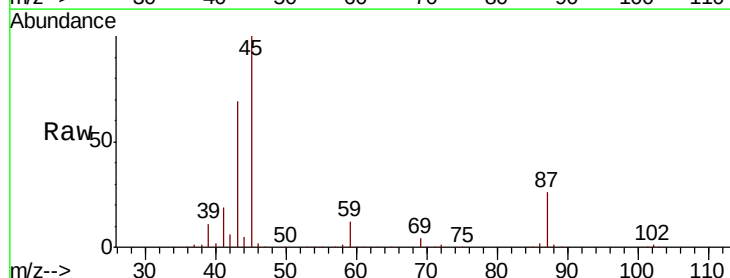
Ion Ratio Lower Upper

45 100

43 68.2 51.4 77.2

87 25.4 21.3 31.9

59 11.6 9.3 13.9



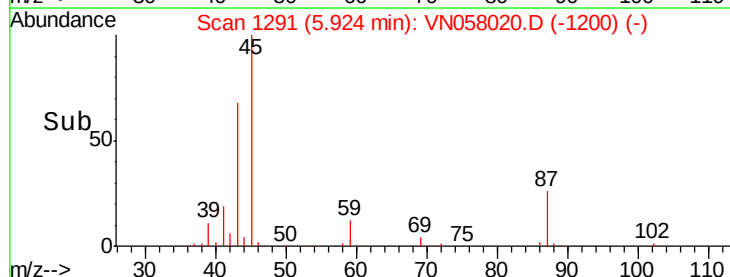
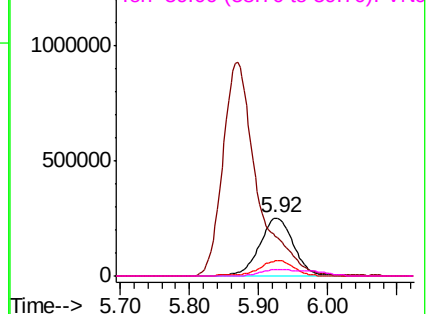
Abundance

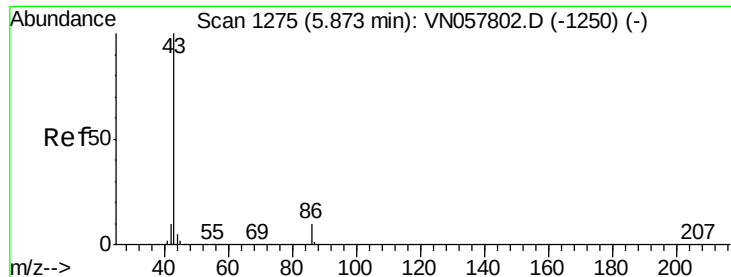
Ion 45.00 (44.70 to 45.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

Ion 59.00 (58.70 to 59.70): VNO





#23

Vinyl Acetate

Concen: 273.525 ug/l

RT: 5.87 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

Instrument :

MSVOA_N

ClientSampleId :

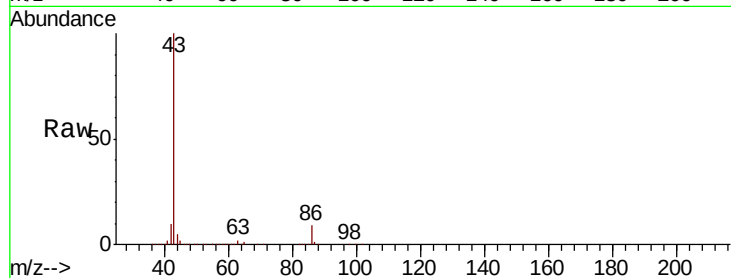
VSTDCCC050

Tgt Ion: 43 Resp: 3203593

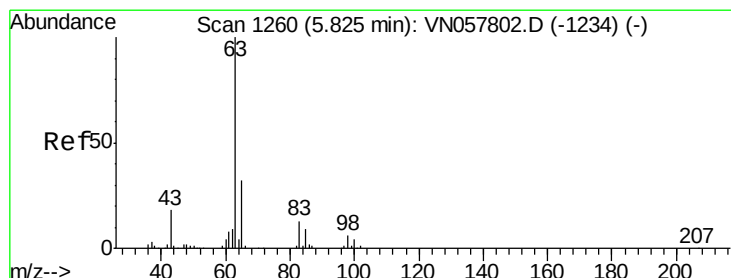
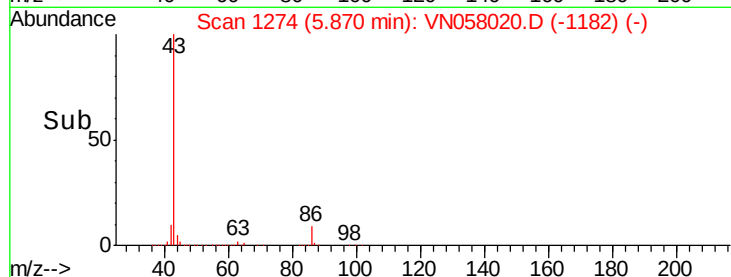
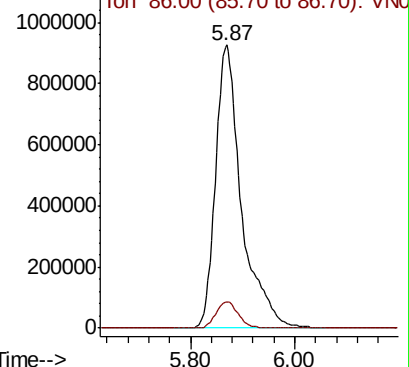
Ion Ratio Lower Upper

43 100

86 9.2 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-1250) (-)



#24

1,1-Dichloroethane

Concen: 50.765 ug/l

RT: 5.82 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

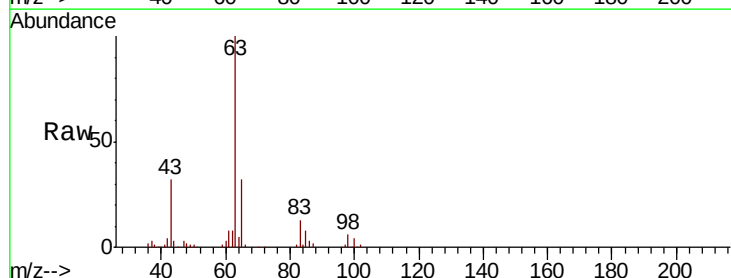
Tgt Ion: 63 Resp: 458515

Ion Ratio Lower Upper

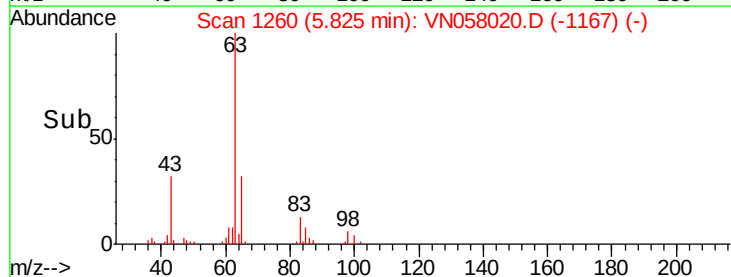
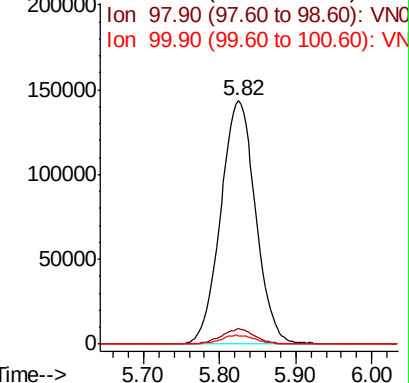
63 100

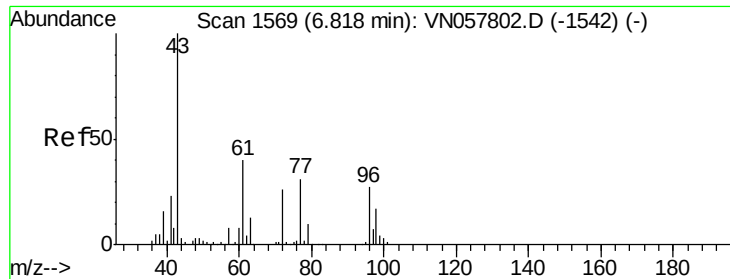
98 6.2 3.0 9.2

100 3.6 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN057802.D (-1234) (-)





#25

2-Butanone

Concen: 265.866 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

Instrument :

MSVOA_N

ClientSampleId :

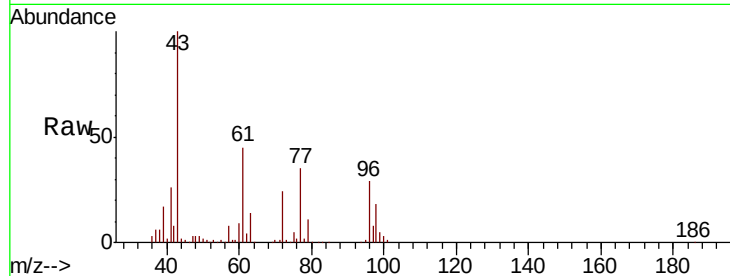
VSTDCCC050

Tgt Ion: 43 Resp: 864041

Ion Ratio Lower Upper

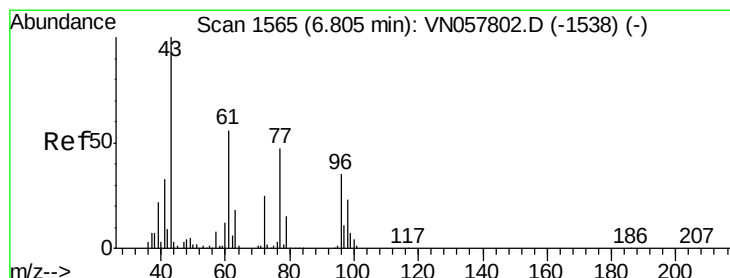
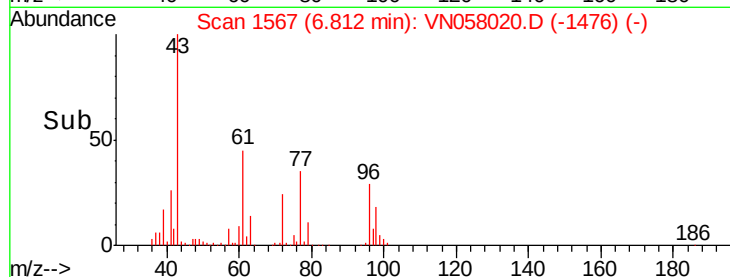
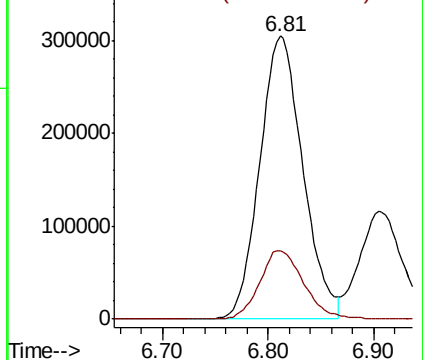
43 100

72 24.2 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 52.253 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN058020.D

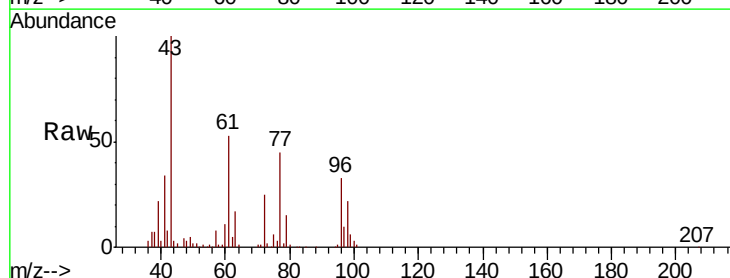
Acq: 13 Sep 2019 16:24

Tgt Ion: 77 Resp: 373496

Ion Ratio Lower Upper

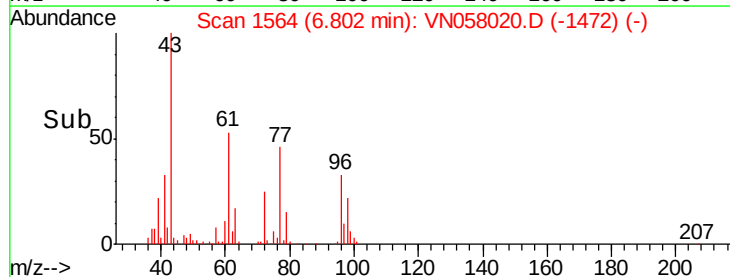
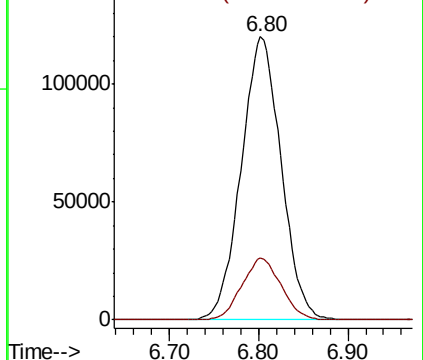
77 100

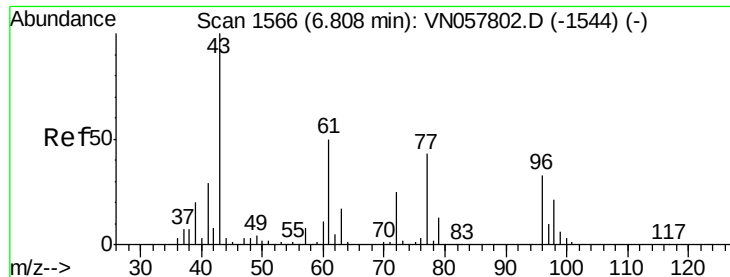
97 21.6 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 49.522 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

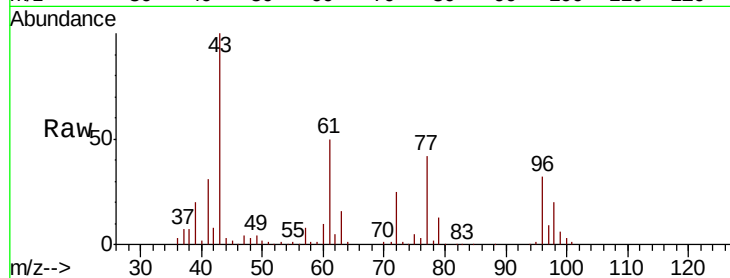
Tgt Ion: 96 Resp: 258343

Ion Ratio Lower Upper

96 100

61 161.2 0.0 314.0

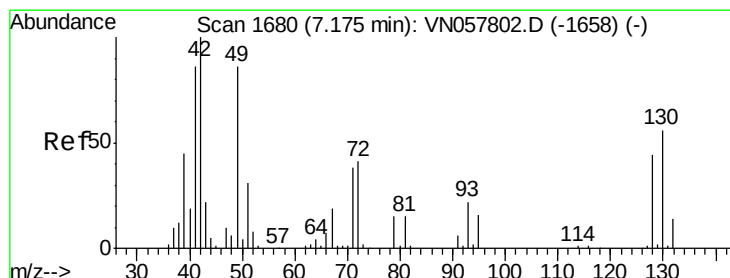
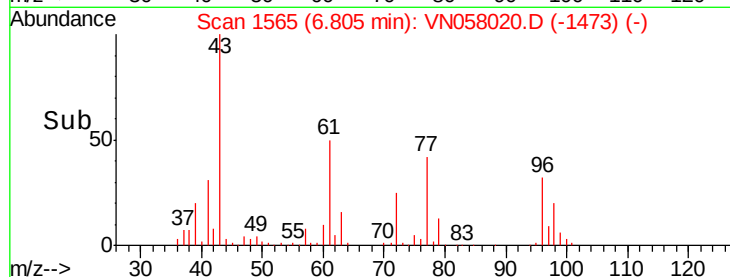
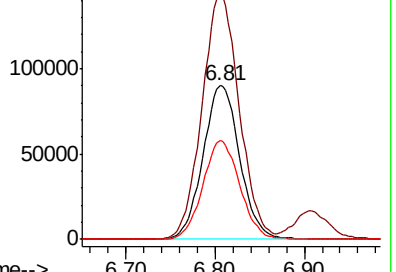
98 64.9 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VN058020.D (-1544) (-)

Ion 60.90 (60.60 to 61.60): VN058020.D (-1544) (-)

Ion 97.90 (97.60 to 98.60): VN058020.D (-1544) (-)



#28

Bromochloromethane

Concen: 51.594 ug/l

RT: 7.17 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

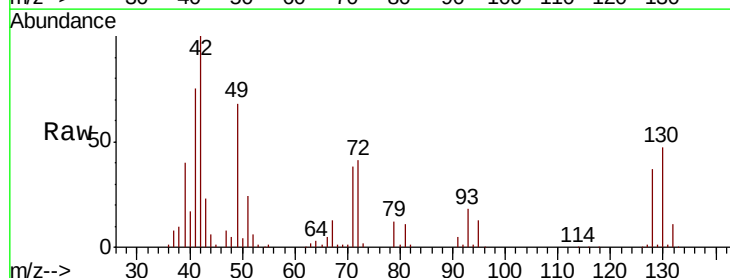
Tgt Ion: 49 Resp: 232809

Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

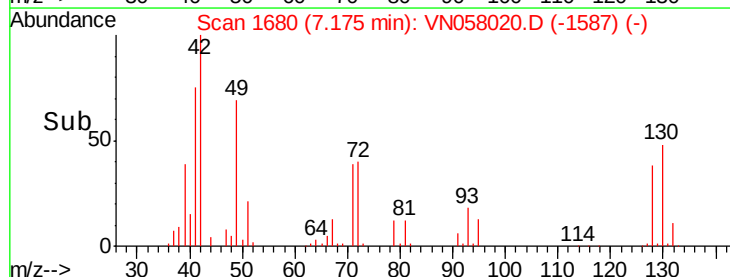
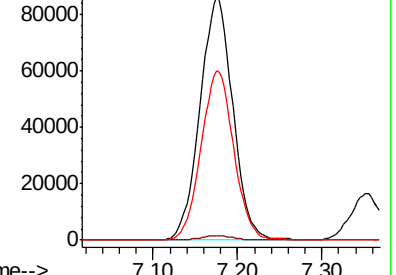
130 69.3 53.0 79.6

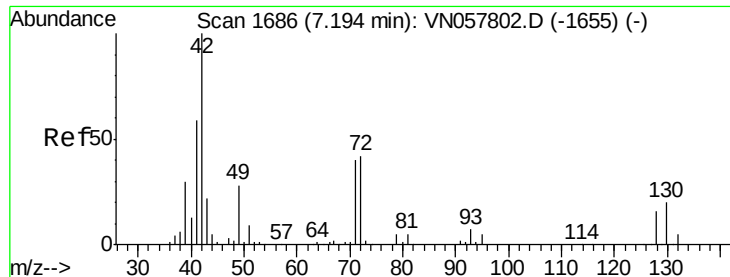


Abundance Ion 48.90 (48.60 to 49.60): VN058020.D (-1658) (-)

Ion 128.80 (128.50 to 129.50): VN058020.D (-1658) (-)

Ion 129.80 (129.50 to 130.50): VN058020.D (-1658) (-)





#29

Tetrahydrofuran

Concen: 259.477 ug/l

RT: 7.19 min Scan# 1684

Delta R.T. -0.01 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

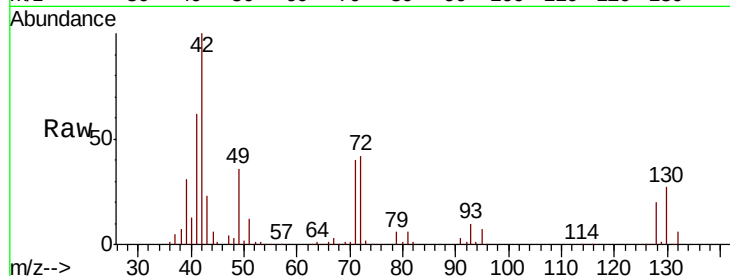
Tgt Ion: 42 Resp: 519630

Ion Ratio Lower Upper

42 100

72 41.3 33.7 50.5

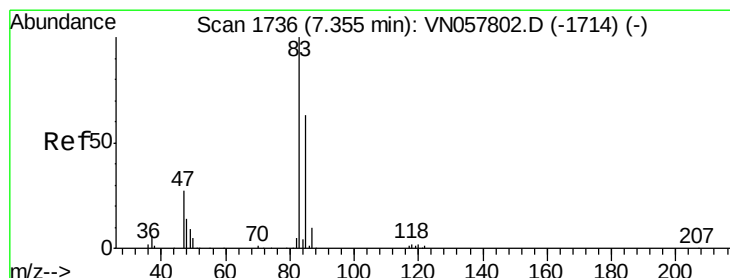
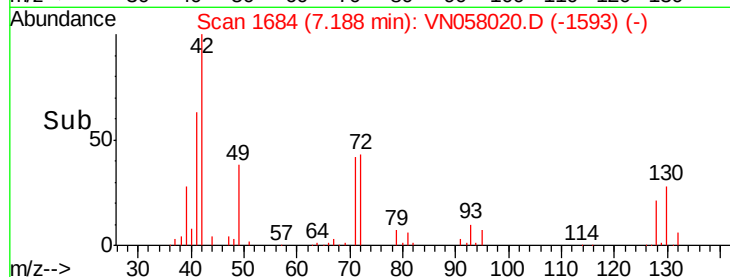
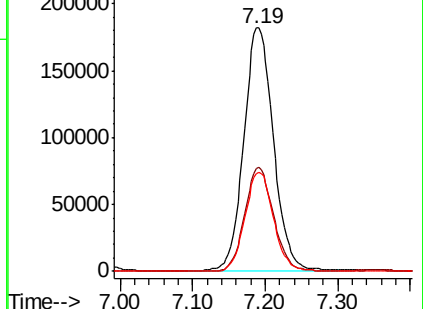
71 39.3 31.9 47.9



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 50.846 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VN058020.D

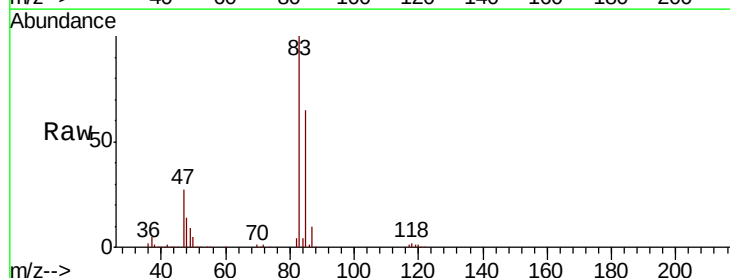
Acq: 13 Sep 2019 16:24

Tgt Ion: 83 Resp: 480185

Ion Ratio Lower Upper

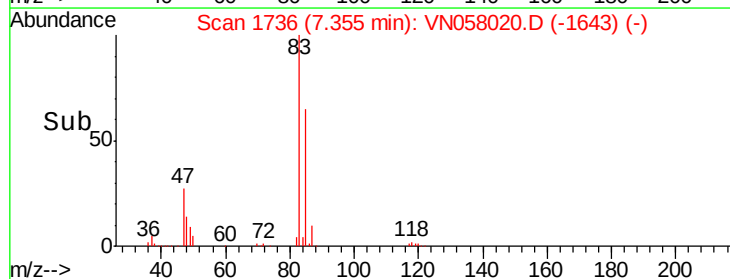
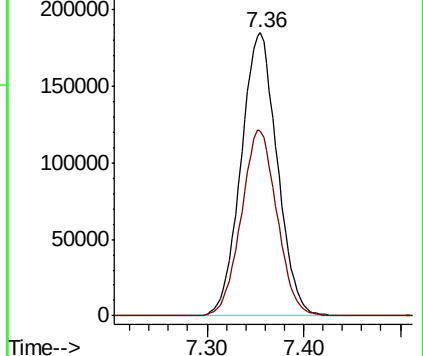
83 100

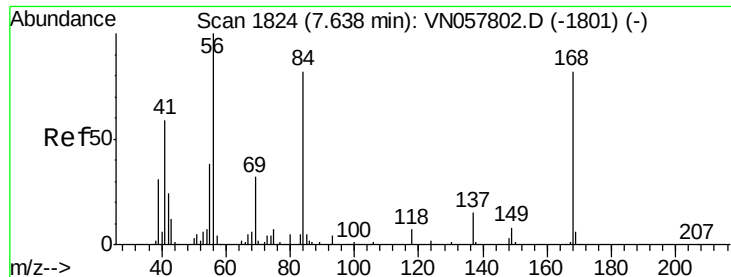
85 65.4 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

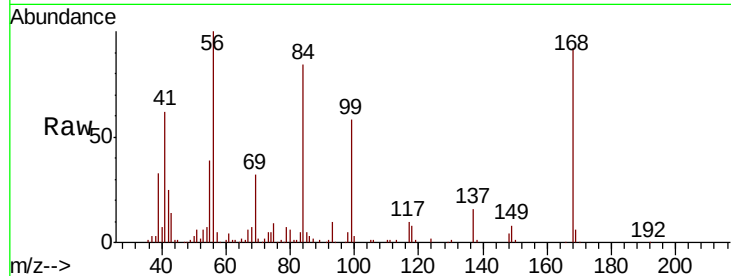




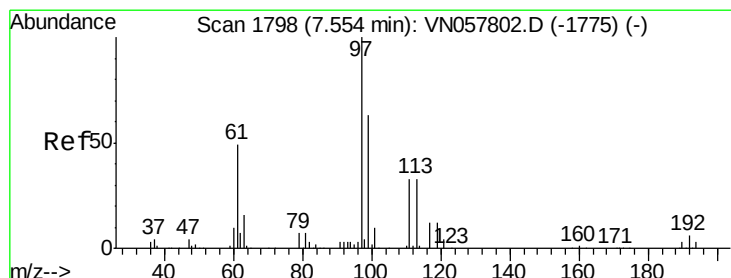
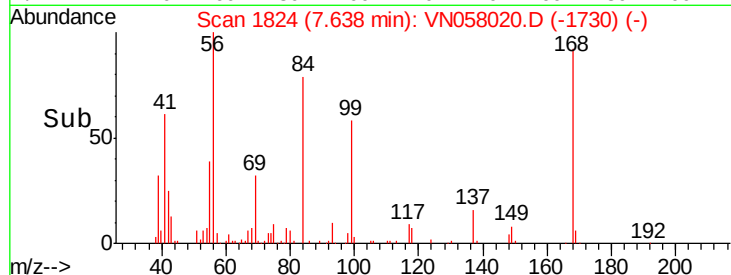
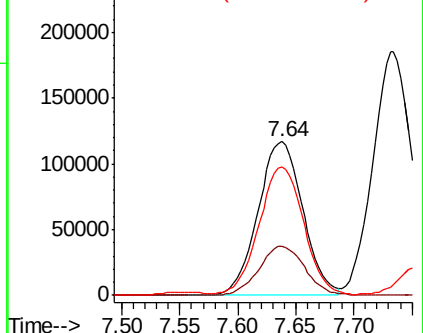
#31
Cyclohexane
Concen: 51.168 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VN058020.D
Acq: 13 Sep 2019 16:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 314616
Ion Ratio Lower Upper
56 100
69 32.1 25.9 38.9
84 81.3 65.6 98.4

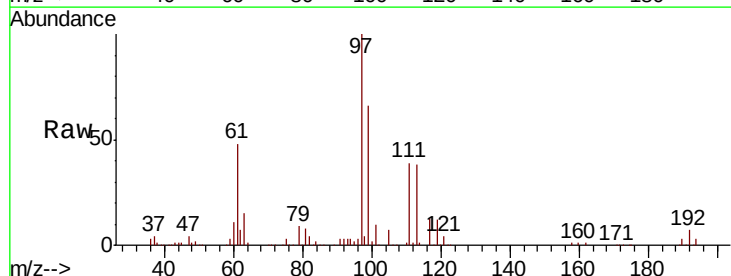


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

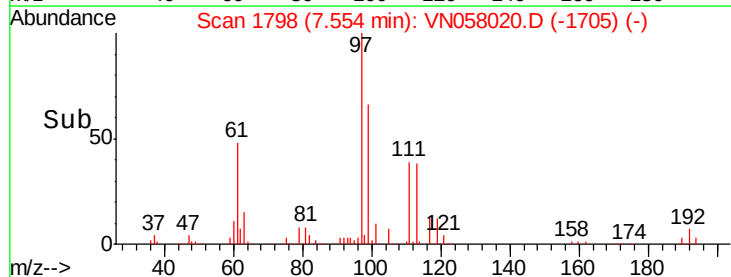
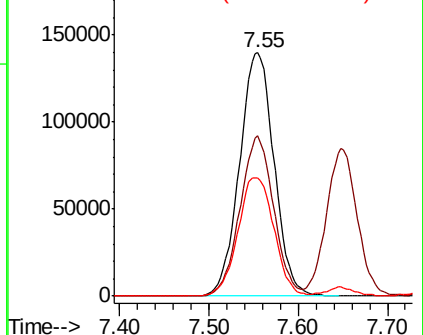


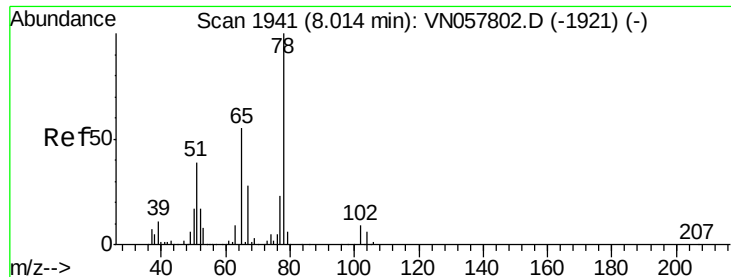
#32
1,1,1-Trichloroethane
Concen: 50.106 ug/l
RT: 7.55 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VN058020.D
Acq: 13 Sep 2019 16:24

Tgt Ion: 97 Resp: 375291
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.4
61 50.9 39.0 58.6



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

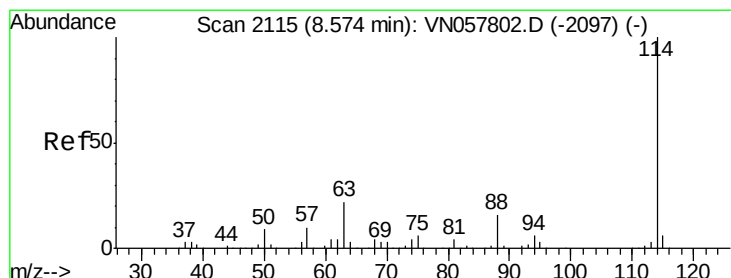
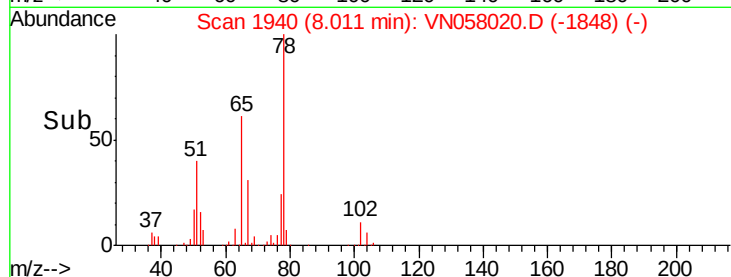
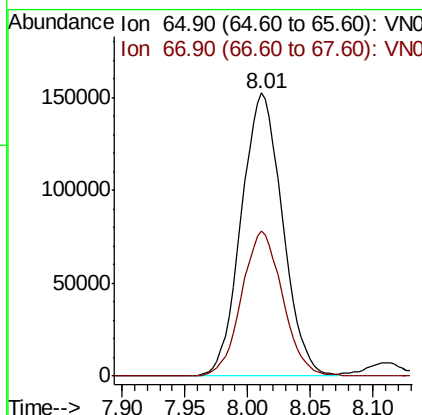
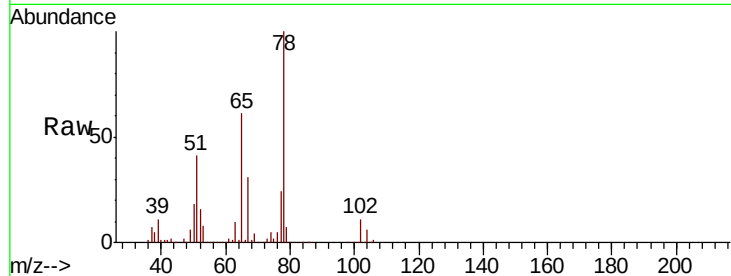




#33
 1,2-Dichloroethane-d4
 Concen: 51.051 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058020.D
 Acq: 13 Sep 2019 16:24

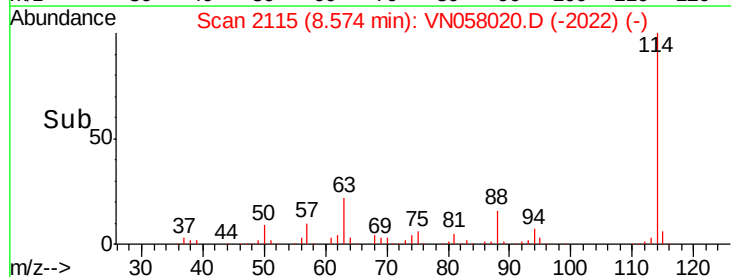
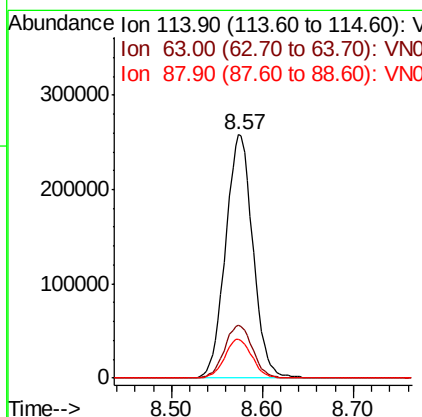
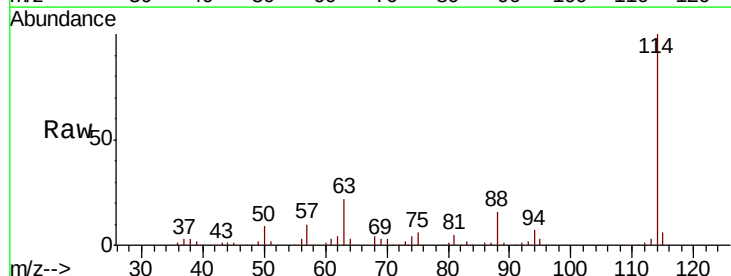
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

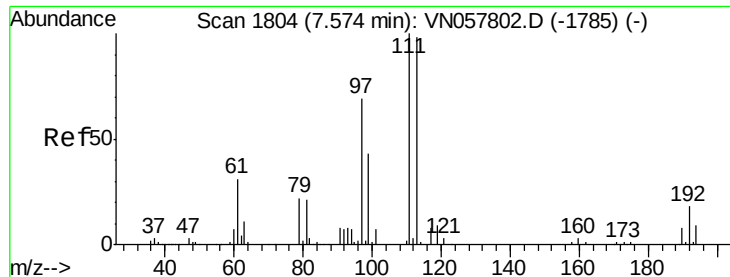
Tgt Ion: 65 Resp: 349680
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058020.D
 Acq: 13 Sep 2019 16:24

Tgt Ion: 114 Resp: 538780
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 44.0
 88 15.8 0.0 31.4

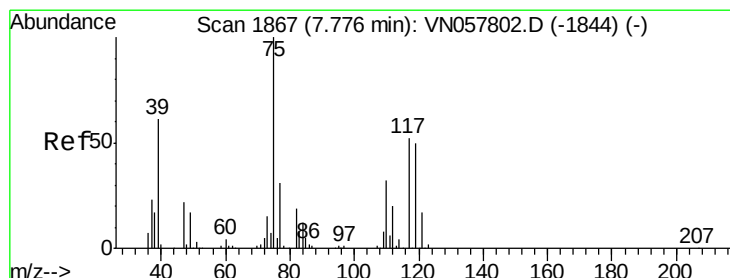
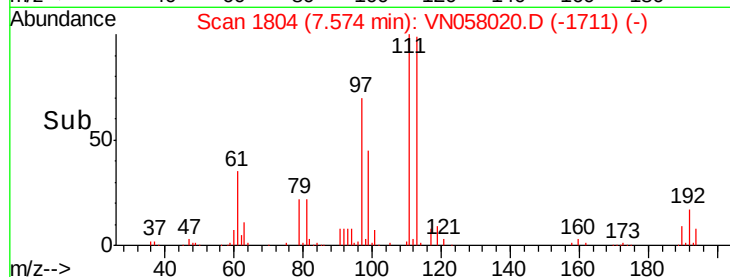
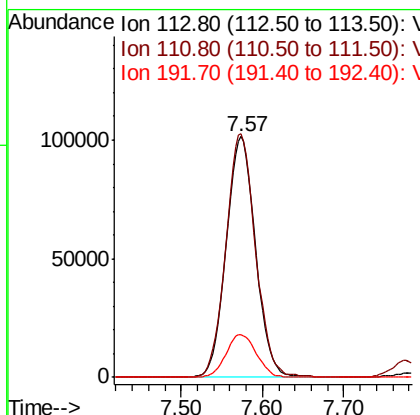
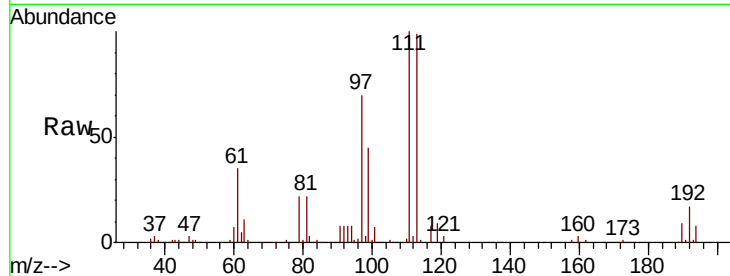




#35
 Dibromofluoromethane
 Concen: 51.482 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058020.D
 Acq: 13 Sep 2019 16:24

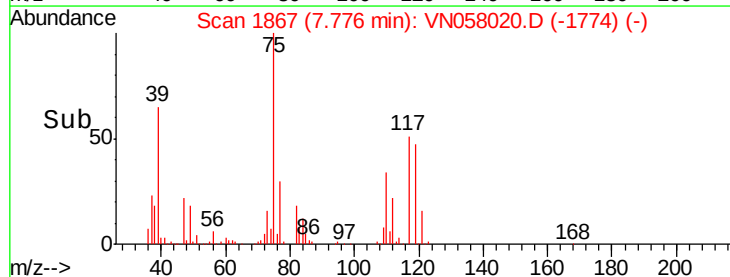
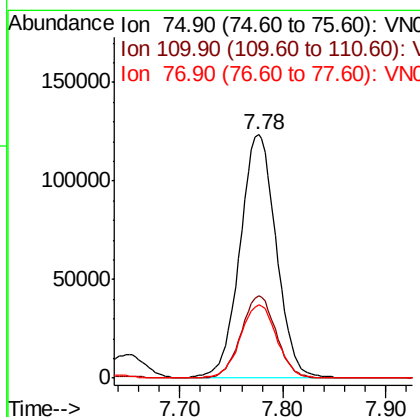
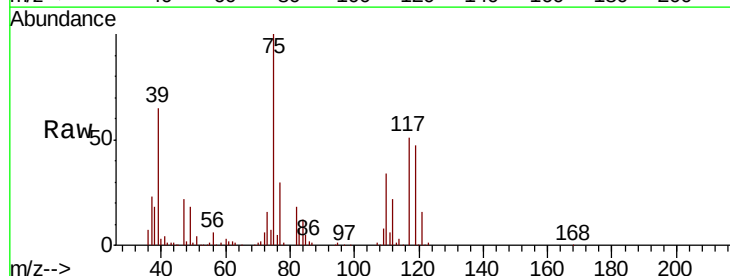
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

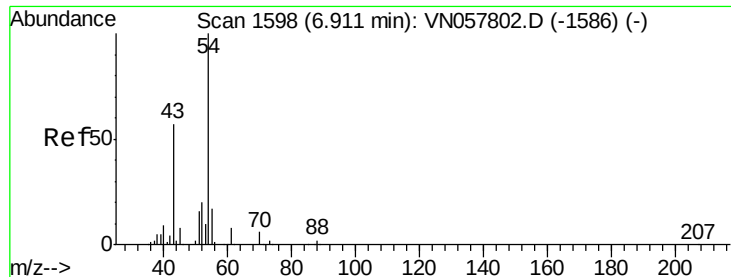
Tgt Ion: 113 Resp: 256004
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.3 121.9
 192 18.6 14.6 22.0



#36
 1,1-Dichloropropene
 Concen: 47.780 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN058020.D
 Acq: 13 Sep 2019 16:24

Tgt Ion: 75 Resp: 298550
 Ion Ratio Lower Upper
 75 100
 110 33.1 16.3 48.9
 77 30.9 25.0 37.4

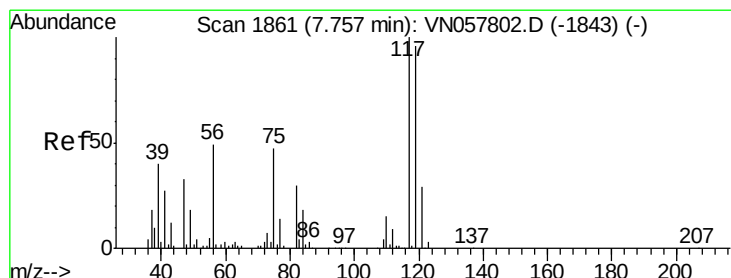
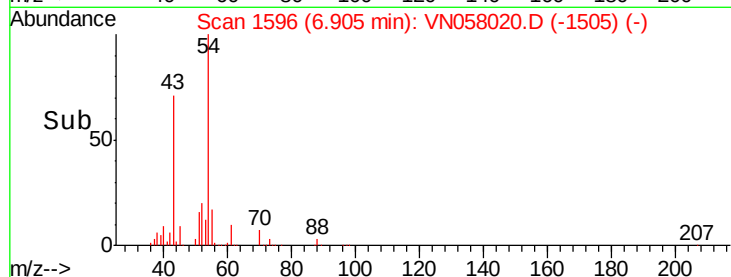
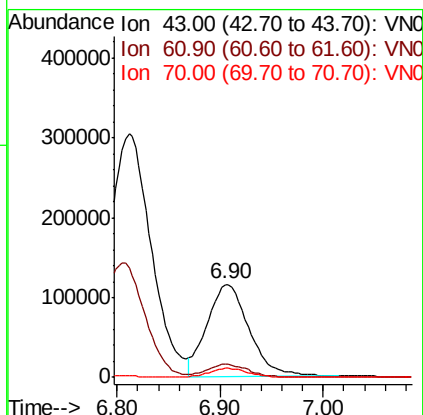
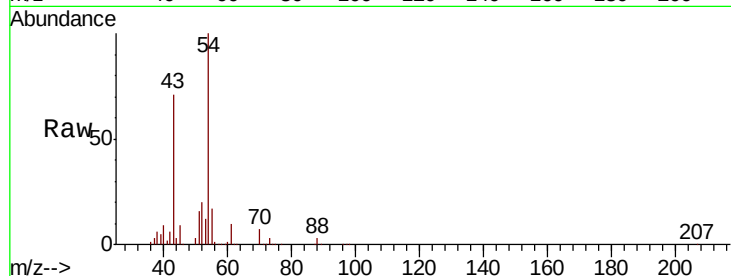




#37
Ethyl Acetate
Concen: 50.789 ug/l
RT: 6.90 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VN058020.D
Acq: 13 Sep 2019 16:24

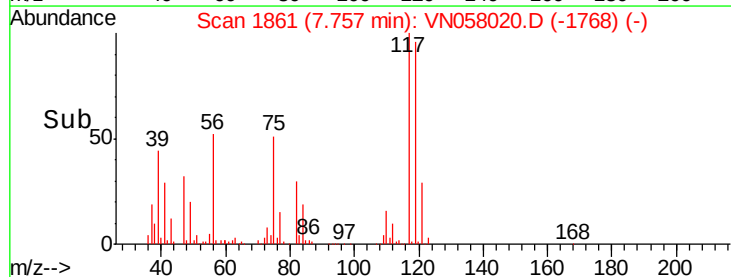
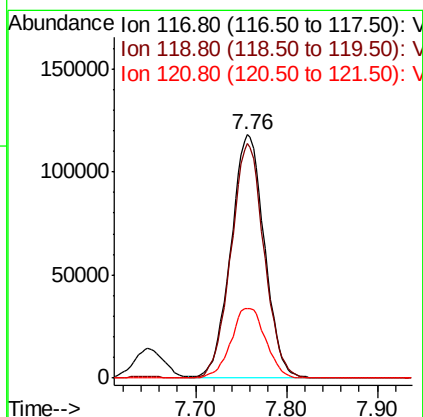
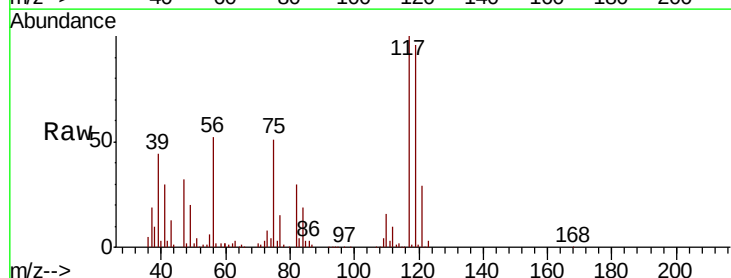
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

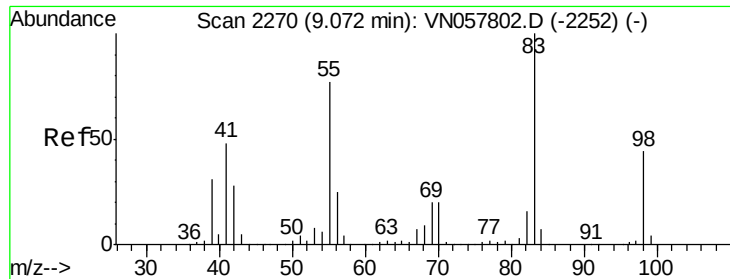
Tgt Ion: 43 Resp: 327886
Ion Ratio Lower Upper
43 100
61 13.8 10.5 15.7
70 9.3 7.4 11.0



#38
Carbon Tetrachloride
Concen: 53.060 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN058020.D
Acq: 13 Sep 2019 16:24

Tgt Ion: 117 Resp: 302693
Ion Ratio Lower Upper
117 100
119 96.2 76.9 115.3
121 28.7 23.4 35.2

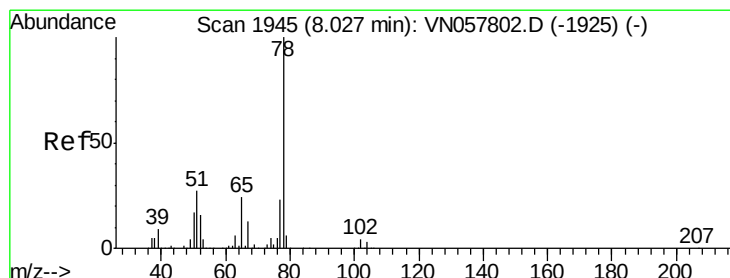
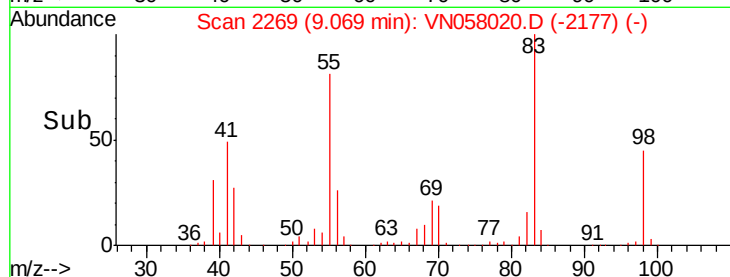
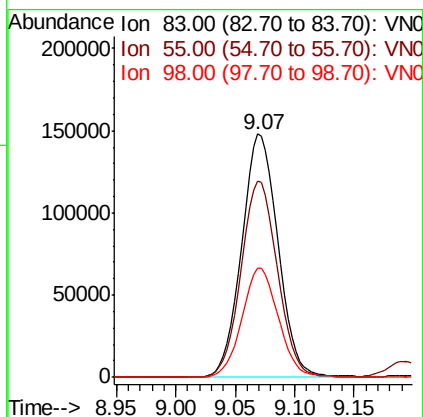
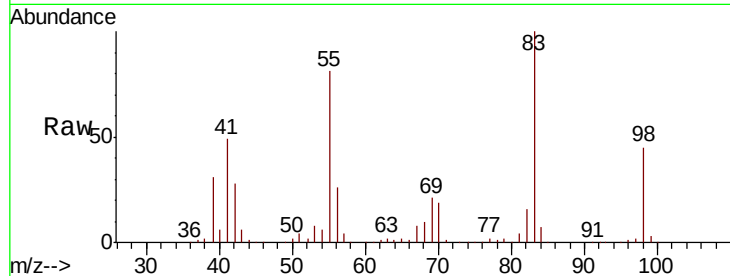




#39
Methylcyclohexane
Concen: 47.692 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN058020.D
Acq: 13 Sep 2019 16:24

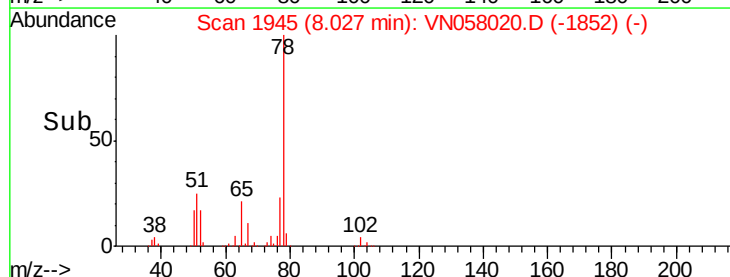
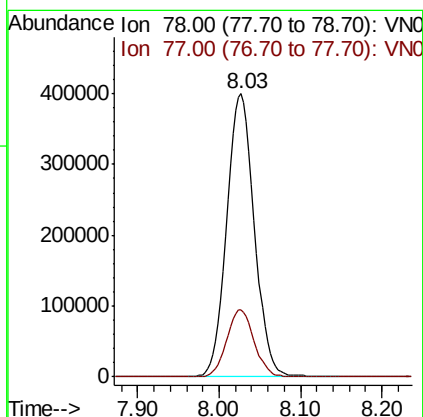
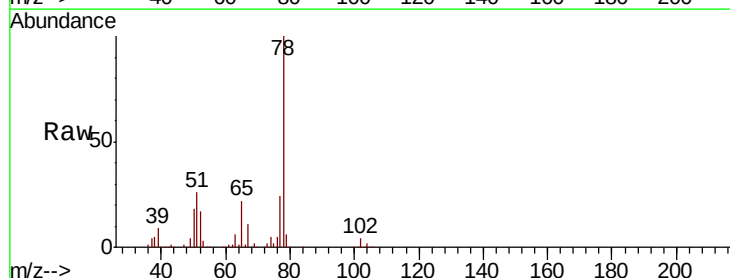
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

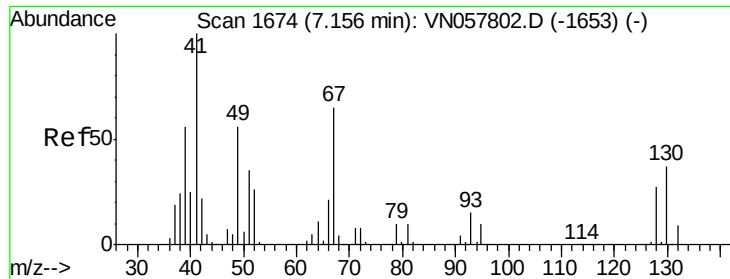
Tgt Ion	Ratio	Lower	Upper
83	100		
55	80.6	61.6	92.4
98	44.7	34.9	52.3



#40
Benzene
Concen: 50.558 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN058020.D
Acq: 13 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.3	27.5

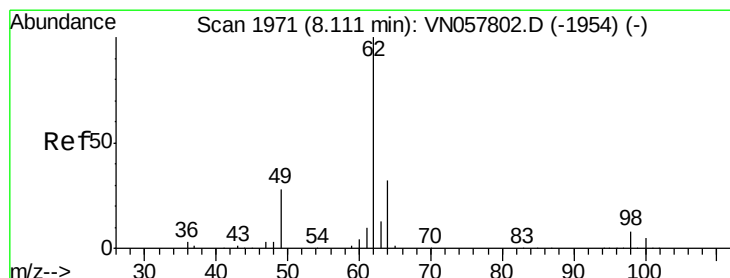
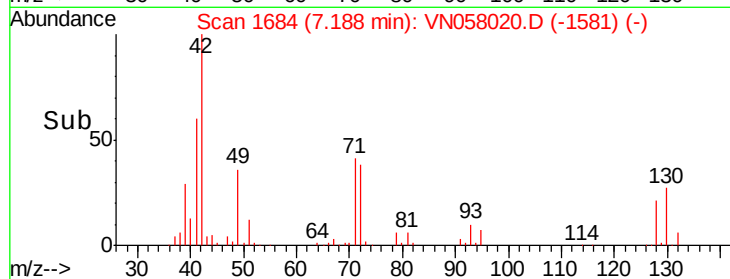
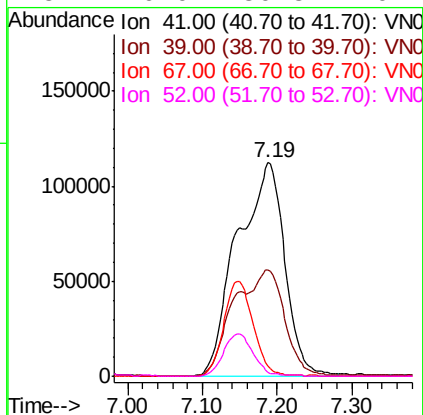
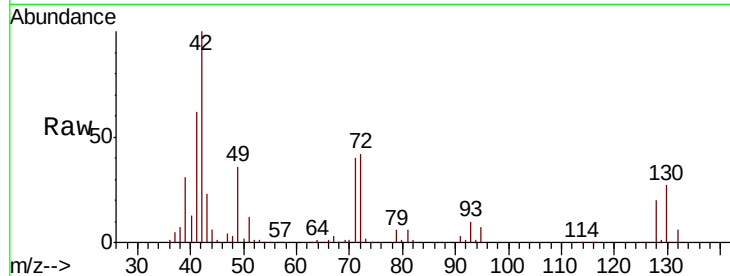




#41
Methacrylonitrile
Concen: 167.344 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.03 min
Lab File: VN058020.D
Acq: 13 Sep 2019 16:24

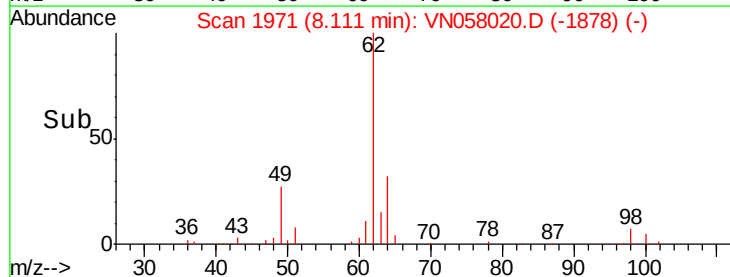
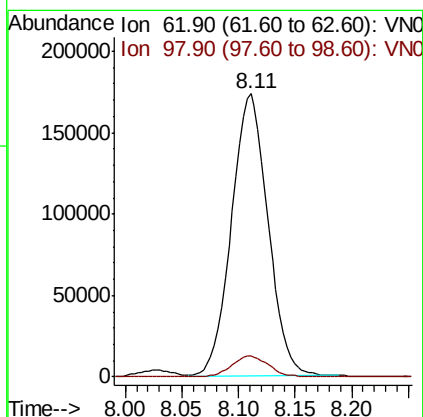
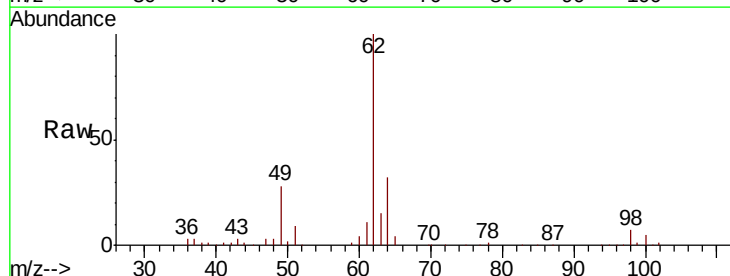
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

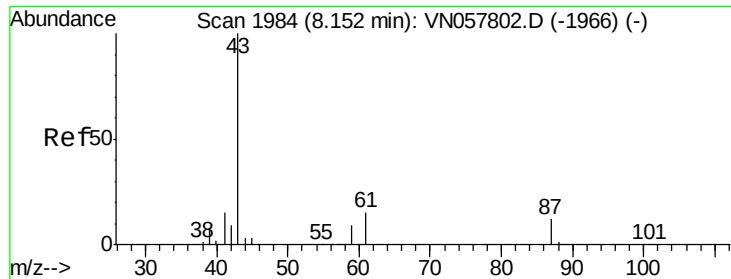
Tgt Ion: 41 Resp: 490401
Ion Ratio Lower Upper
41 100
39 0.0 51.0 76.6#
67 0.0 70.7 106.1#
52 0.0 30.8 46.2#



#42
1,2-Dichloroethane
Concen: 51.897 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VN058020.D
Acq: 13 Sep 2019 16:24

Tgt Ion: 62 Resp: 390445
Ion Ratio Lower Upper
62 100
98 7.5 0.0 15.8





#43

Isopropyl Acetate

Concen: 55.202 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

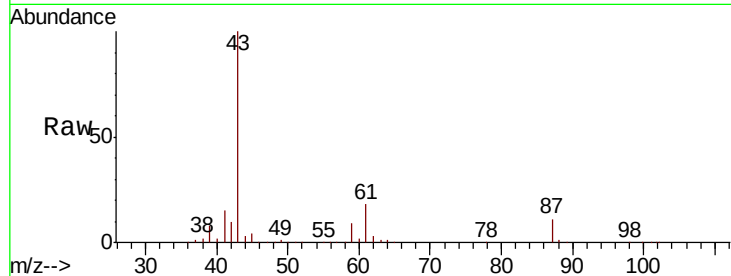
Tgt Ion: 43 Resp: 599306

Ion Ratio Lower Upper

43 100

61 17.7 20.1 30.1#

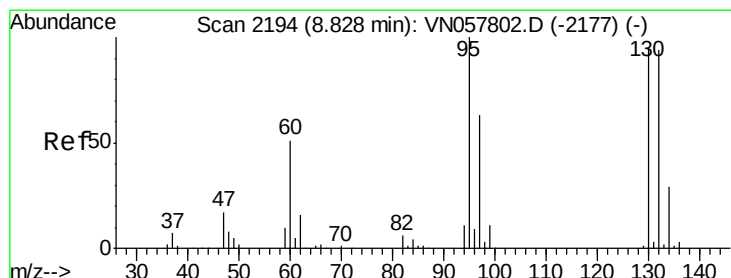
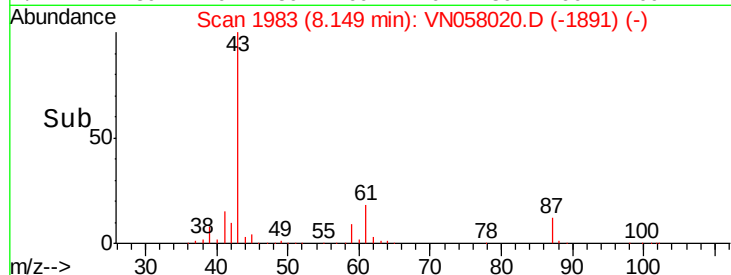
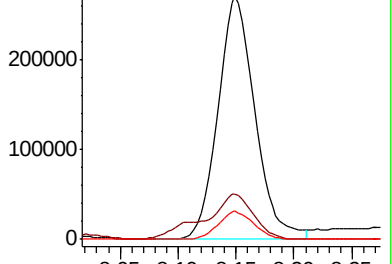
87 11.3 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN057802.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN057802.D (-1966) (-)



#44

Trichloroethene

Concen: 50.279 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN058020.D

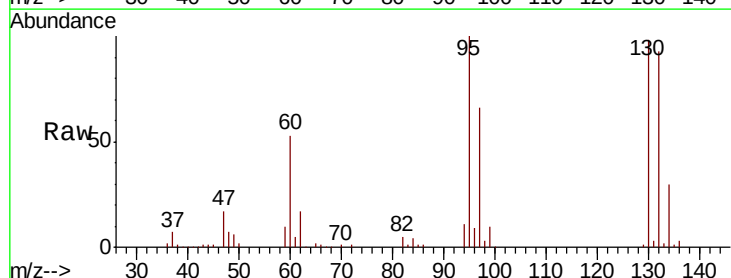
Acq: 13 Sep 2019 16:24

Tgt Ion: 130 Resp: 231988

Ion Ratio Lower Upper

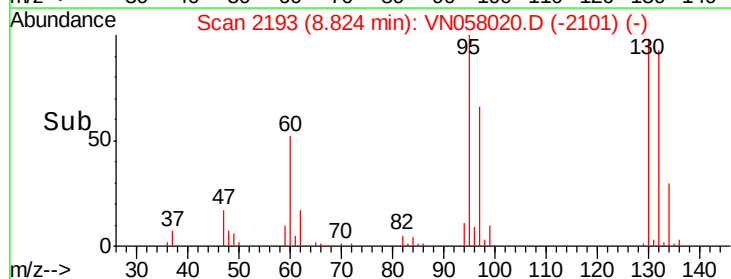
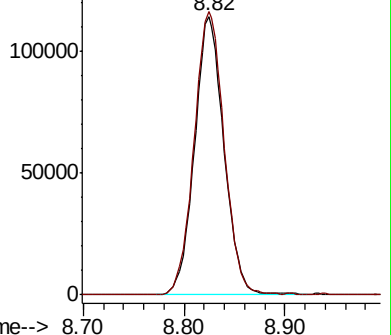
130 100

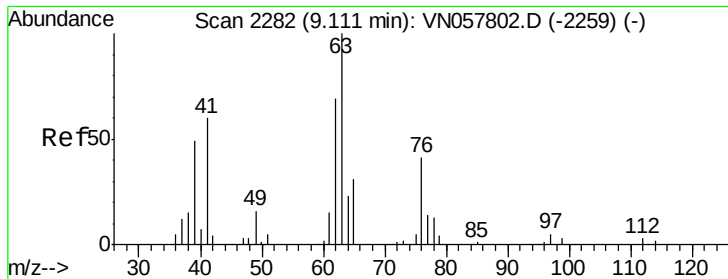
95 101.7 0.0 211.4



Abundance Ion 129.80 (129.50 to 130.50): VN057802.D (-2177) (-)

Ion 94.90 (94.60 to 95.60): VN057802.D (-2177) (-)

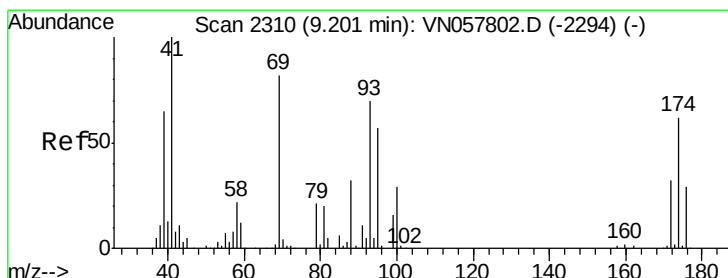
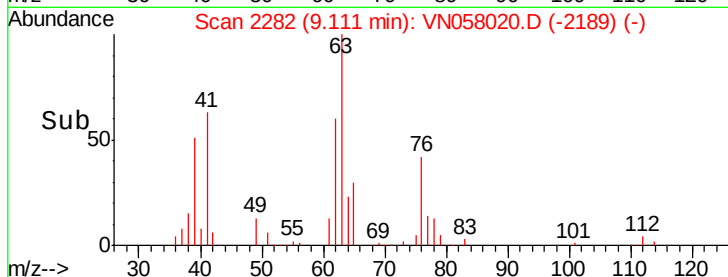
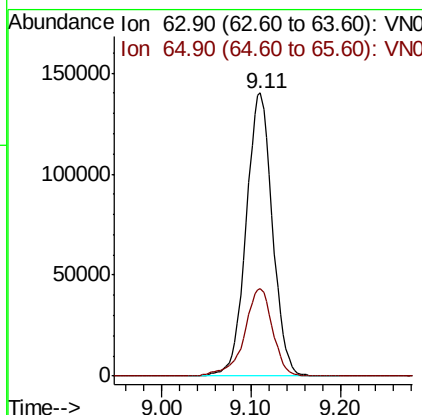
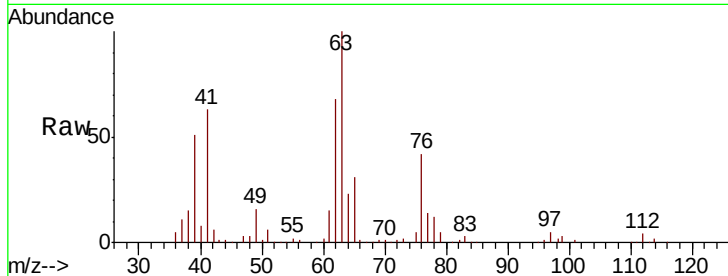




#45
 1,2-Dichloropropane
 Concen: 52.636 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN058020.D
 Acq: 13 Sep 2019 16:24

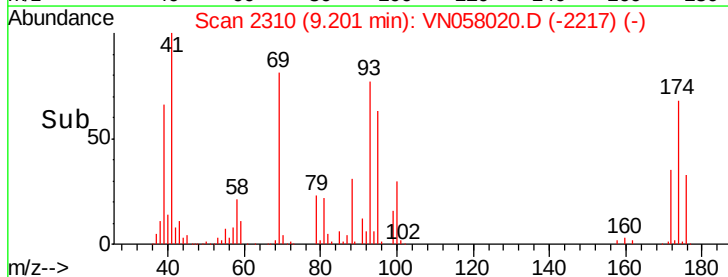
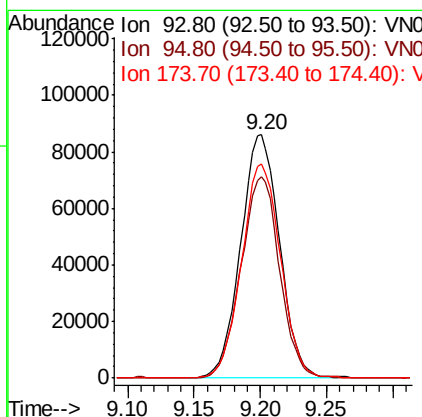
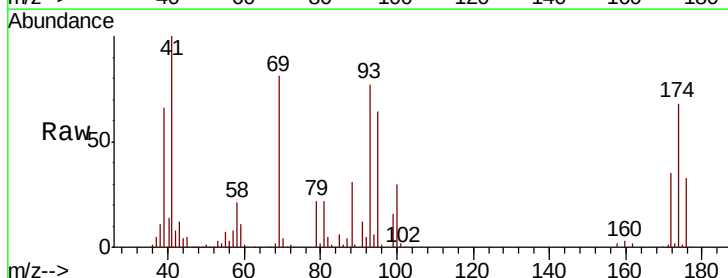
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

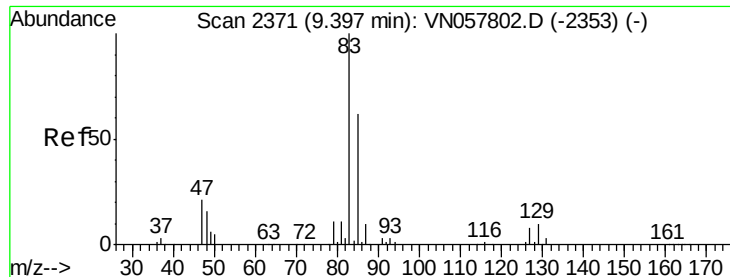
Tgt Ion: 63 Resp: 288128
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.8 37.2



#46
 Dibromomethane
 Concen: 53.005 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN058020.D
 Acq: 13 Sep 2019 16:24

Tgt Ion: 93 Resp: 175332
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.9 98.9
 174 88.4 71.8 107.6





#47

Bromodichloromethane

Concen: 55.255 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

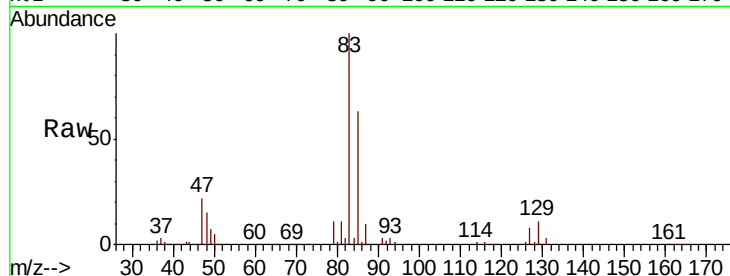
Tgt Ion: 83 Resp: 364980

Ion Ratio Lower Upper

83 100

85 63.3 49.9 74.9

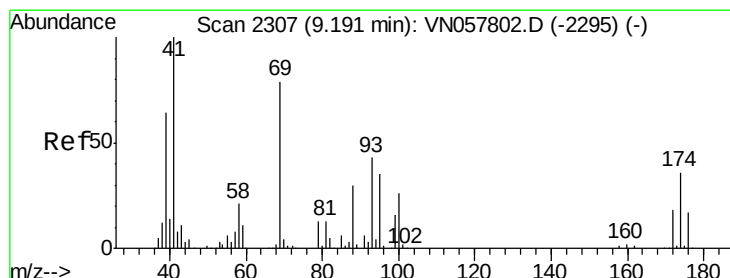
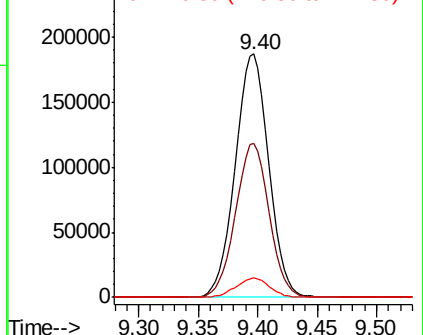
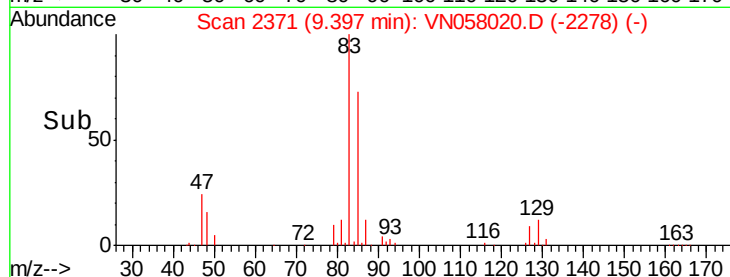
127 7.9 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN058020.D (-2278) (-)

Ion 84.90 (84.60 to 85.60): VN058020.D (-2278) (-)

Ion 126.80 (126.50 to 127.50): VN058020.D (-2278) (-)



#48

Methyl methacrylate

Concen: 52.293 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

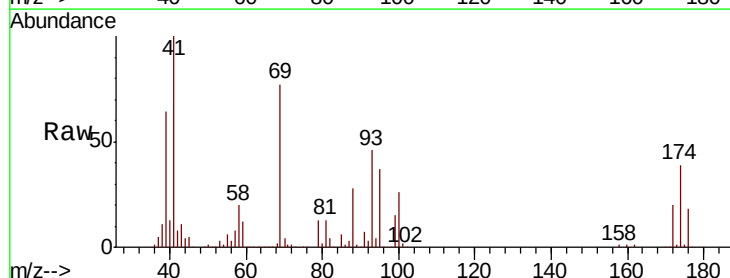
Tgt Ion: 41 Resp: 287987

Ion Ratio Lower Upper

41 100

69 78.8 62.7 94.1

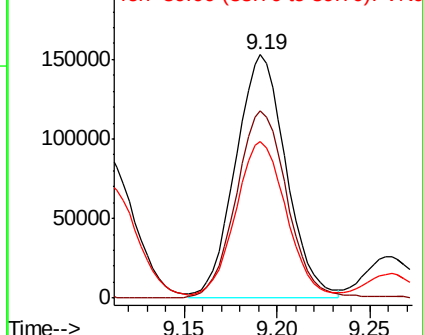
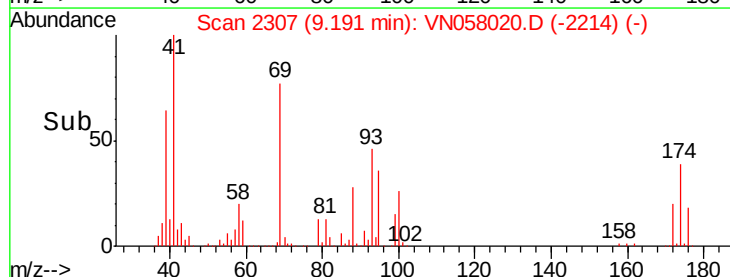
39 65.2 52.7 79.1

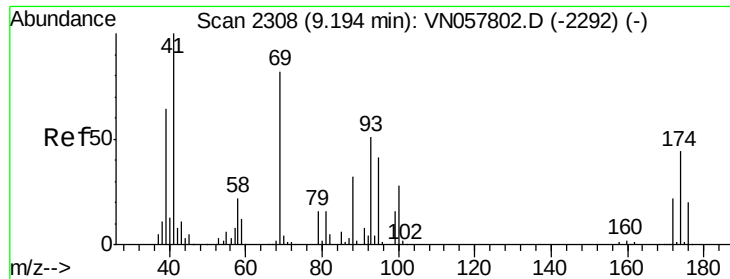


Abundance Ion 41.00 (40.70 to 41.70): VN058020.D (-2214) (-)

Ion 69.00 (68.70 to 69.70): VN058020.D (-2214) (-)

Ion 39.00 (38.70 to 39.70): VN058020.D (-2214) (-)

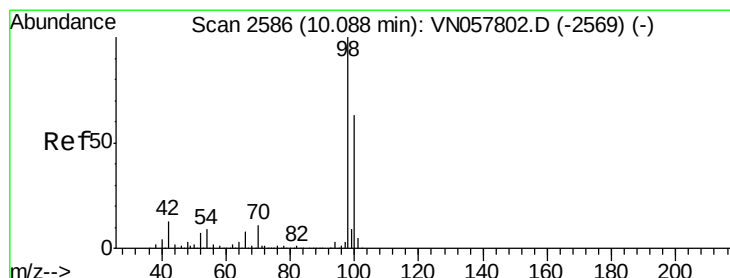
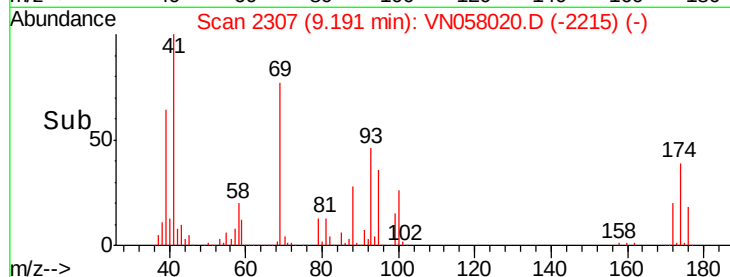
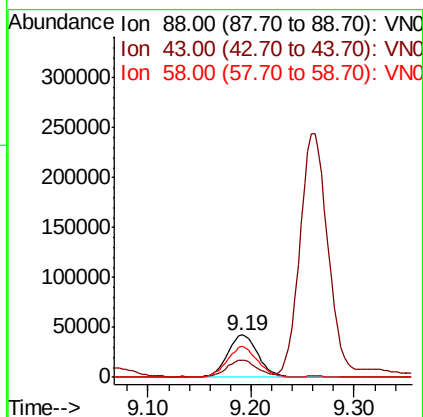
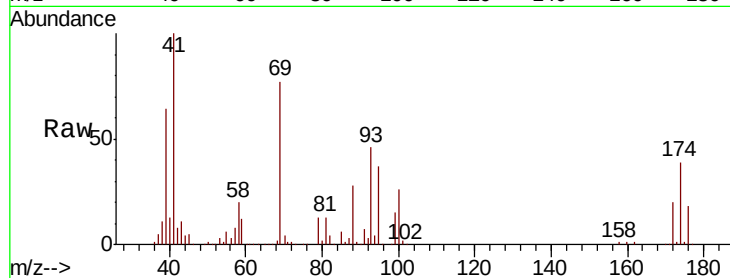




#49
 1,4-Dioxane
 Concen: 943.063 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN058020.D
 Acq: 13 Sep 2019 16:24

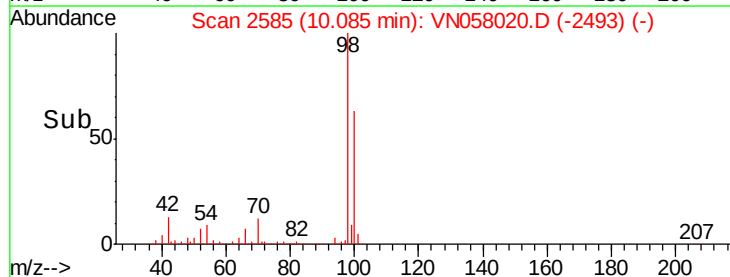
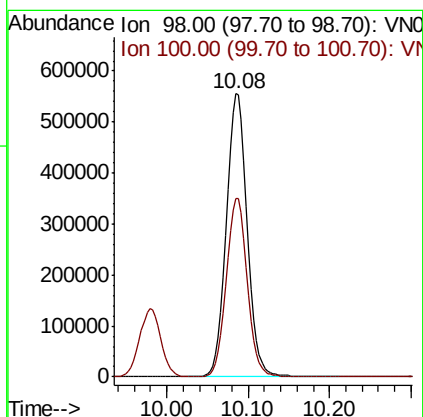
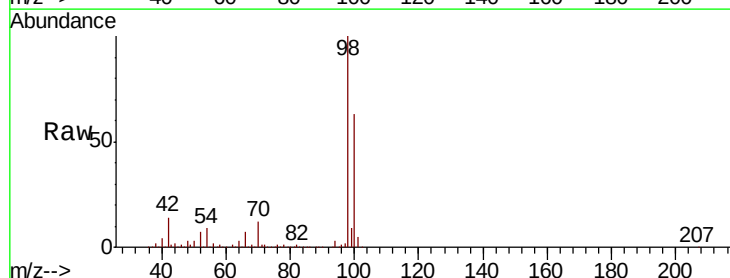
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

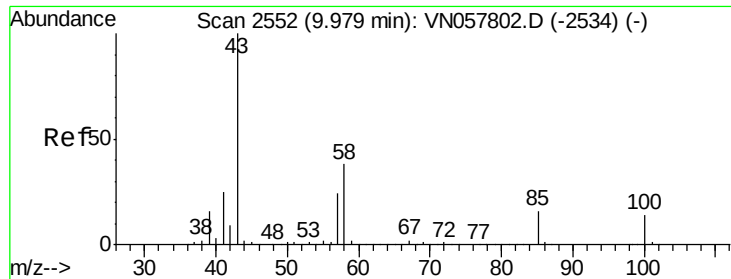
Tgt Ion: 88 Resp: 87828
 Ion Ratio Lower Upper
 88 100
 43 38.1 28.5 42.7
 58 72.1 55.8 83.6



#50
 Toluene-d8
 Concen: 52.226 ug/l
 RT: 10.08 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: VN058020.D
 Acq: 13 Sep 2019 16:24

Tgt Ion: 98 Resp: 1008320
 Ion Ratio Lower Upper
 98 100
 100 63.4 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 278.503 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

Instrument :

MSVOA_N

ClientSampleId :

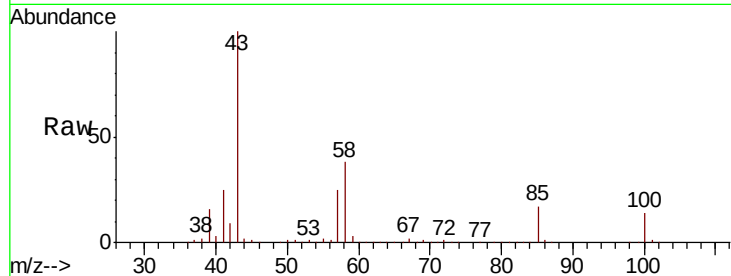
VSTDCCC050

Tgt Ion: 43 Resp: 1789258

Ion Ratio Lower Upper

43 100

58 37.3 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VN058020.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN058020.D (-2534) (-)

9.98

1000000

800000

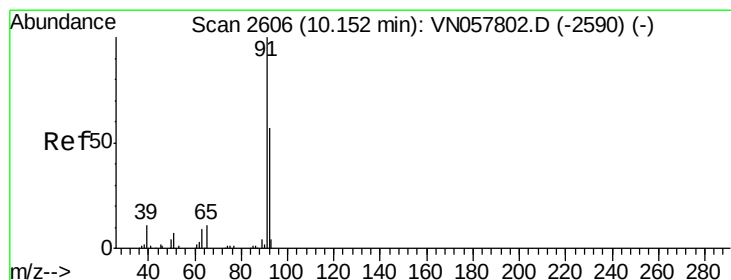
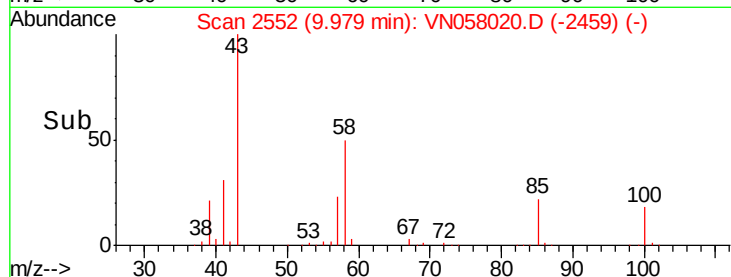
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 51.414 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN058020.D

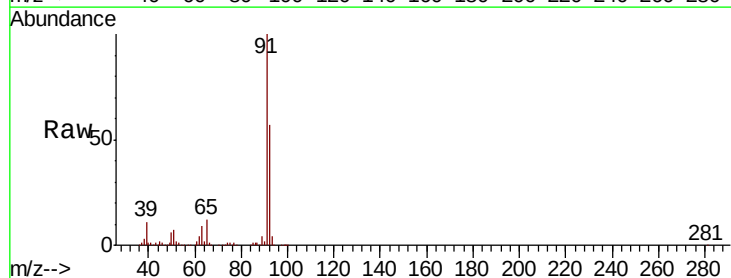
Acq: 13 Sep 2019 16:24

Tgt Ion: 92 Resp: 609177

Ion Ratio Lower Upper

92 100

91 173.7 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN058020.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN058020.D (-2590) (-)

10.15

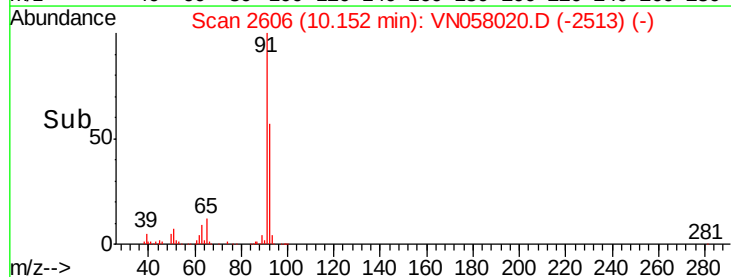
600000

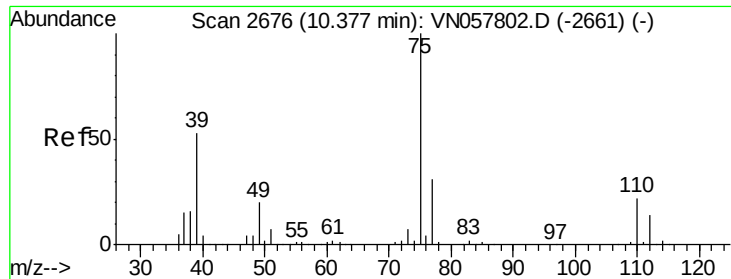
400000

200000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 55.576 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

Instrument :

MSVOA_N

ClientSampleId :

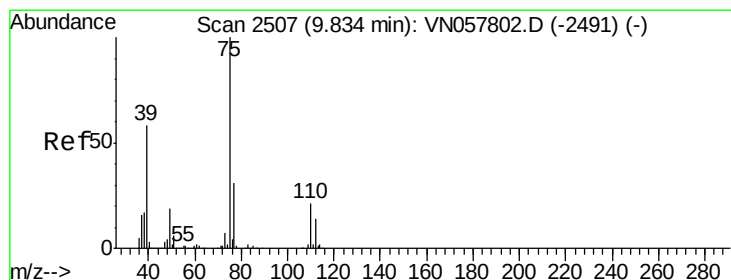
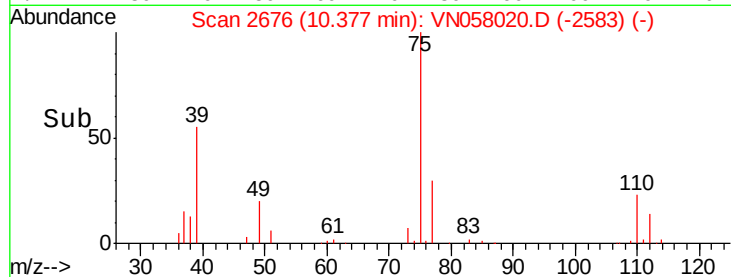
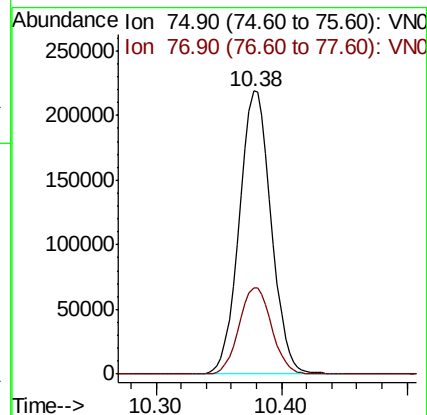
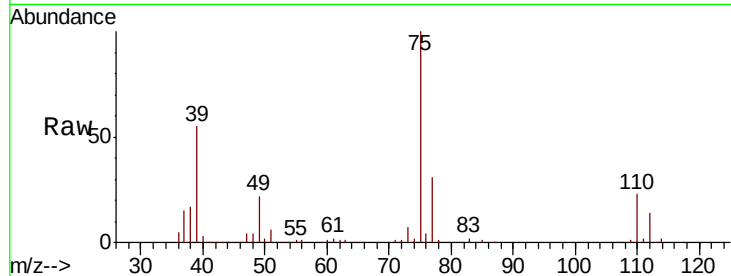
VSTDCCC050

Tgt Ion: 75 Resp: 386575

Ion Ratio Lower Upper

75 100

77 30.6 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 55.346 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

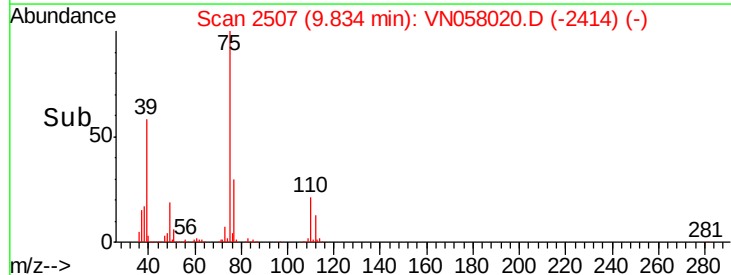
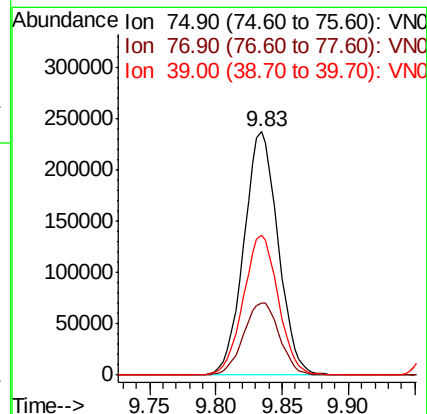
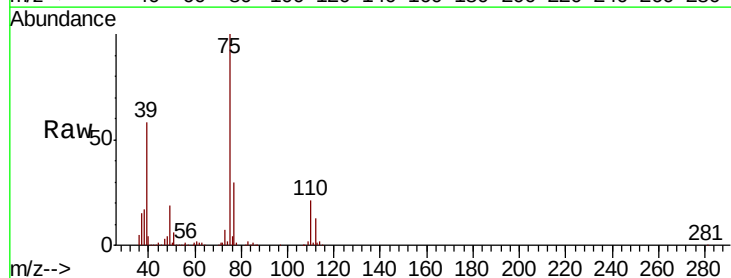
Tgt Ion: 75 Resp: 425042

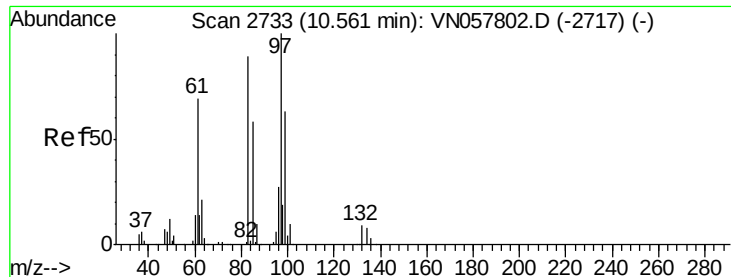
Ion Ratio Lower Upper

75 100

77 29.8 24.8 37.2

39 57.7 46.2 69.4

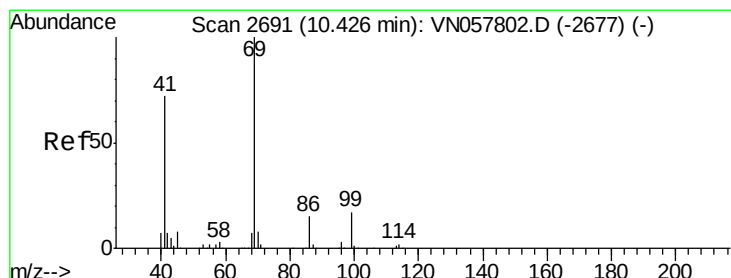
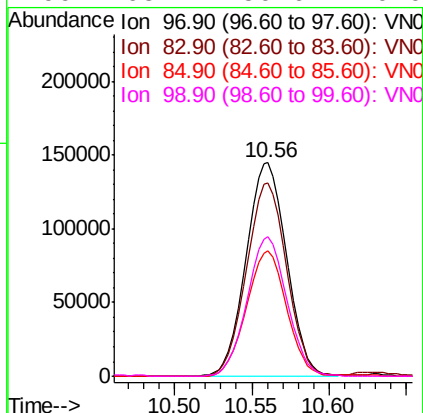
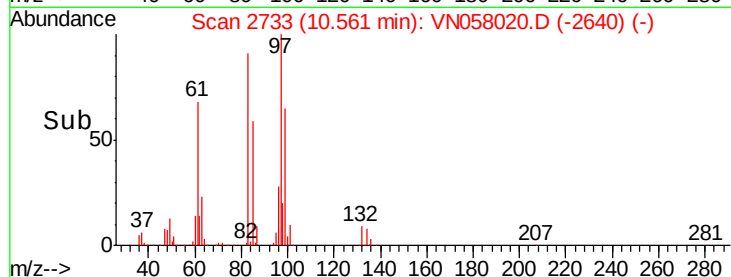
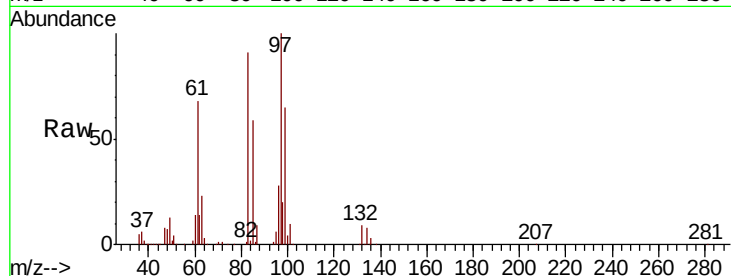




#55
 1,1,2-Trichloroethane
 Concen: 52.682 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN058020.D
 Acq: 13 Sep 2019 16:24

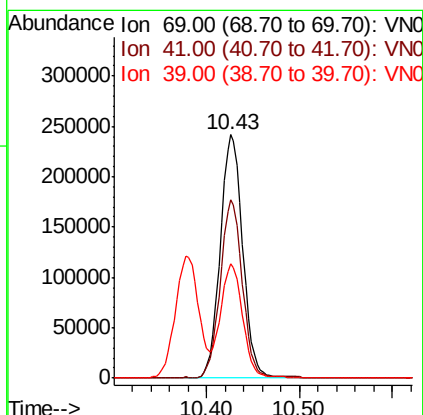
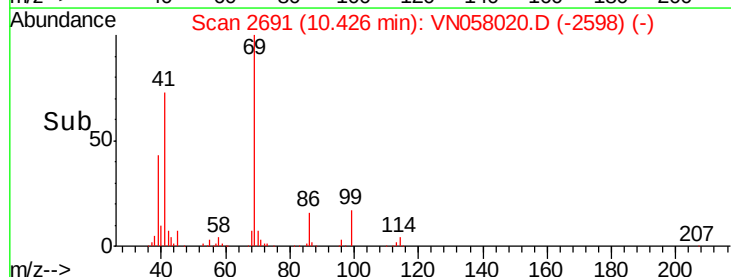
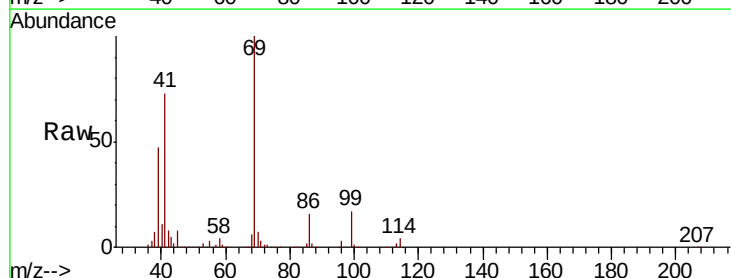
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

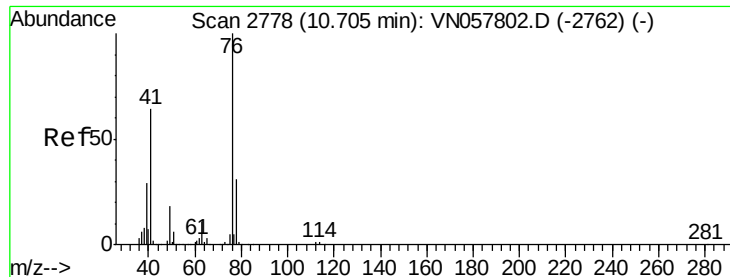
Tgt Ion: 97 Resp: 264402
 Ion Ratio Lower Upper
 97 100
 83 90.6 70.8 106.2
 85 58.6 46.0 69.0
 99 65.4 50.6 76.0



#56
 Ethyl methacrylate
 Concen: 53.813 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: VN058020.D
 Acq: 13 Sep 2019 16:24

Tgt Ion: 69 Resp: 406709
 Ion Ratio Lower Upper
 69 100
 41 71.1 56.7 85.1
 39 45.8 36.3 54.5





#57

1,3-Dichloropropane

Concen: 53.130 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

Instrument :

MSVOA_N

ClientSampleId :

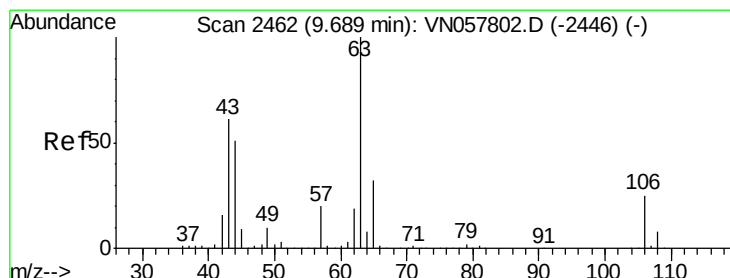
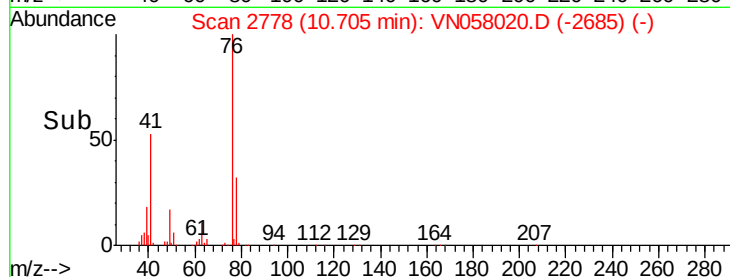
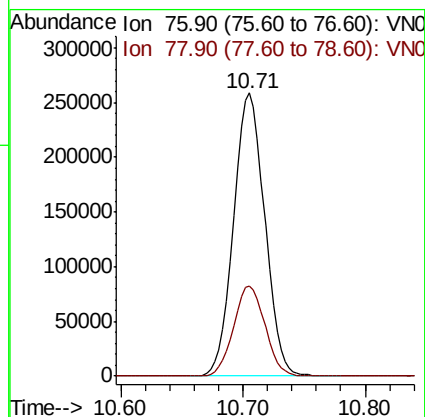
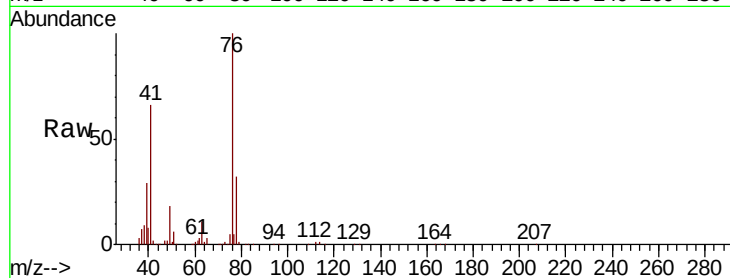
VSTDCCC050

Tgt Ion: 76 Resp: 459538

Ion Ratio Lower Upper

76 100

78 32.2 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 255.259 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN058020.D

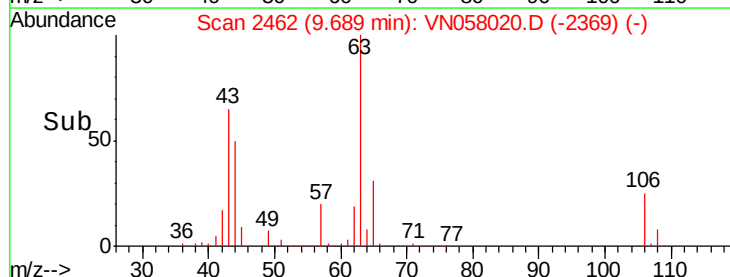
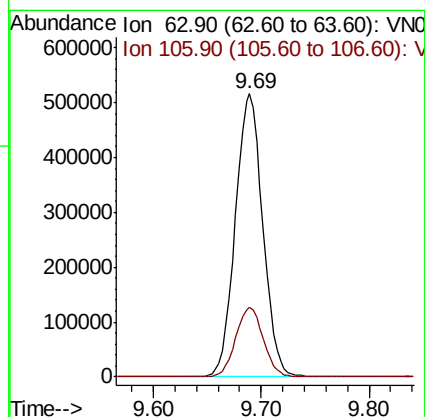
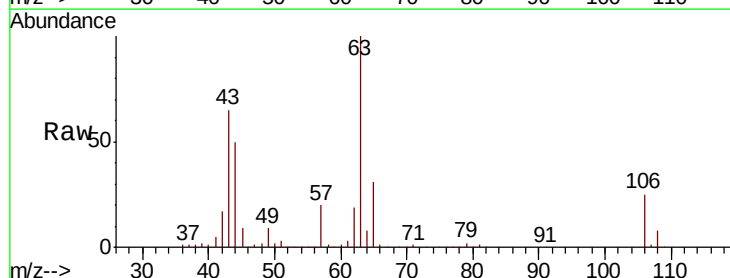
Acq: 13 Sep 2019 16:24

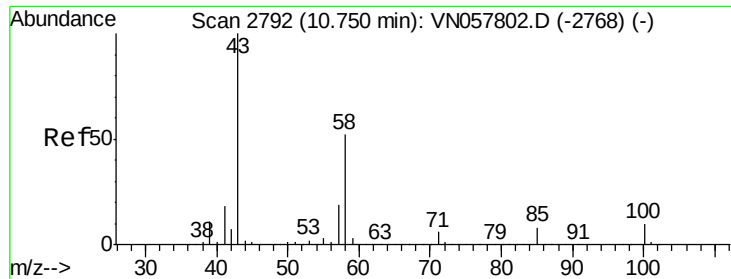
Tgt Ion: 63 Resp: 908645

Ion Ratio Lower Upper

63 100

106 24.8 20.0 30.0

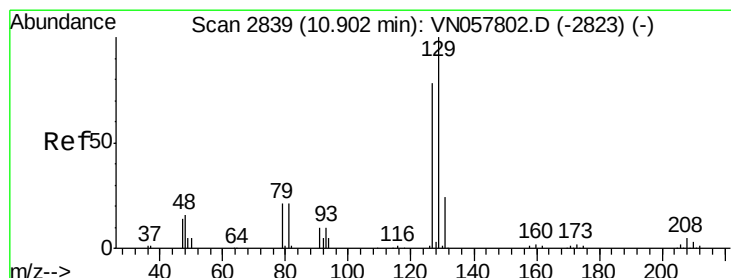
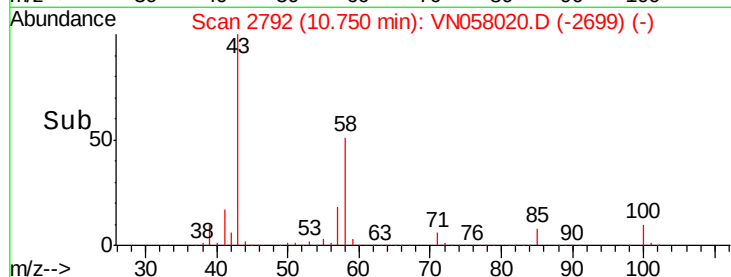
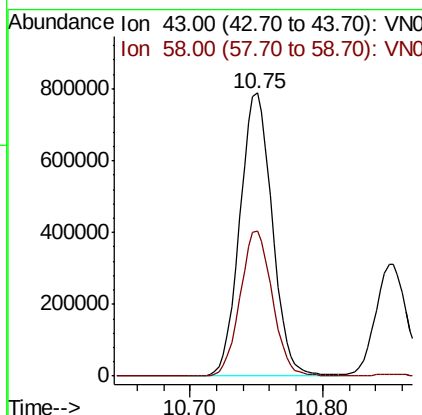
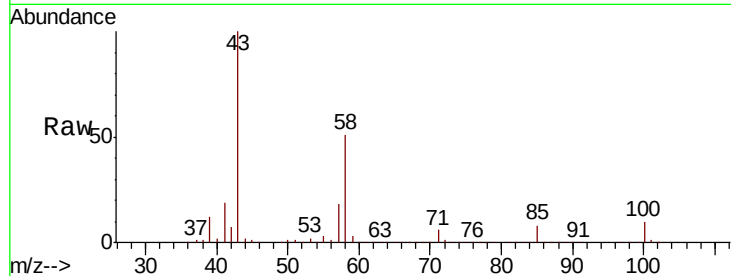




#59
2-Hexanone
Concen: 276.944 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN058020.D
Acq: 13 Sep 2019 16:24

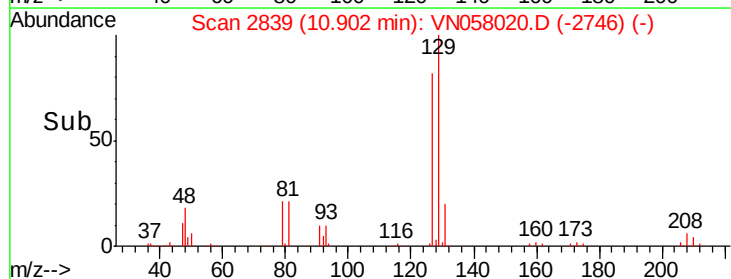
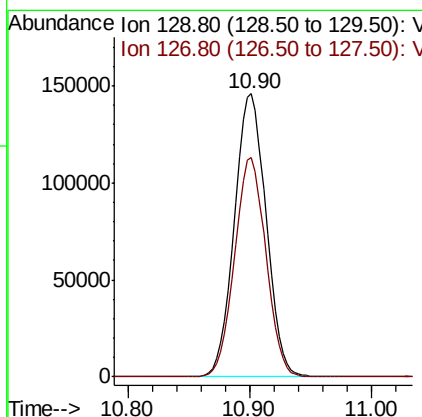
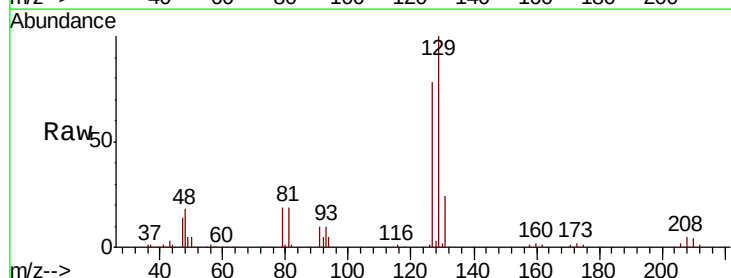
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

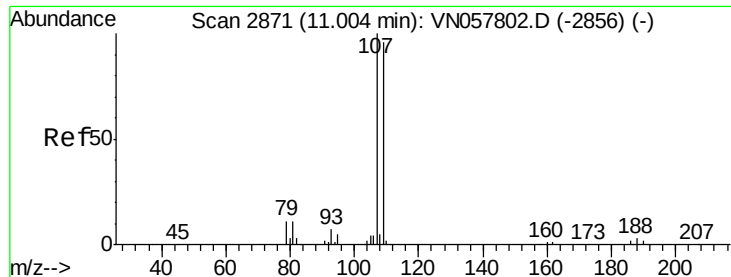
Tgt Ion: 43 Resp: 1333613
Ion Ratio Lower Upper
43 100
58 51.3 25.6 76.8



#60
Dibromochloromethane
Concen: 56.402 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN058020.D
Acq: 13 Sep 2019 16:24

Tgt Ion: 129 Resp: 262862
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0

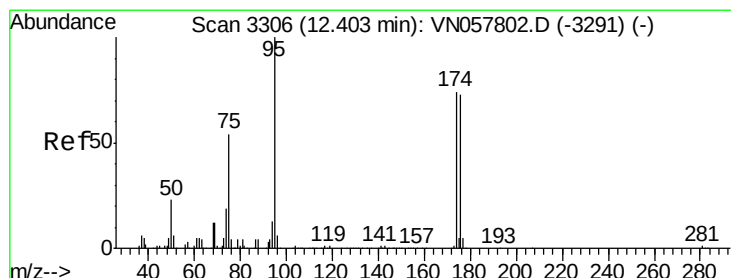
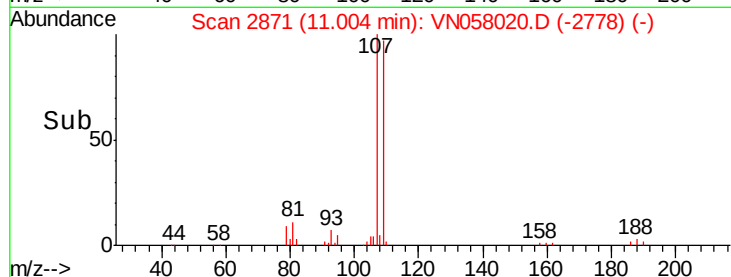
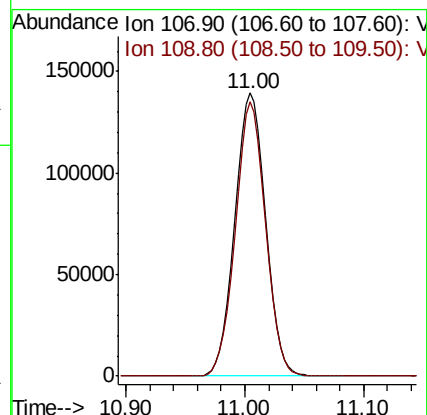
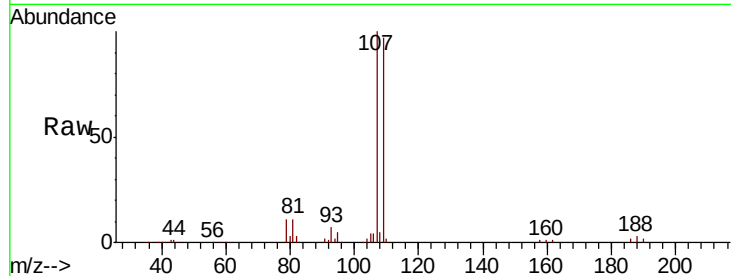




#61
 1,2-Dibromoethane
 Concen: 52.669 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN058020.D
 Acq: 13 Sep 2019 16:24

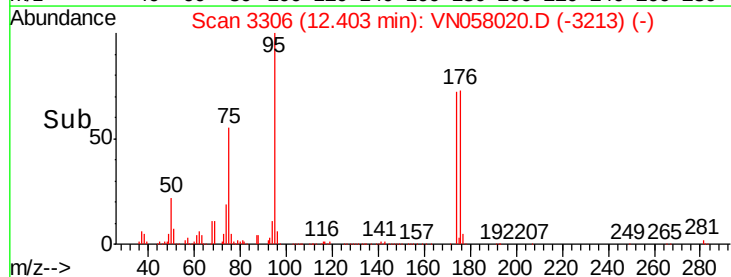
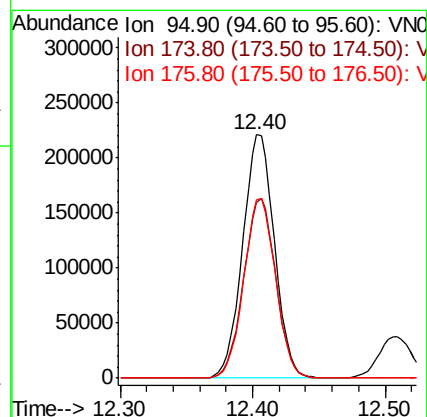
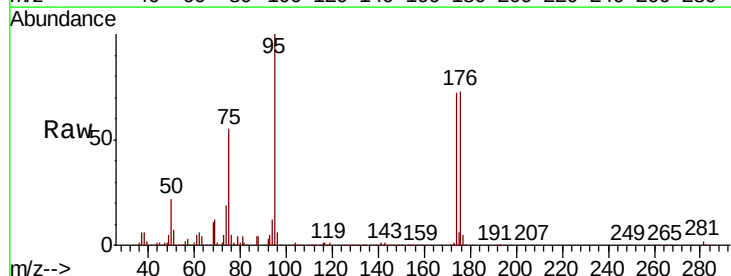
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

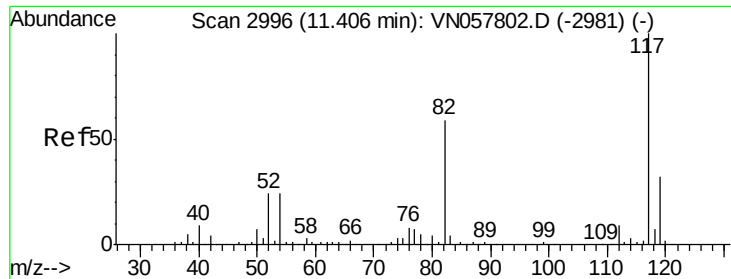
Tgt Ion: 107 Resp: 249907
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 50.002 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN058020.D
 Acq: 13 Sep 2019 16:24

Tgt Ion: 95 Resp: 367896
 Ion Ratio Lower Upper
 95 100
 174 74.7 0.0 150.2
 176 73.9 0.0 146.0

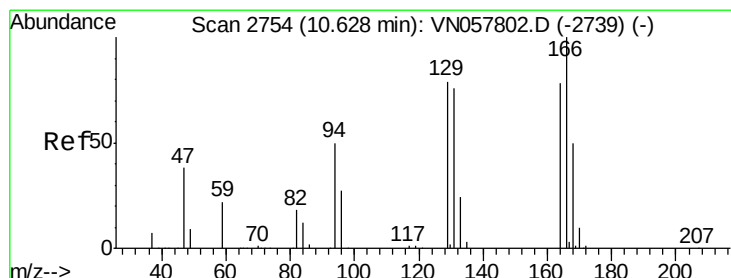
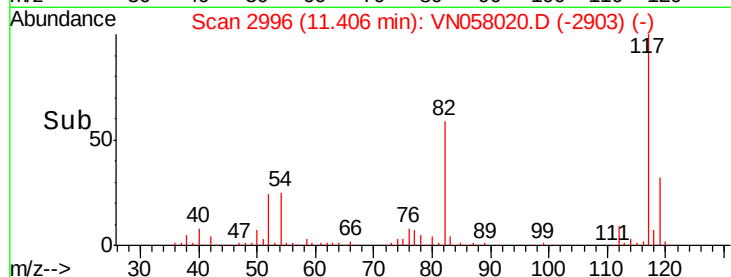
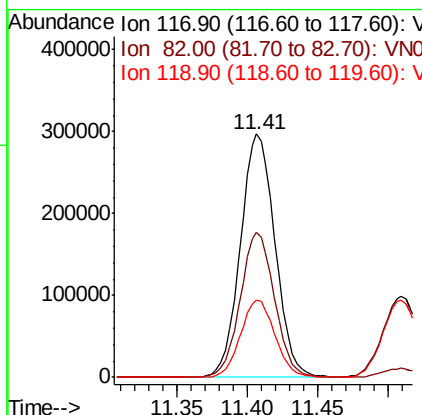
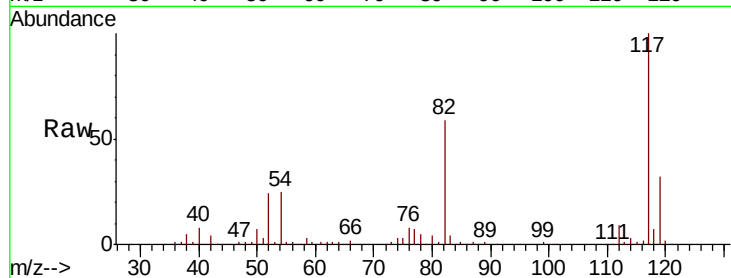




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058020.D
Acq: 13 Sep 2019 16:24

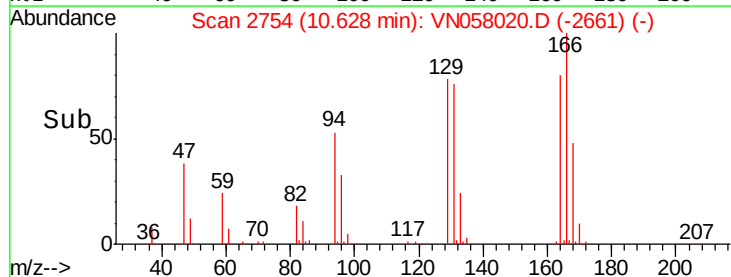
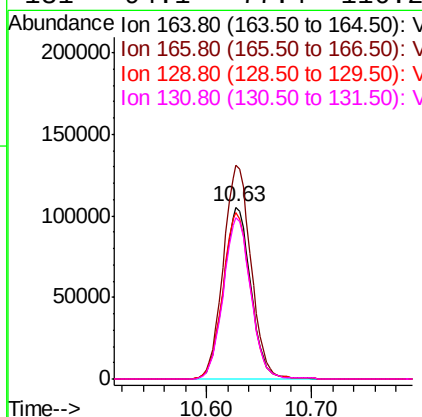
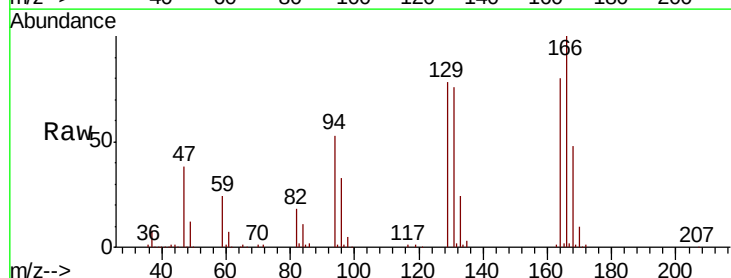
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

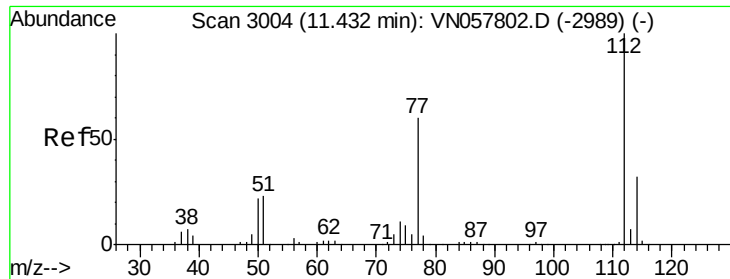
Tgt Ion:117 Resp: 511015
Ion Ratio Lower Upper
117 100
82 59.4 47.2 70.8
119 31.9 25.3 37.9



#64
Tetrachloroethene
Concen: 49.800 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058020.D
Acq: 13 Sep 2019 16:24

Tgt Ion:164 Resp: 187901
Ion Ratio Lower Upper
164 100
166 124.2 102.2 153.2
129 96.8 80.8 121.2
131 94.1 77.4 116.2

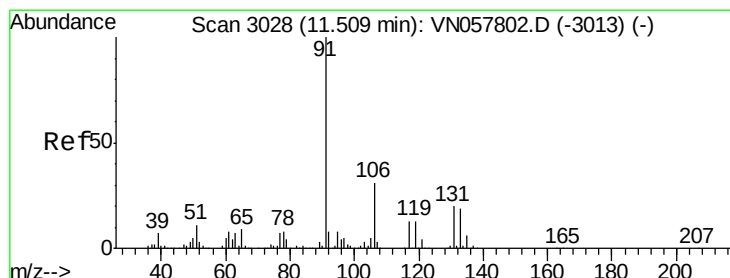
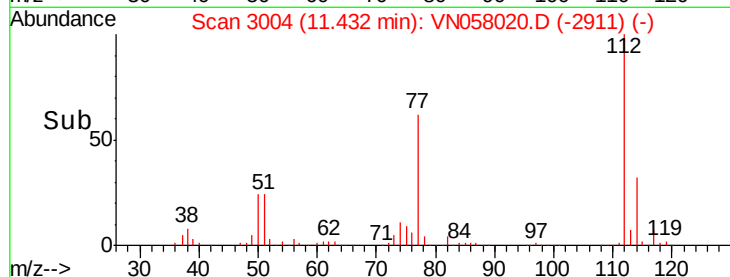
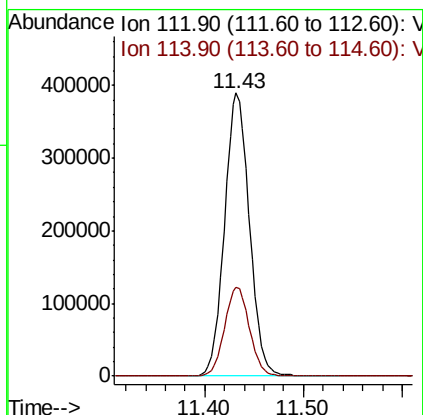
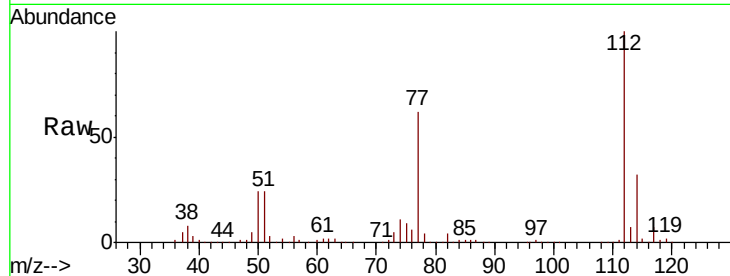




#65
Chlorobenzene
Concen: 51.378 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN058020.D
Acq: 13 Sep 2019 16:24

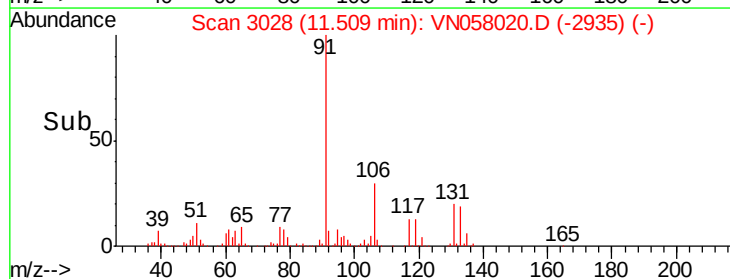
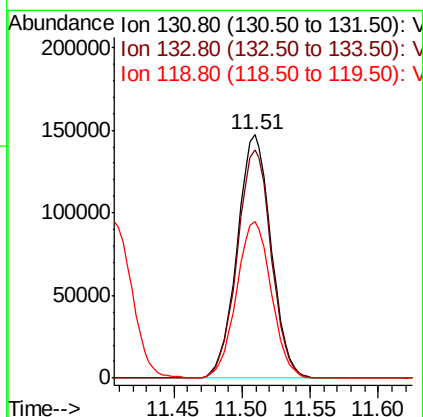
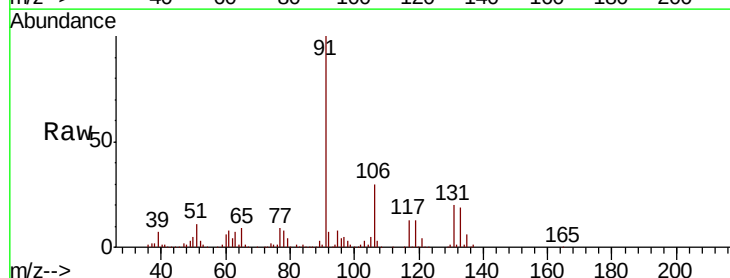
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

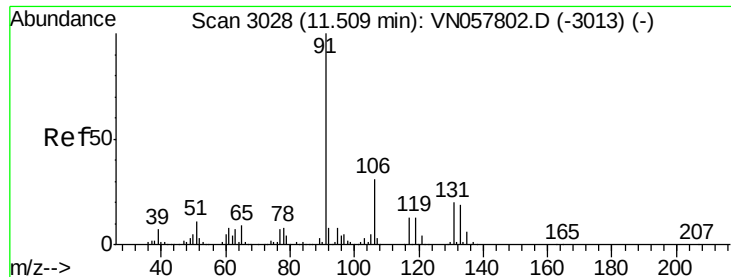
Tgt Ion:112 Resp: 687105
Ion Ratio Lower Upper
112 100
114 31.6 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 54.740 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN058020.D
Acq: 13 Sep 2019 16:24

Tgt Ion:131 Resp: 254026
Ion Ratio Lower Upper
131 100
133 94.3 47.1 141.3
119 66.1 33.3 99.8

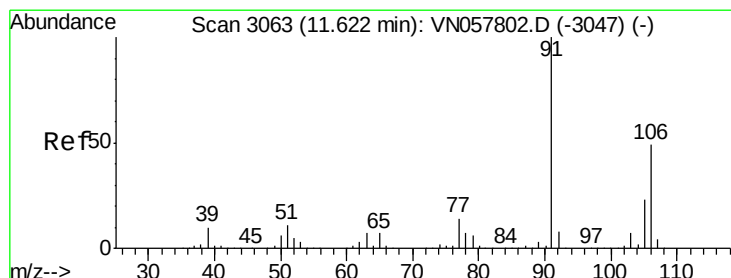
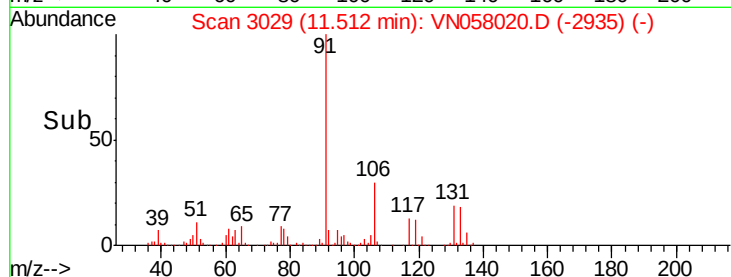
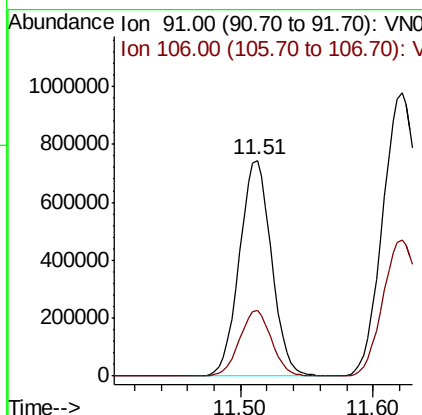
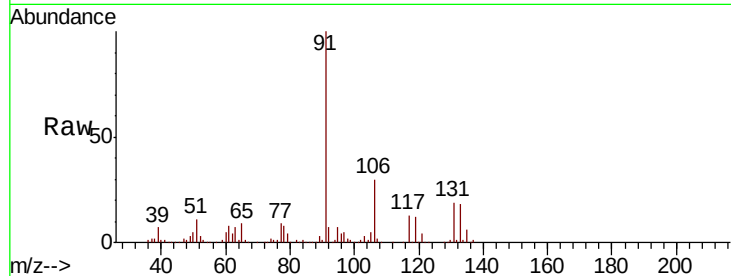




#67
Ethyl Benzene
Concen: 53.346 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN058020.D
Acq: 13 Sep 2019 16:24

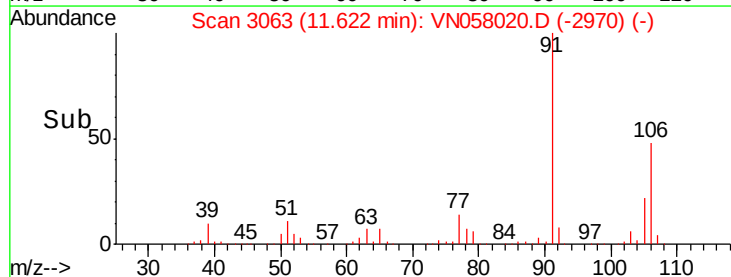
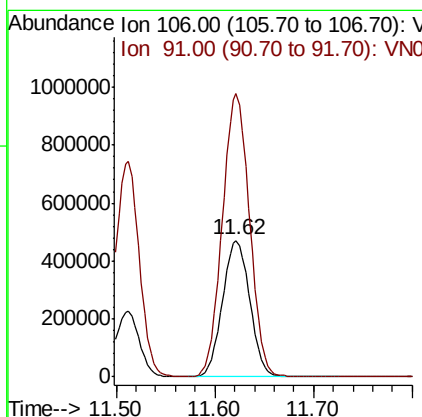
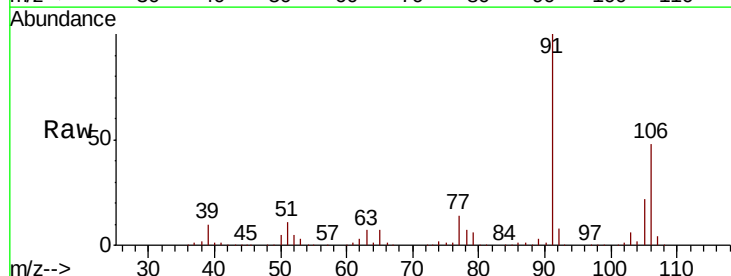
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

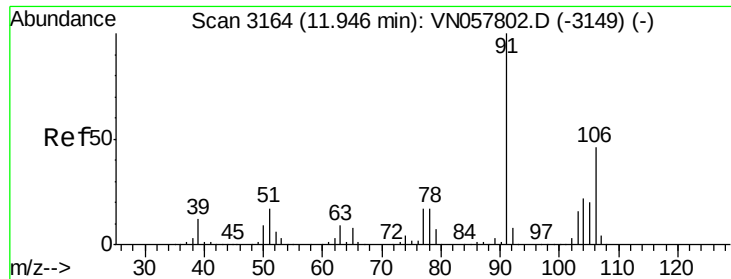
Tgt Ion: 91 Resp: 1250306
Ion Ratio Lower Upper
91 100
106 30.3 24.4 36.6



#68
m/p-Xylenes
Concen: 106.690 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN058020.D
Acq: 13 Sep 2019 16:24

Tgt Ion: 106 Resp: 915965
Ion Ratio Lower Upper
106 100
91 206.6 165.8 248.6

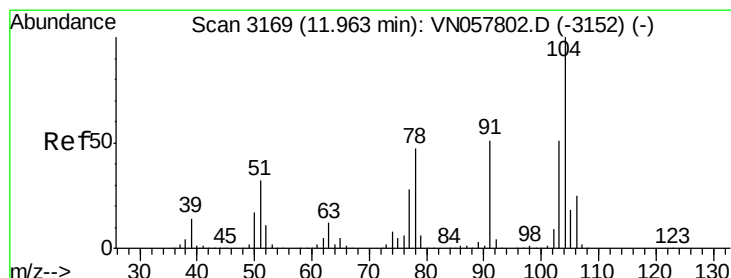
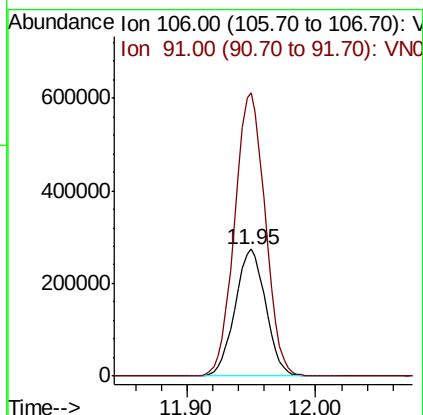
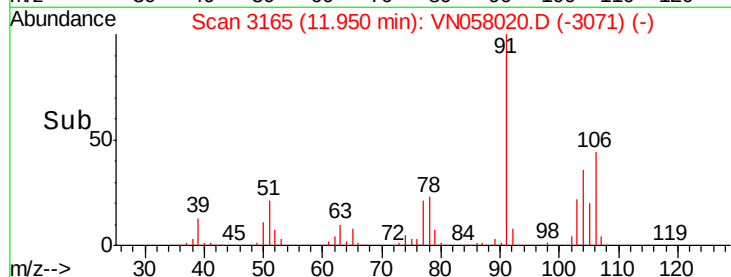
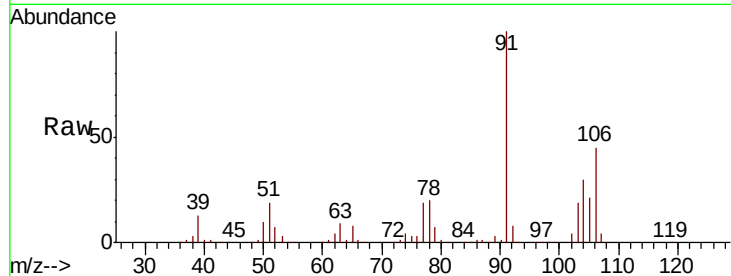




#69
o-Xylene
Concen: 52.963 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058020.D
Acq: 13 Sep 2019 16:24

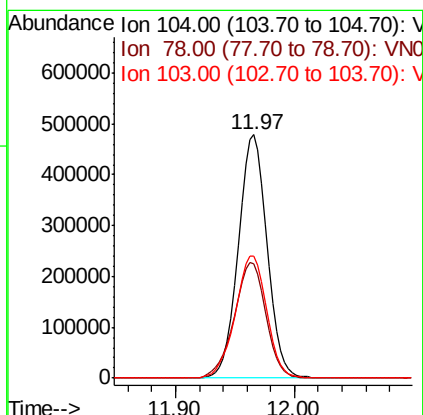
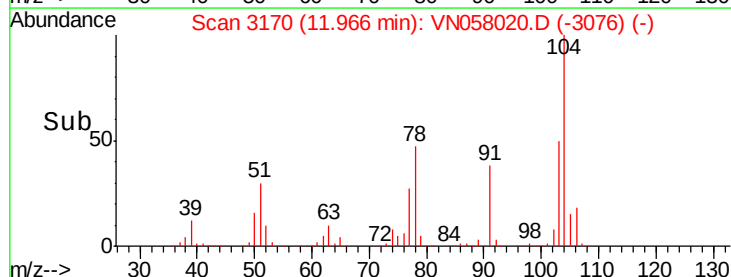
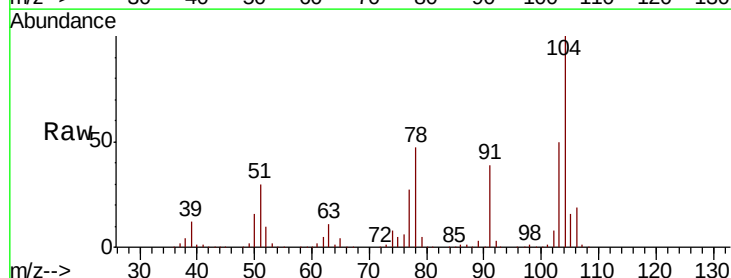
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

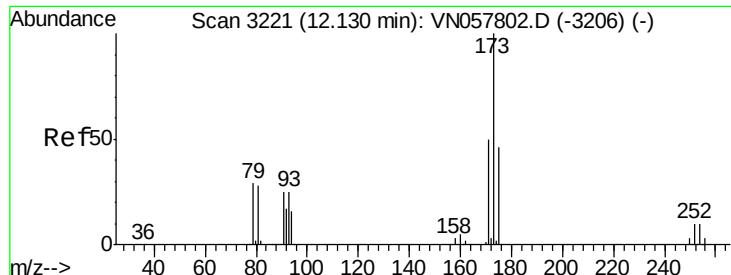
Tgt Ion:106 Resp: 452040
Ion Ratio Lower Upper
106 100
91 223.1 108.7 326.1



#70
Styrene
Concen: 54.544 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN058020.D
Acq: 13 Sep 2019 16:24

Tgt Ion:104 Resp: 801180
Ion Ratio Lower Upper
104 100
78 52.4 41.3 61.9
103 55.0 43.7 65.5





#71

Bromoform

Concen: 56.166 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. 0.00 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

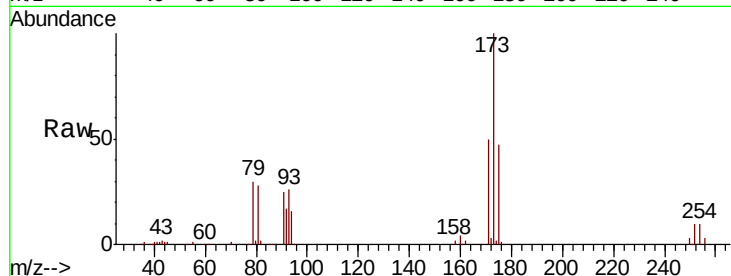
Tgt Ion:173 Resp: 162502

Ion Ratio Lower Upper

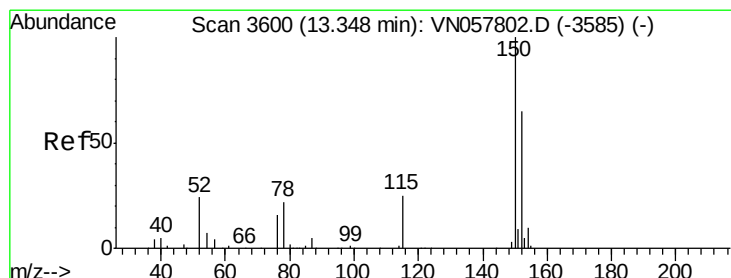
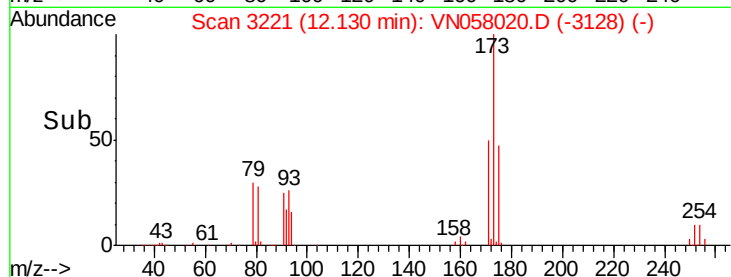
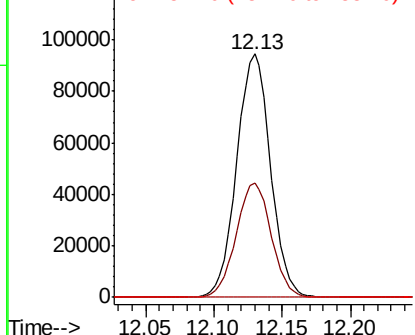
173 100

175 48.7 23.5 70.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

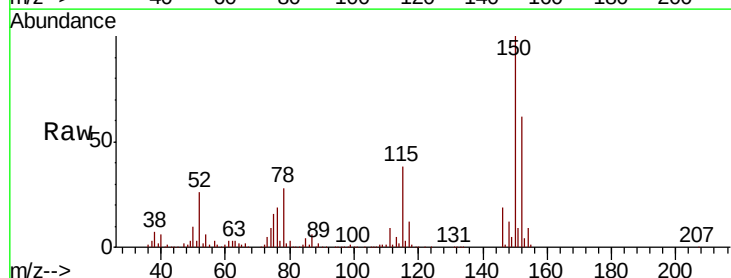
Tgt Ion:152 Resp: 312834

Ion Ratio Lower Upper

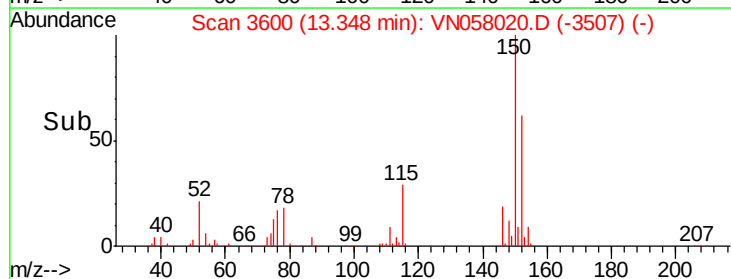
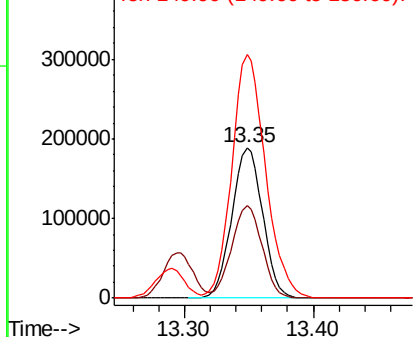
152 100

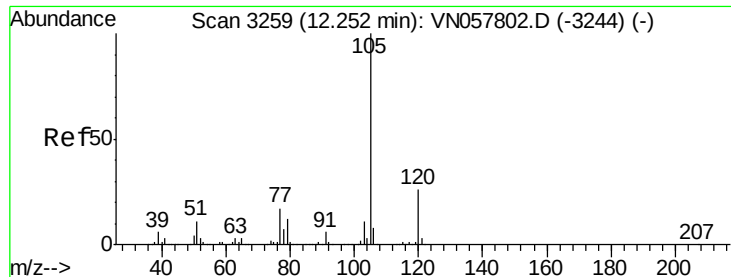
115 61.1 30.3 91.0

150 176.8 0.0 352.4



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: 52.887 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

Instrument :

MSVOA_N

ClientSampleId :

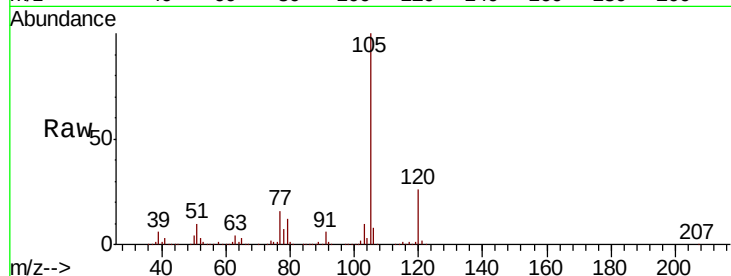
VSTDCCC050

Tgt Ion:105 Resp: 1283821

Ion Ratio Lower Upper

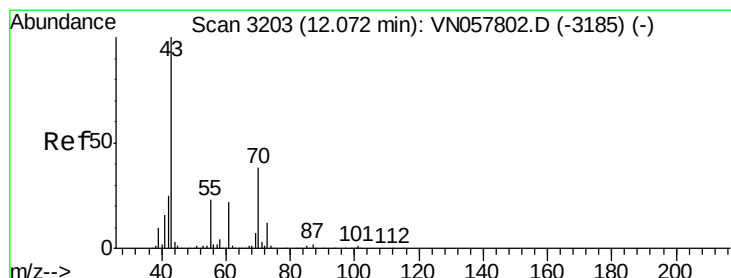
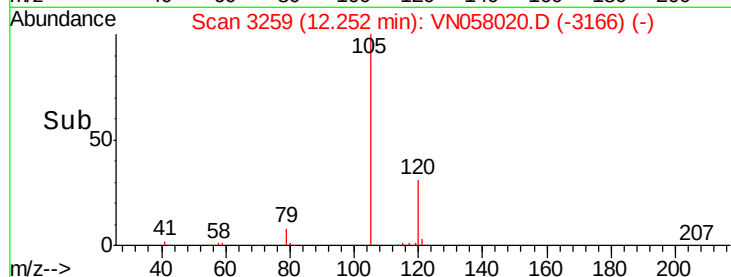
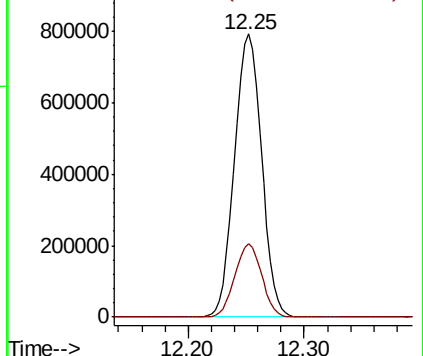
105 100

120 25.7 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.775 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

Tgt Ion: 43 Resp: 546972

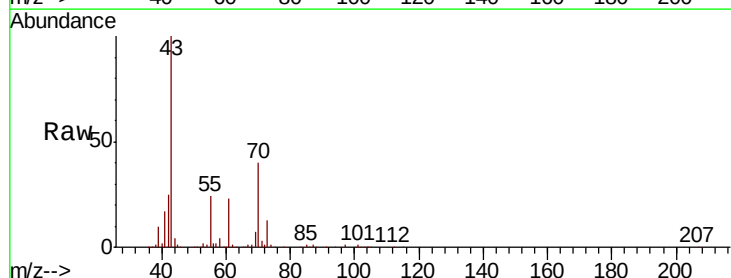
Ion Ratio Lower Upper

43 100

70 38.9 30.6 45.8

55 23.8 18.6 27.8

61 22.8 17.4 26.2

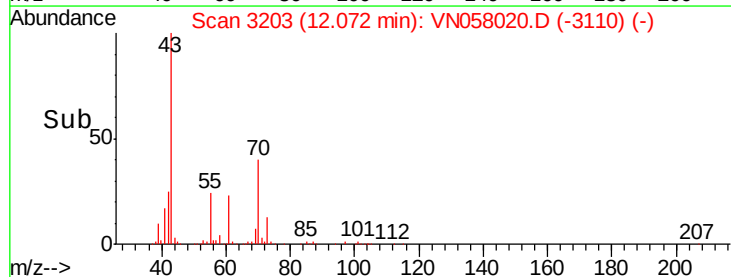
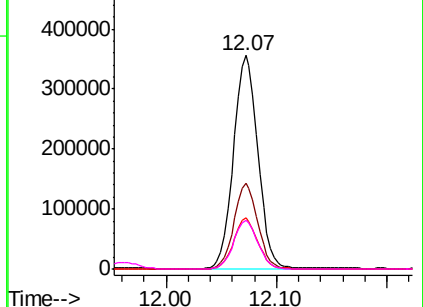


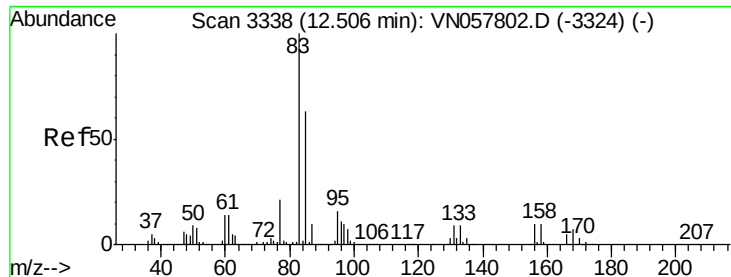
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 50.070 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

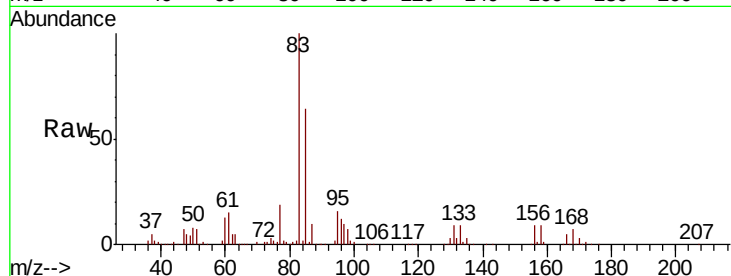
Tgt Ion: 83 Resp: 409240

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.3

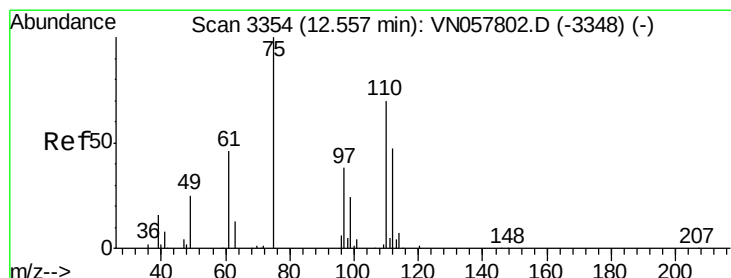
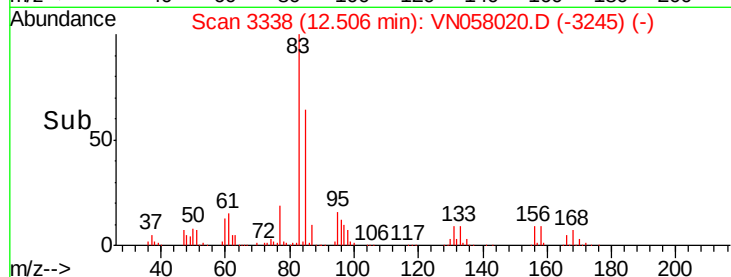
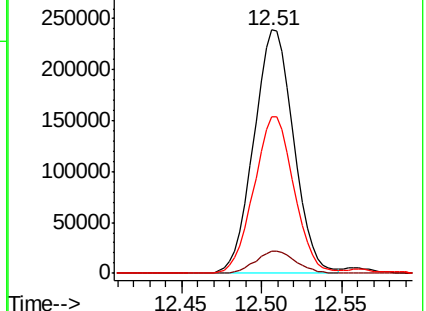
85 64.5 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VN058020.D (-3245) (-)

Ion 130.80 (130.50 to 131.50): VN058020.D (-3245) (-)

Ion 84.90 (84.60 to 85.60): VN058020.D (-3245) (-)



#76

1,2,3-Trichloropropane

Concen: 70.530 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN058020.D

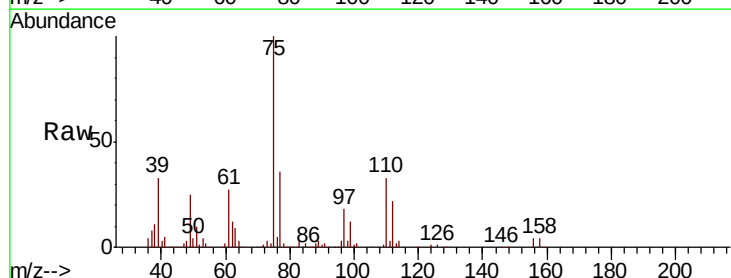
Acq: 13 Sep 2019 16:24

Tgt Ion: 75 Resp: 499129

Ion Ratio Lower Upper

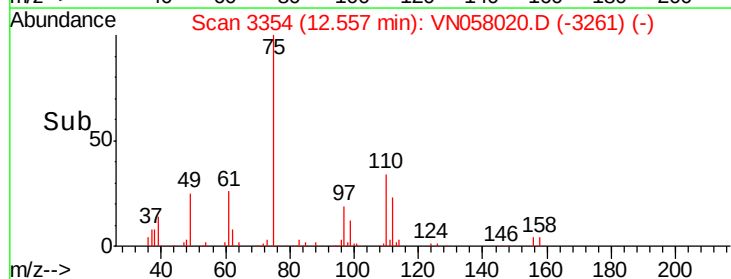
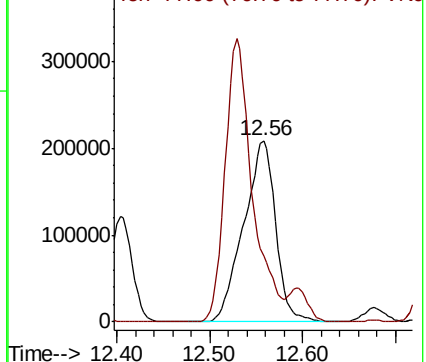
75 100

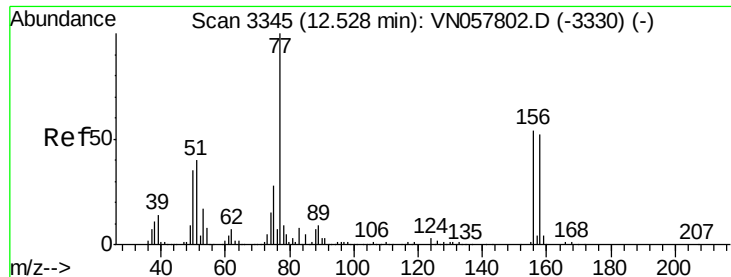
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN058020.D (-3261) (-)

Ion 77.00 (76.70 to 77.70): VN058020.D (-3261) (-)





#77

Bromobenzene

Concen: 48.645 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

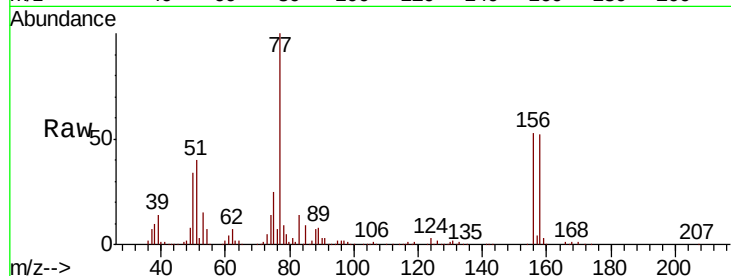
Tgt Ion:156 Resp: 294415

Ion Ratio Lower Upper

156 100

77 226.7 113.7 341.1

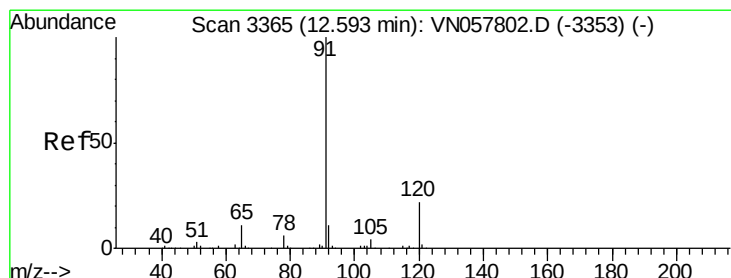
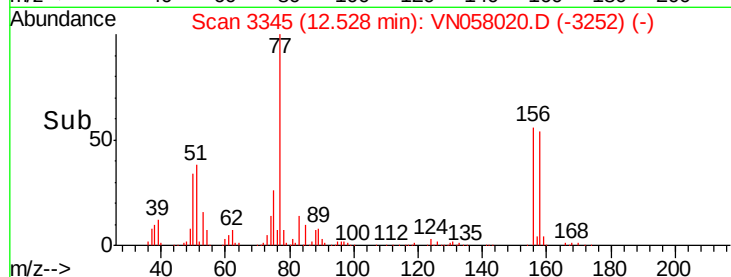
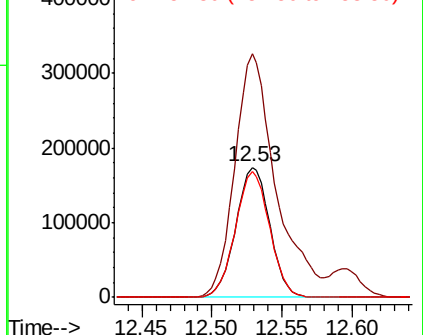
158 97.4 48.5 145.6



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: 54.091 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN058020.D

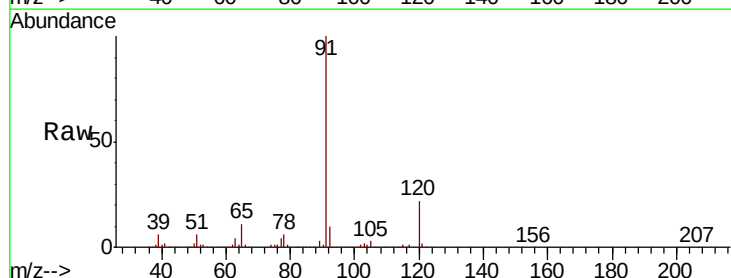
Acq: 13 Sep 2019 16:24

Tgt Ion: 91 Resp: 1507778

Ion Ratio Lower Upper

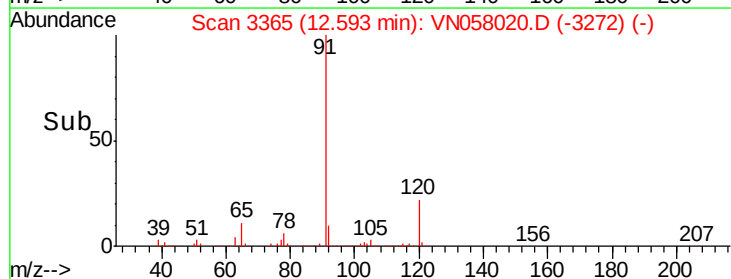
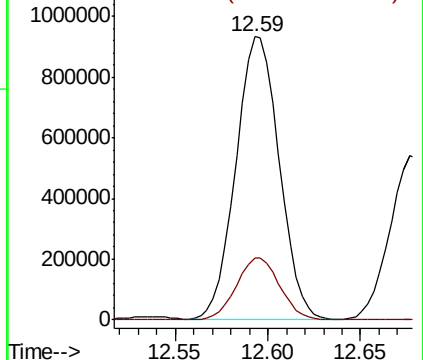
91 100

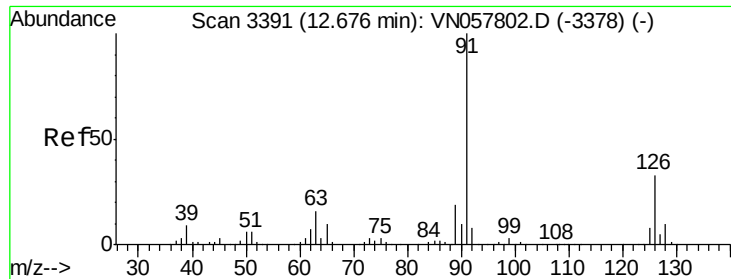
120 21.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

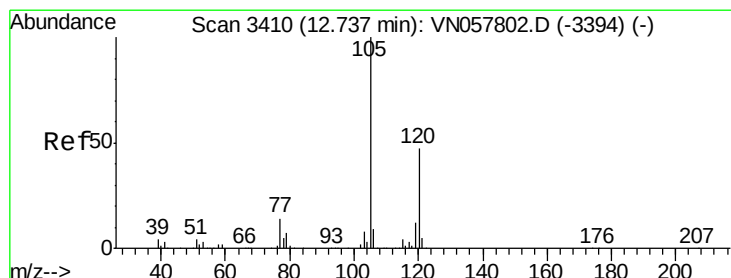
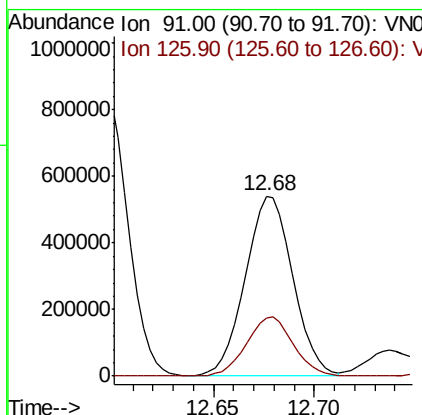
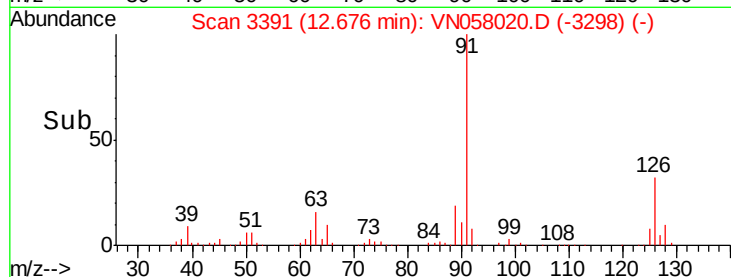
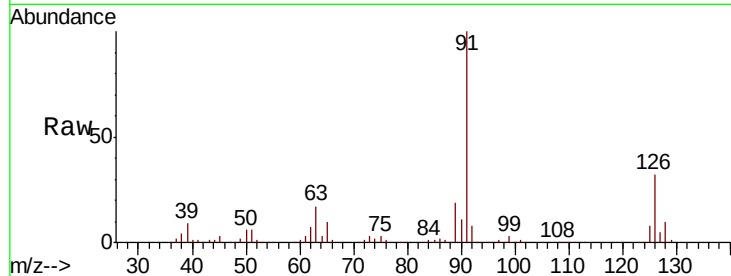




#79
 2-Chlorotoluene
 Concen: 50.346 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VN058020.D
 Acq: 13 Sep 2019 16:24

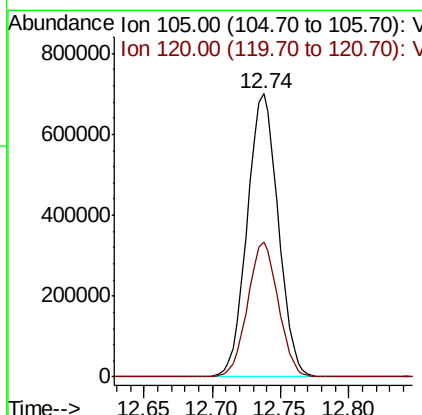
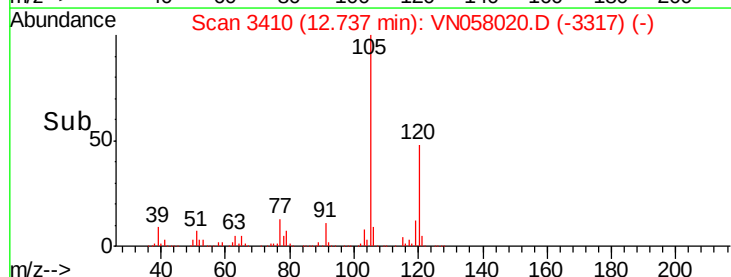
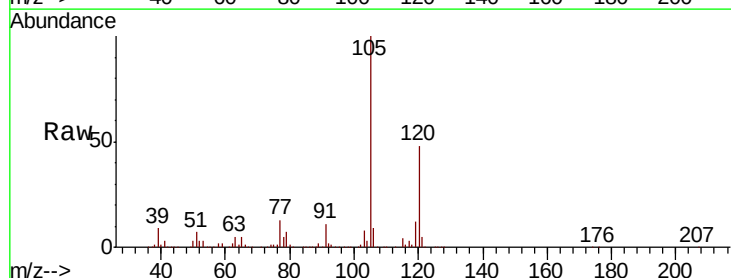
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

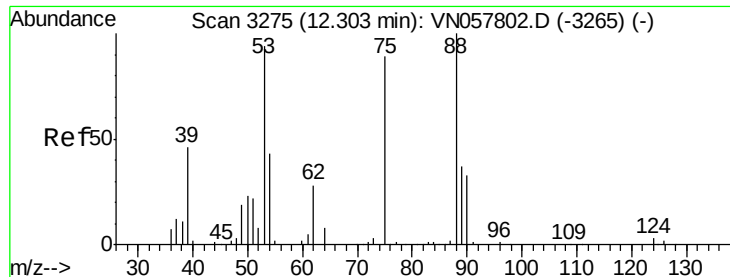
Tgt Ion: 91 Resp: 886987
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.4 49.2



#80
 1,3,5-Trimethylbenzene
 Concen: 53.819 ug/l
 RT: 12.74 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: VN058020.D
 Acq: 13 Sep 2019 16:24

Tgt Ion: 105 Resp: 1103863
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 51.692 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

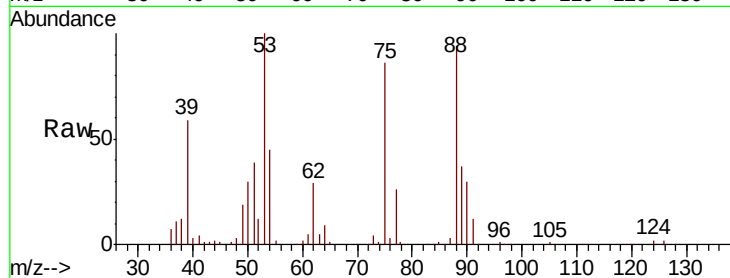
Tgt Ion: 75 Resp: 103955

Ion Ratio Lower Upper

75 100

53 118.5 88.4 132.6

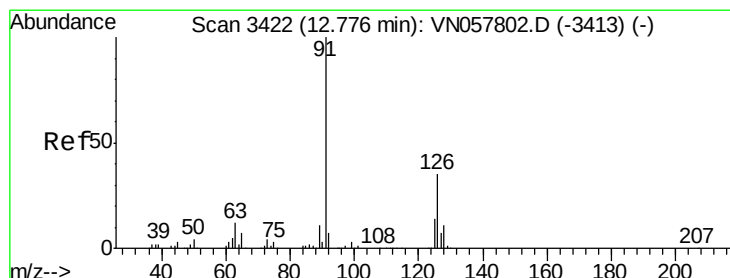
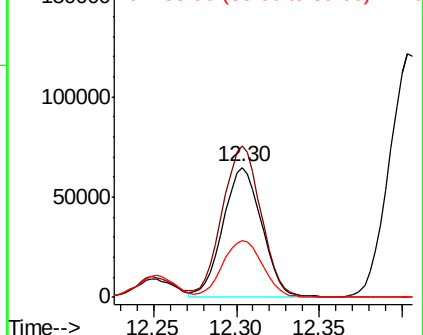
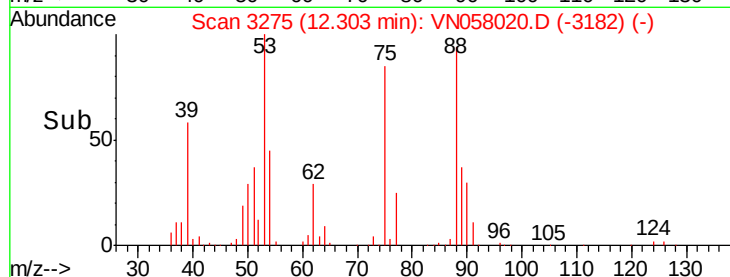
89 45.6 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 52.034 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN058020.D

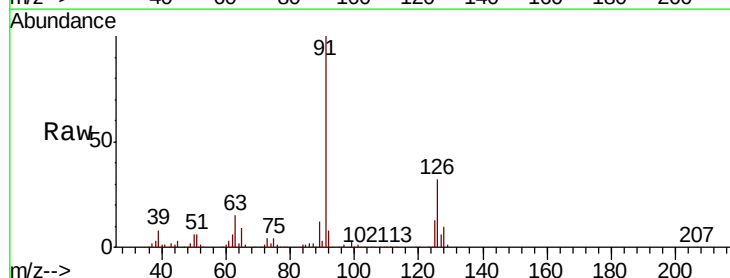
Acq: 13 Sep 2019 16:24

Tgt Ion: 91 Resp: 941407

Ion Ratio Lower Upper

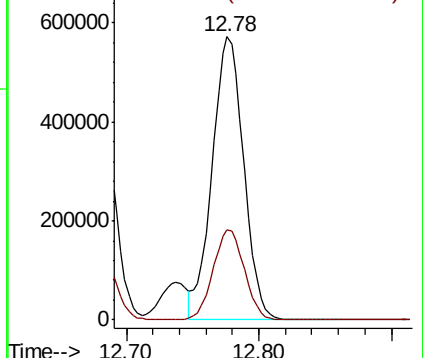
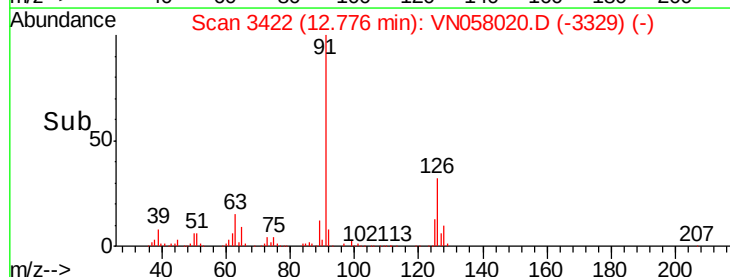
91 100

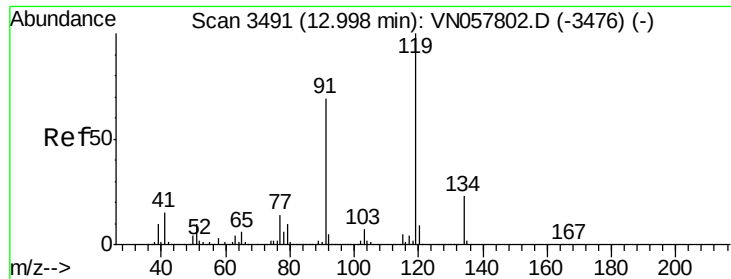
126 31.7 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

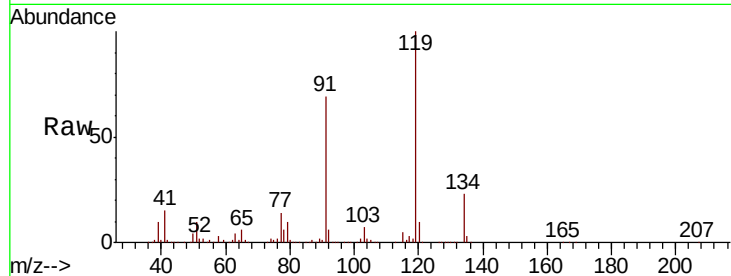




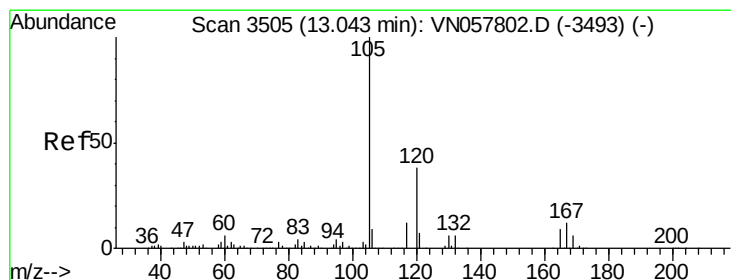
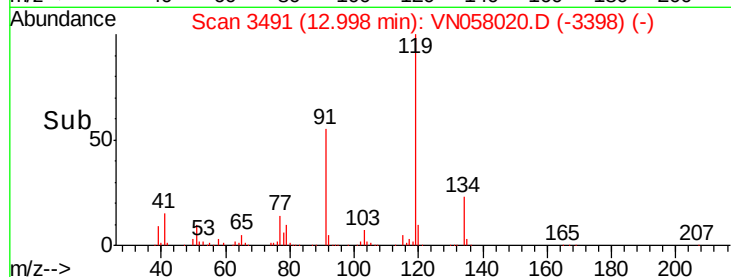
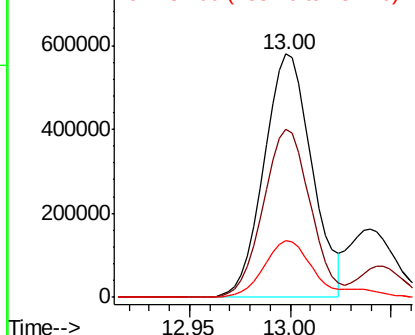
#83
 tert-Butylbenzene
 Concen: 52.422 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN058020.D
 Acq: 13 Sep 2019 16:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 955768
 Ion Ratio Lower Upper
 119 100
 91 68.1 33.6 100.8
 134 23.2 11.7 35.0

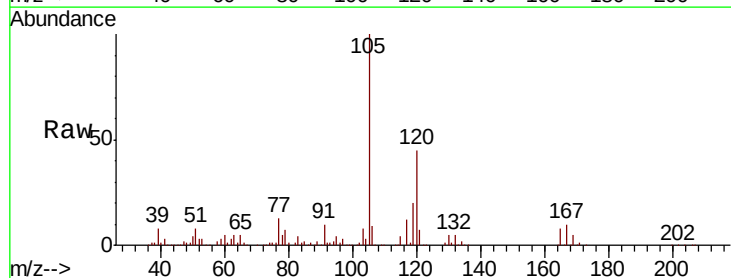


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

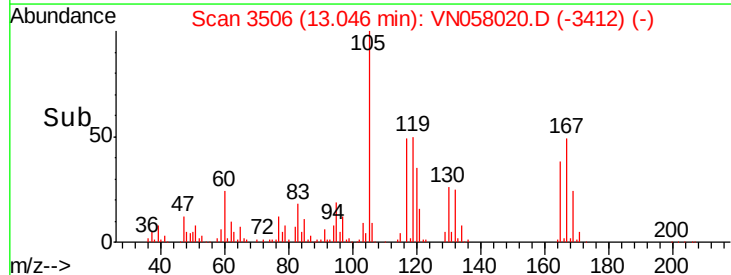
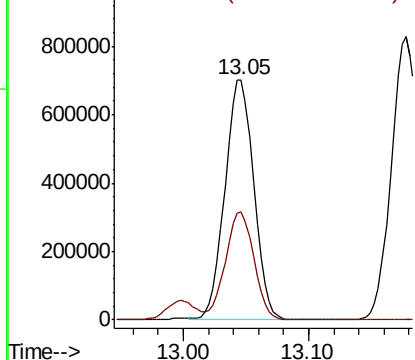


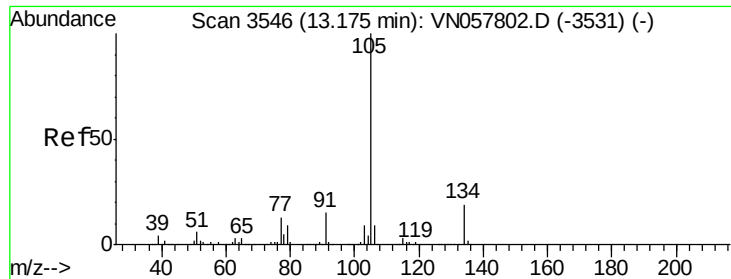
#84
 1,2,4-Trimethylbenzene
 Concen: 53.698 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN058020.D
 Acq: 13 Sep 2019 16:24

Tgt Ion:105 Resp: 1119401
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.4 67.2



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





#85

sec-Butylbenzene

Concen: 54.179 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

Instrument :

MSVOA_N

ClientSampleId :

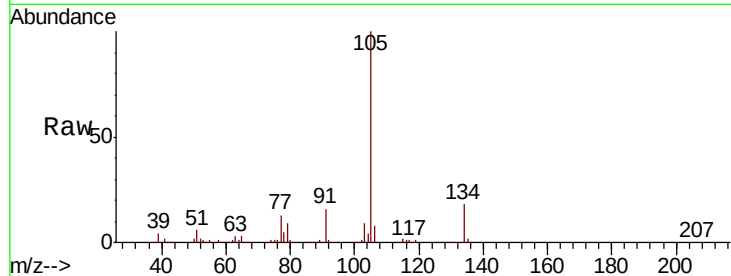
VSTDCCC050

Tgt Ion:105 Resp: 1309251

Ion Ratio Lower Upper

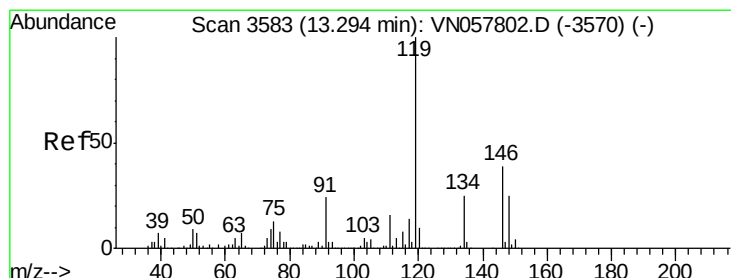
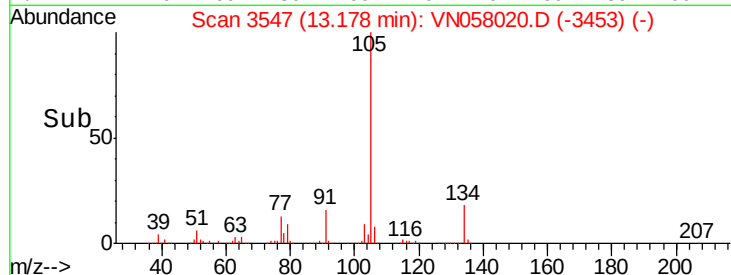
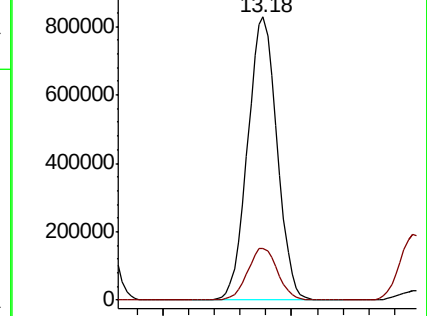
105 100

134 18.8 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.122 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

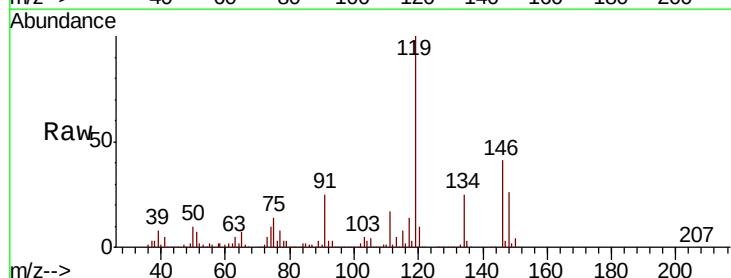
Tgt Ion:119 Resp: 1173670

Ion Ratio Lower Upper

119 100

134 25.4 12.5 37.5

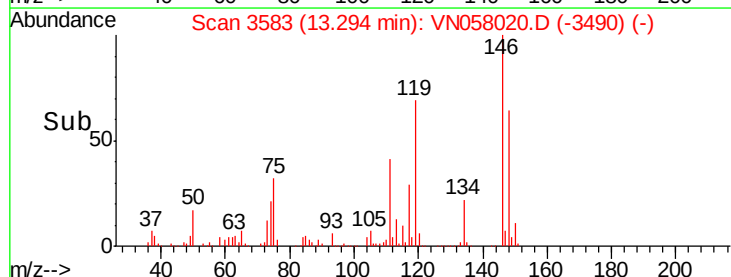
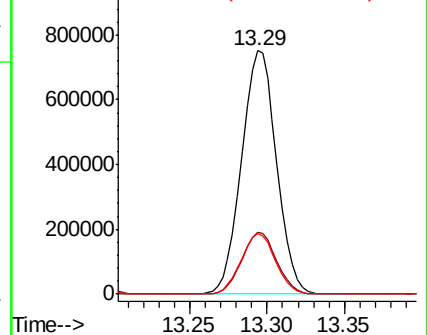
91 24.6 12.3 36.8

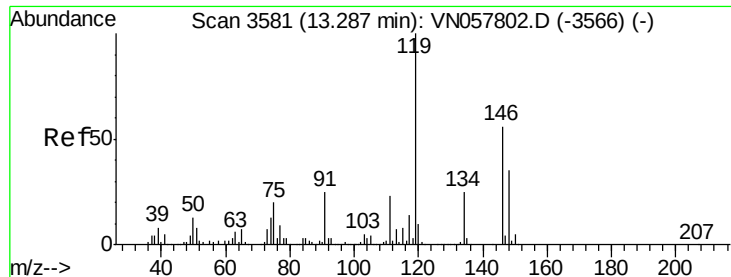


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

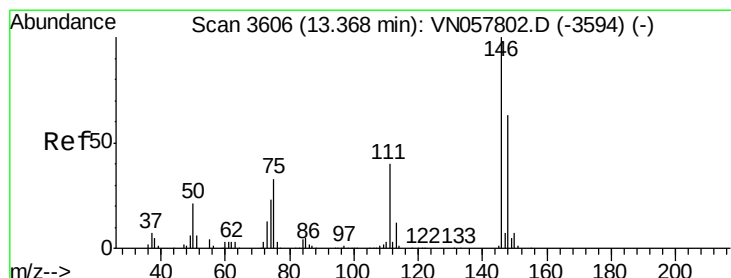
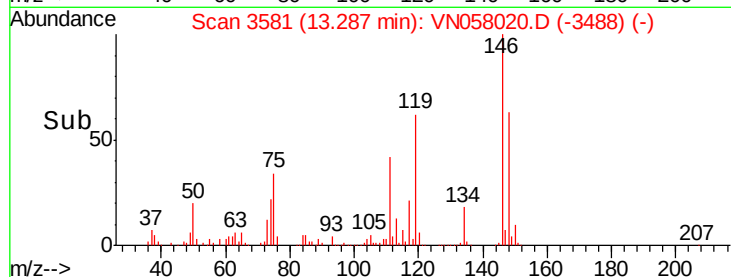
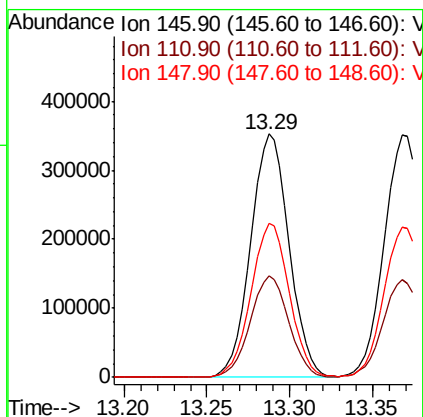
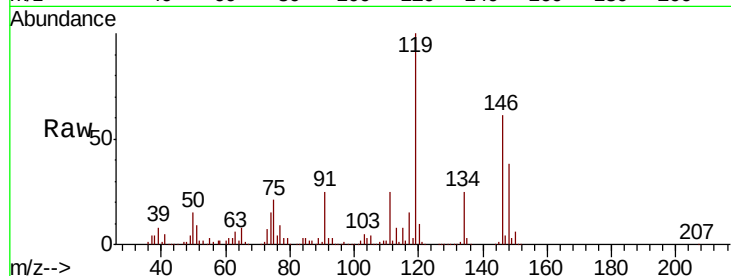




#87
 1,3-Dichlorobenzene
 Concen: 51.223 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN058020.D
 Acq: 13 Sep 2019 16:24

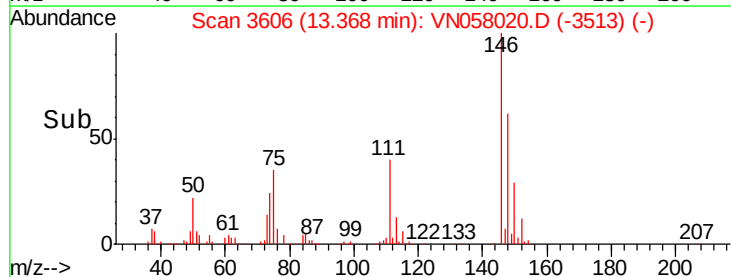
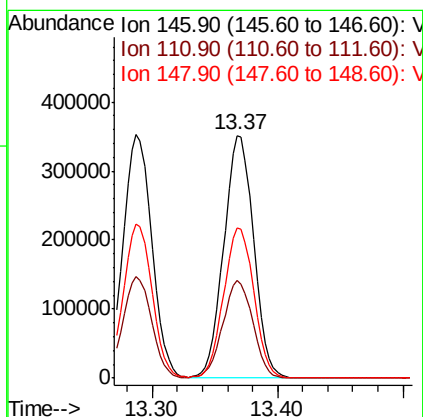
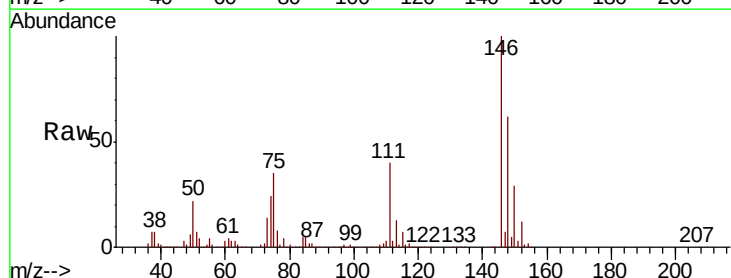
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

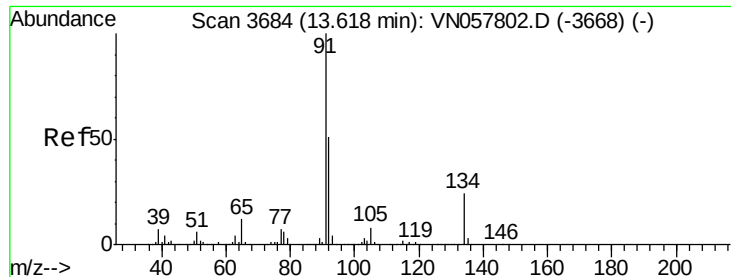
Tgt Ion:146 Resp: 569032
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.5 61.6
 148 63.2 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 51.339 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN058020.D
 Acq: 13 Sep 2019 16:24

Tgt Ion:146 Resp: 578908
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.4 61.2
 148 62.4 31.8 95.4





#89

n-Butylbenzene

Concen: 54.573 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

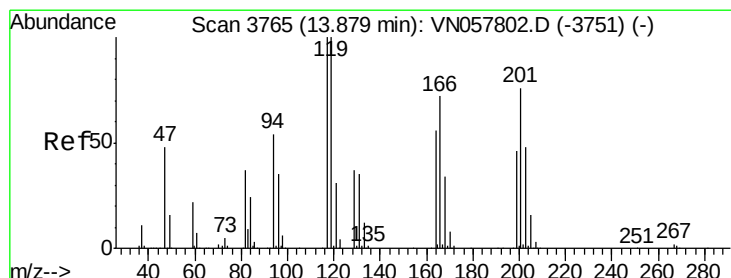
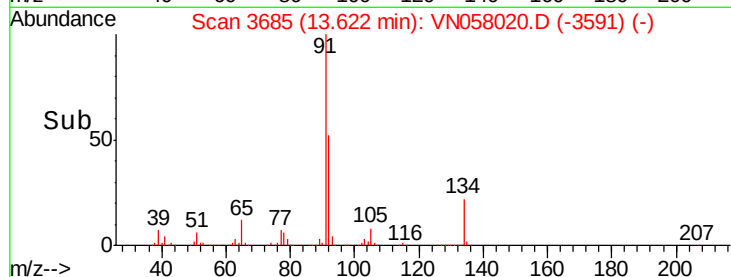
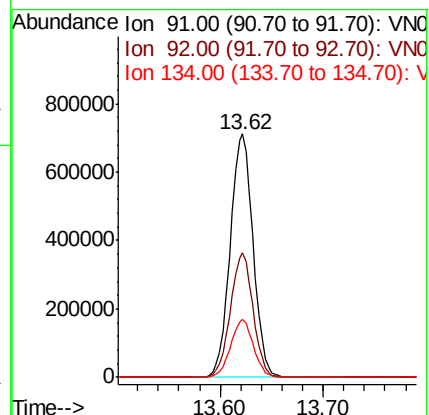
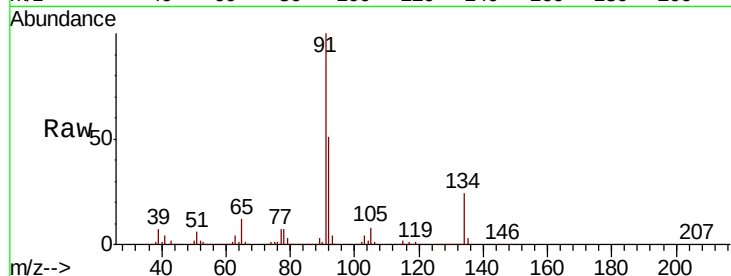
Tgt Ion: 91 Resp: 1097328

Ion Ratio Lower Upper

91 100

92 50.8 25.7 77.0

134 23.7 11.9 35.7



#90

Hexachloroethane

Concen: 53.797 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN058020.D

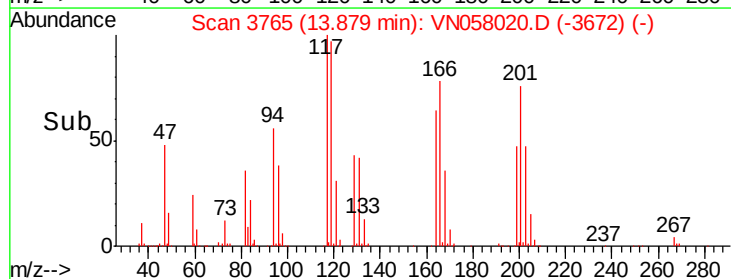
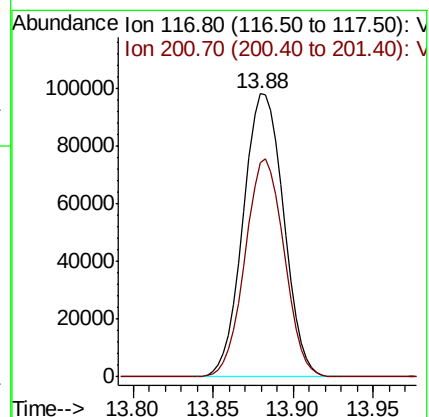
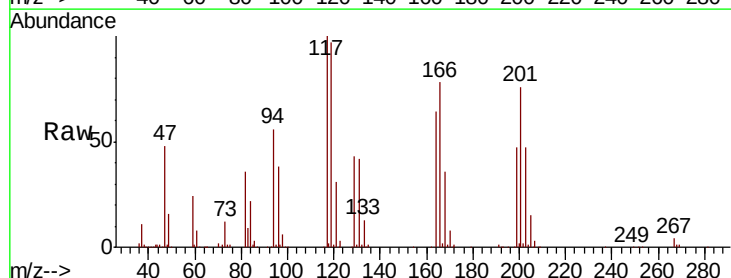
Acq: 13 Sep 2019 16:24

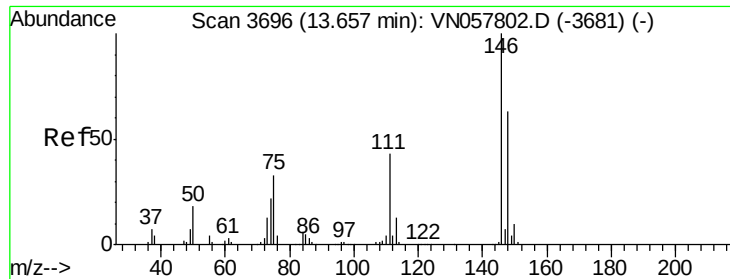
Tgt Ion: 117 Resp: 170352

Ion Ratio Lower Upper

117 100

201 74.5 37.5 112.7

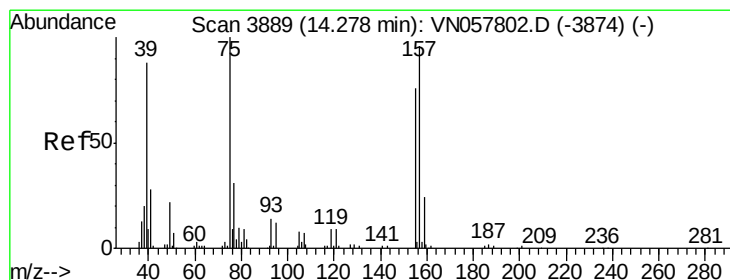
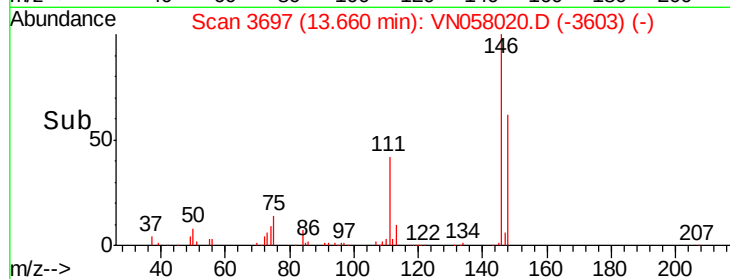
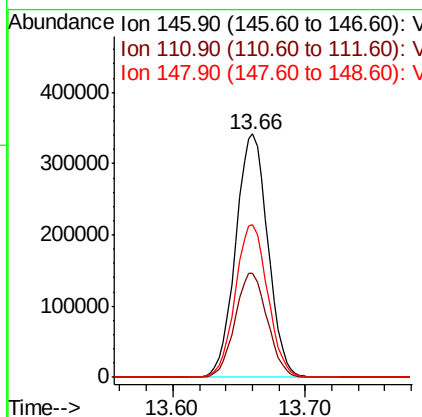
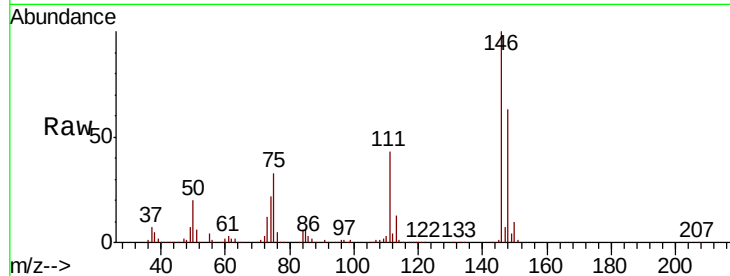




#91
 1,2-Dichlorobenzene
 Concen: 51.837 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN058020.D
 Acq: 13 Sep 2019 16:24

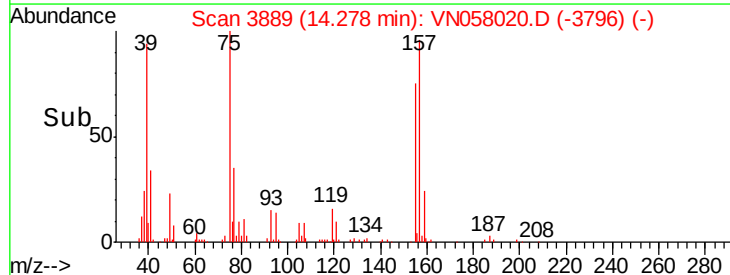
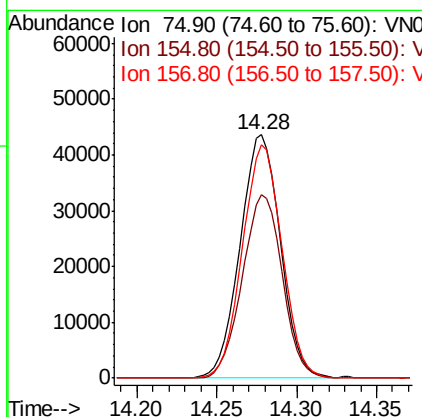
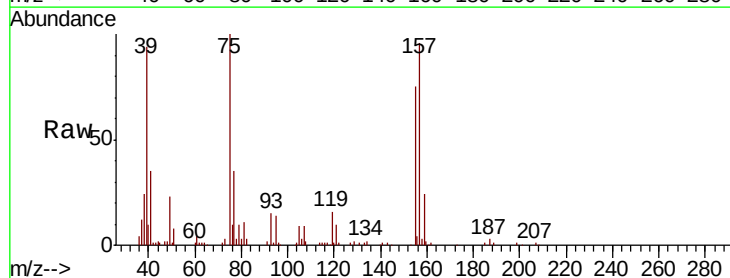
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

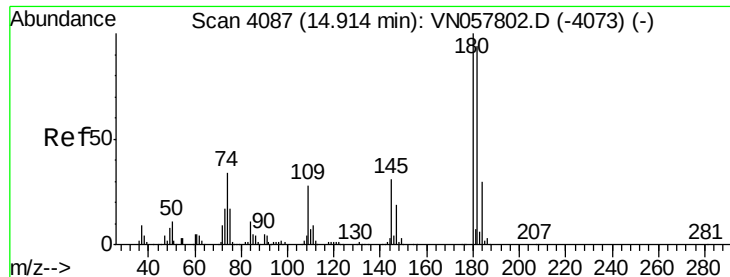
Tgt Ion: 146 Resp: 575296
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.3 63.9
 148 63.0 31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.579 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN058020.D
 Acq: 13 Sep 2019 16:24

Tgt Ion: 75 Resp: 75020
 Ion Ratio Lower Upper
 75 100
 155 74.8 37.3 111.8
 157 94.2 47.9 143.8

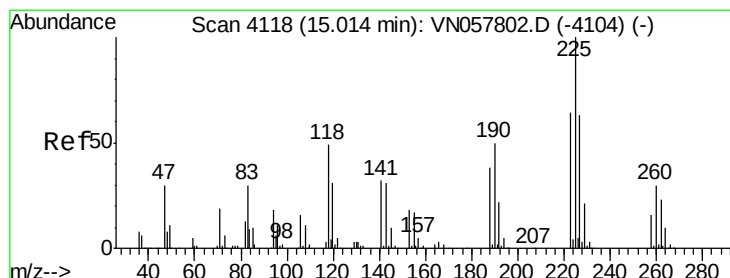
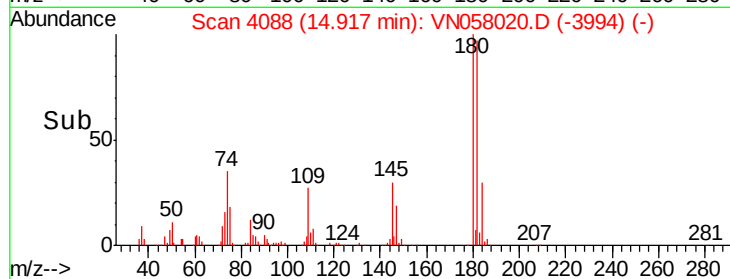
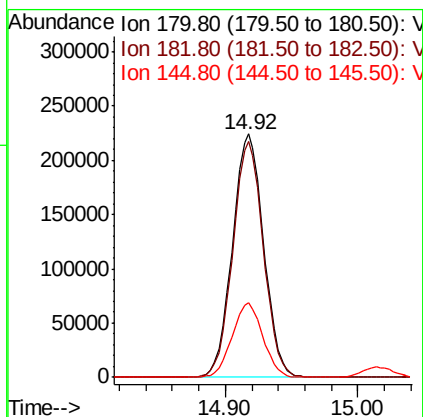
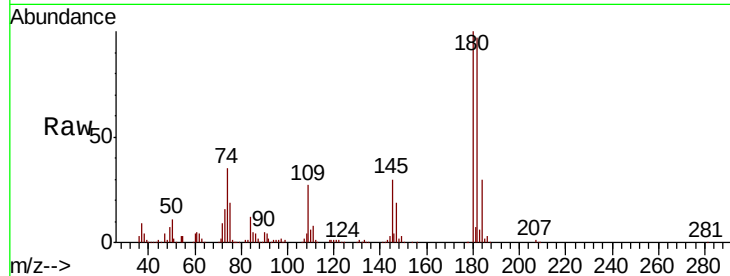




#93
 1,2,4-Trichlorobenzene
 Concen: 50.281 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN058020.D
 Acq: 13 Sep 2019 16:24

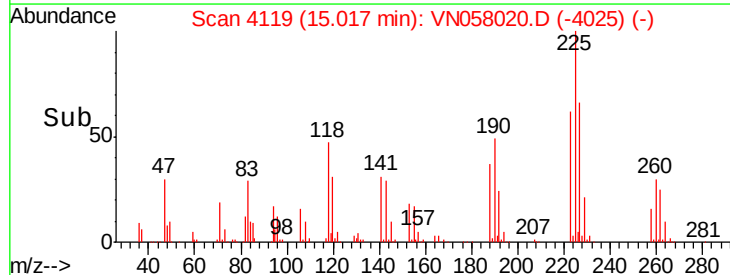
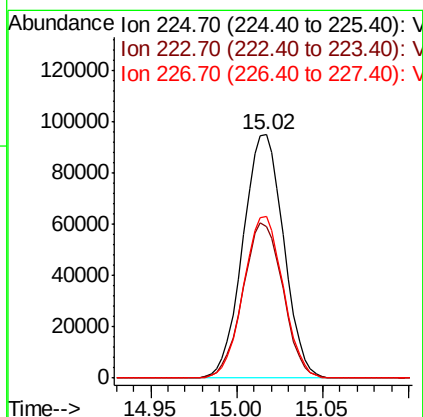
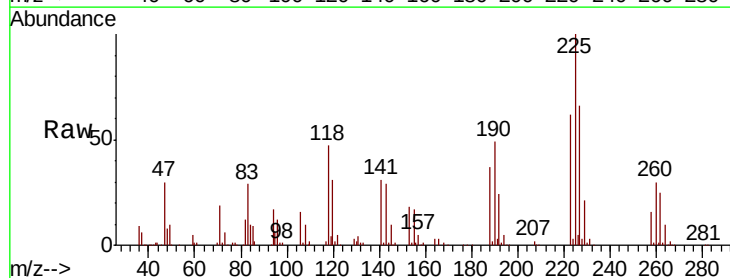
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

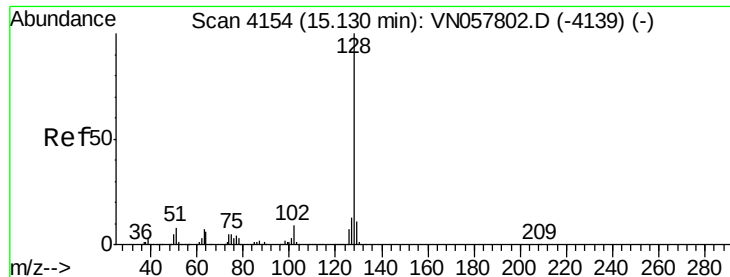
Tgt Ion:180 Resp: 364744
 Ion Ratio Lower Upper
 180 100
 182 95.2 46.9 140.8
 145 30.3 14.9 44.7



#94
 Hexachlorobutadiene
 Concen: 50.534 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN058020.D
 Acq: 13 Sep 2019 16:24

Tgt Ion:225 Resp: 155392
 Ion Ratio Lower Upper
 225 100
 223 62.8 32.4 97.2
 227 64.7 31.8 95.4





#95

Naphthalene

Concen: 55.269 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

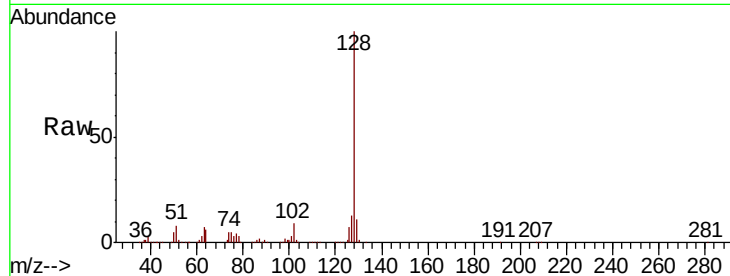
Tgt Ion:128 Resp: 1009122

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.6 8.6 12.8

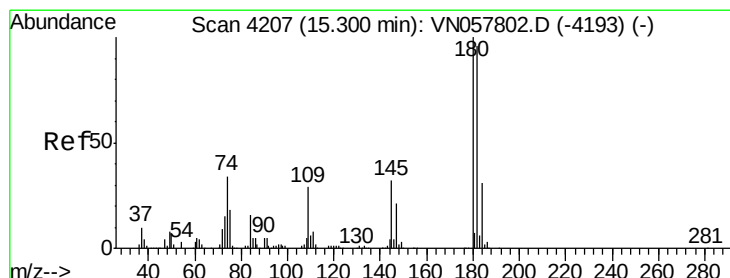
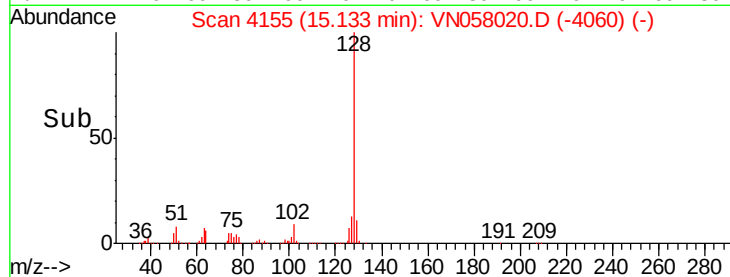
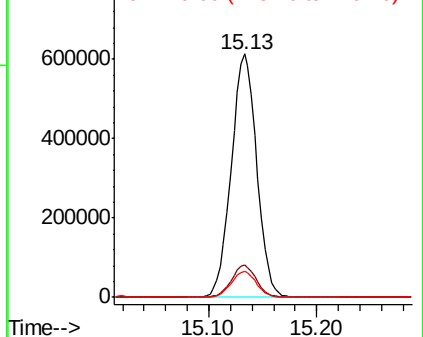


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.991 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN058020.D

Acq: 13 Sep 2019 16:24

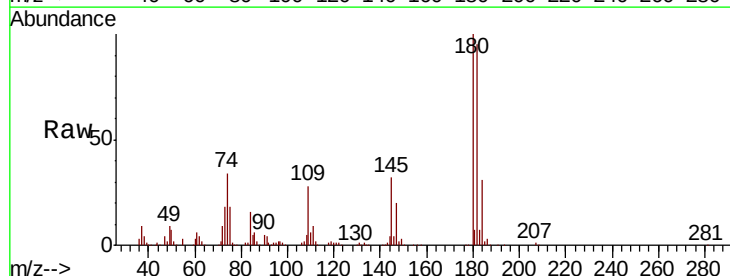
Tgt Ion:180 Resp: 342434

Ion Ratio Lower Upper

180 100

182 95.0 48.3 144.8

145 31.9 16.3 48.8



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

