

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
 Data File : VN057511.D
 Acq On : 26 Aug 2019 14:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 27 07:14:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	343037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	634123	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	572518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	221291	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	317614	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
35) Dibromofluoromethane	7.57	113	209998	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
50) Toluene-d8	10.08	98	854468	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
62) 4-Bromofluorobenzene	12.40	95	290259	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.84	85	186403	46.048	ug/l	96
3) Chloromethane	2.05	50	251115	43.433	ug/l	100
4) Vinyl Chloride	2.17	62	326090	46.338	ug/l	96
5) Bromomethane	2.55	94	196442	45.297	ug/l	97
6) Chloroethane	2.69	64	208889	46.147	ug/l	96
7) Trichlorofluoromethane	3.00	101	505874	46.311	ug/l	98
8) Diethyl Ether	3.39	74	185551	50.521	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	278955	51.031	ug/l	99
10) Methyl Iodide	3.92	142	200267	44.899	ug/l	99
11) Tert butyl alcohol	4.78	59	161094	214.860	ug/l	96
12) 1,1-Dichloroethene	3.71	96	267885	45.879	ug/l	98
13) Acrolein	3.58	56	215106	326.275	ug/l	100
14) Allyl chloride	4.29	41	352103	45.531	ug/l	96
15) Acrylonitrile	4.97	53	461773	228.379	ug/l	100
16) Acetone	3.79	43	600110	216.548	ug/l	94
17) Carbon Disulfide	4.02	76	442704	39.747	ug/l	100
18) Methyl Acetate	4.30	43	287045	47.958	ug/l	99
19) Methyl tert-butyl Ether	5.03	73	605287	42.944	ug/l	100
20) Methylene Chloride	4.52	84	193791	47.161	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	177978	43.195	ug/l	99
22) Diisopropyl ether	5.93	45	780845	47.134	ug/l	96
23) Vinyl Acetate	5.87	43	2974457	229.874	ug/l	100
24) 1,1-Dichloroethane	5.82	63	402714	45.869	ug/l	99
25) 2-Butanone	6.82	43	710844	236.222	ug/l	100
26) 2,2-Dichloropropane	6.80	77	345833	45.486	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	221055	45.259	ug/l	99
28) Bromochloromethane	7.18	49	218733	46.263	ug/l	96
29) Tetrahydrofuran	7.20	42	460751	232.202	ug/l	99
30) Chloroform	7.36	83	401054	49.237	ug/l	99
31) Cyclohexane	7.63	56	386682	45.617	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	341113	45.293	ug/l	99
36) 1,1-Dichloropropene	7.78	75	297432	45.904	ug/l	100
37) Ethyl Acetate	6.91	43	293888	45.901	ug/l	99
38) Carbon Tetrachloride	7.76	117	274346	42.620	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	370167	48.103	ug/l	96
40) Benzene	8.03	78	898371	46.194	ug/l	100
41) Methacrylonitrile	7.16	41	151261	49.545	ug/l	90
42) 1,2-Dichloroethane	8.11	62	345227	46.104	ug/l	100
43) Isopropyl Acetate	8.16	43	519335	44.237	ug/l	99
44) Trichloroethene	8.82	130	201197	46.346	ug/l	99
45) 1,2-Dichloropropane	9.11	63	255318	46.616	ug/l	100
46) Dibromomethane	9.20	93	154978	48.278	ug/l	99
47) Bromodichloromethane	9.39	83	323133	44.720	ug/l	98
48) Methyl methacrylate	9.19	41	258730	46.346	ug/l	97
49) 1,4-Dioxane	9.19	88	61623	853.615	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	1509300	230.679	ug/l	99
52) Toluene	10.15	92	543228	48.464	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	349115	46.126	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	377908	44.845	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	210809	46.507	ug/l	99
56) Ethyl methacrylate	10.43	69	339636	47.632	ug/l	99
57) 1,3-Dichloropropane	10.70	76	381214	48.322	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	556962	278.382	ug/l	98
59) 2-Hexanone	10.75	43	1078673	240.366	ug/l	100
60) Dibromochloromethane	10.90	129	214764	44.834	ug/l	98
61) 1,2-Dibromoethane	11.00	107	212321	47.757	ug/l	98
64) Tetrachloroethene	10.63	164	183296	45.762	ug/l	96
65) Chlorobenzene	11.43	112	538764	46.553	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	198300	44.677	ug/l	98
67) Ethyl Benzene	11.51	91	1057935	47.227	ug/l	98
68) m/p-Xylenes	11.62	106	740309	97.177	ug/l	100
69) o-Xylene	11.95	106	356894	47.292	ug/l	98
70) Styrene	11.96	104	600533	50.255	ug/l	99
71) Bromoform	12.13	173	130499	43.494	ug/l #	98
73) Isopropylbenzene	12.25	105	987913	50.335	ug/l	99
74) N-amyl acetate	12.07	43	438354	47.224	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	286809	50.784	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	370262	77.660	ug/l #	100
77) Bromobenzene	12.53	156	202245	49.800	ug/l	100
78) n-propylbenzene	12.59	91	1133685	50.380	ug/l	99
79) 2-Chlorotoluene	12.67	91	659192	49.923	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	820703	50.926	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	89991	44.790	ug/l	95
82) 4-Chlorotoluene	12.77	91	660421	50.106	ug/l	99
83) tert-Butylbenzene	12.99	119	687401	51.048	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	792339	46.056	ug/l	99
85) sec-Butylbenzene	13.17	105	921694	50.427	ug/l	100
86) p-Isopropyltoluene	13.29	119	781415	45.176	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	326664	45.701	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	316999	45.285	ug/l	99
89) n-Butylbenzene	13.62	91	709008	48.437	ug/l	99
90) Hexachloroethane	13.88	117	153772	47.331	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	323702	47.439	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	47110	44.487	ug/l	95

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Quant Title : SW846 8260
QLast Update : Fri Aug 23 05:07:29 2019
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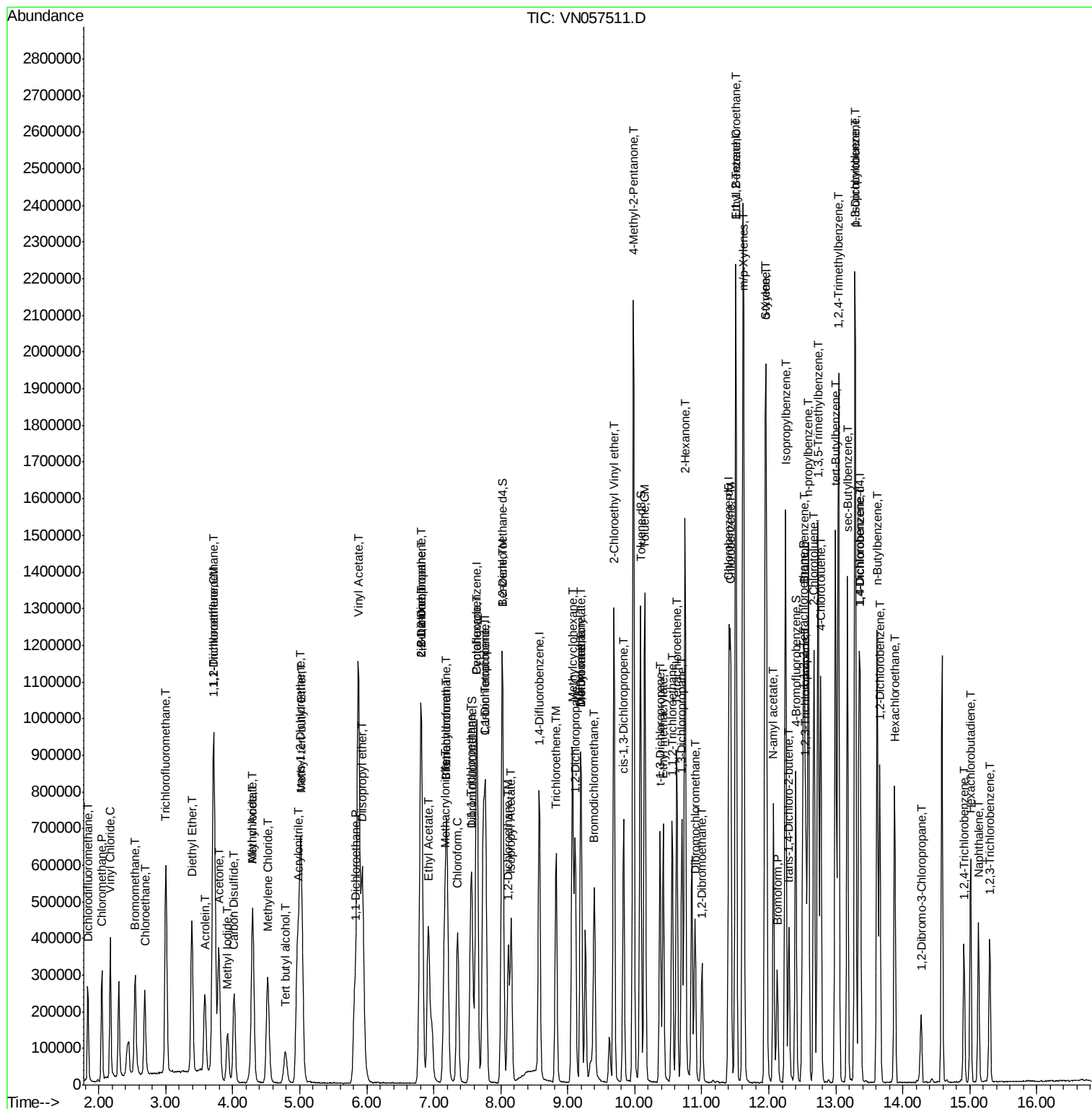
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	104381	39.117	ug/l	100
94) Hexachlorobutadiene	15.01	225	92342	53.340	ug/l	98
95) Naphthalene	15.13	128	330703	38.644	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	105026	39.292	ug/l	99

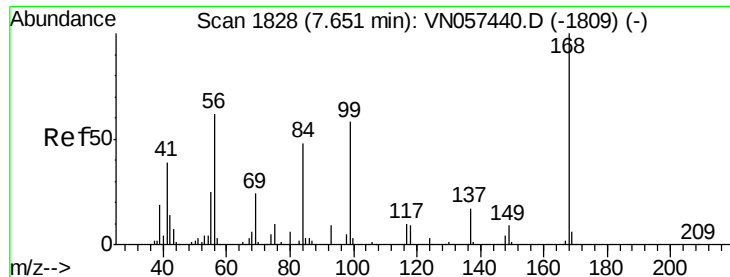
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057511.D

Acq: 26 Aug 2019 14:59

Instrument :

MSVOA_N

ClientSampleId :

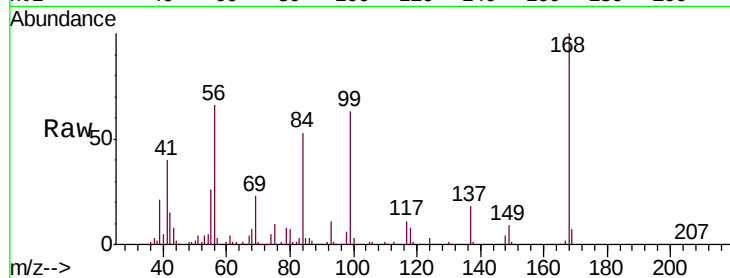
VSTDCCC050EC

Tgt Ion:168 Resp: 343037

Ion Ratio Lower Upper

168 100

99 62.6 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

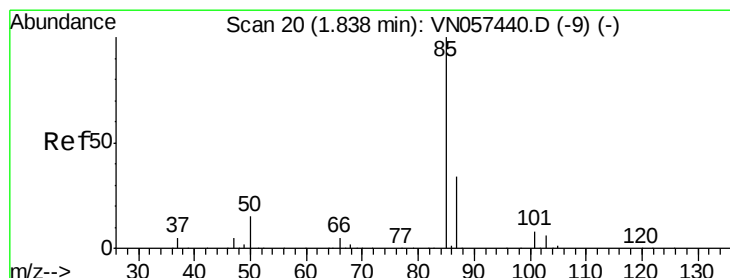
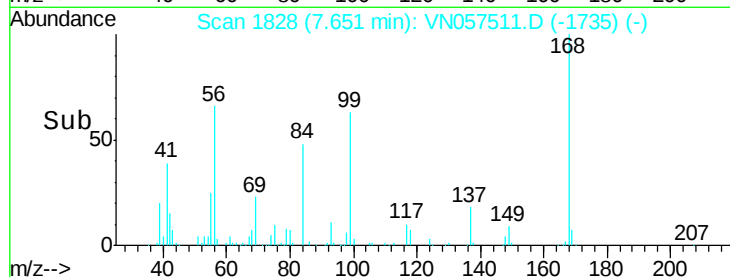
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 46.048 ug/l

RT: 1.84 min Scan# 20

Delta R.T. -0.00 min

Lab File: VN057511.D

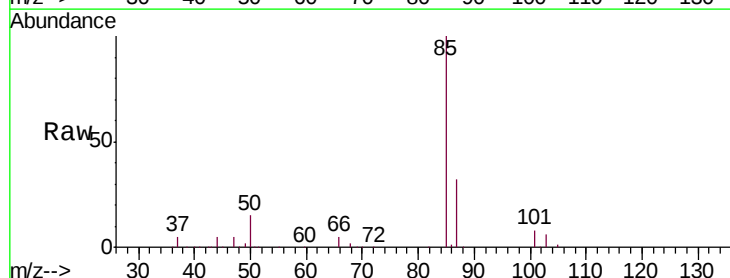
Acq: 26 Aug 2019 14:59

Tgt Ion: 85 Resp: 186403

Ion Ratio Lower Upper

85 100

87 31.7 17.1 51.2



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.84

150000

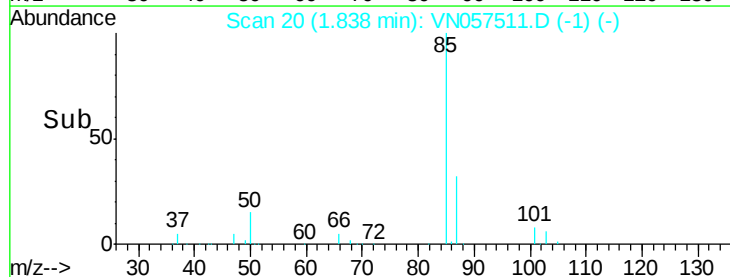
100000

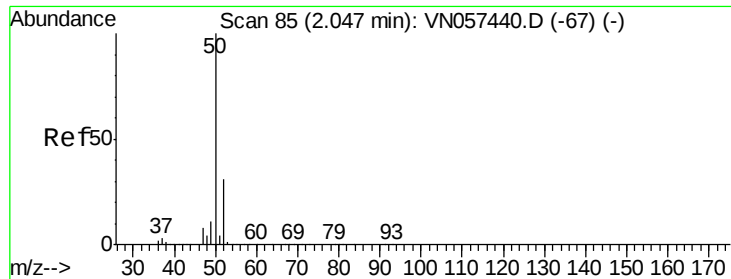
50000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 43.433 ug/l

RT: 2.05 min Scan# 85

Delta R.T. -0.00 min

Lab File: VN057511.D

Acq: 26 Aug 2019 14:59

Instrument :

MSVOA_N

ClientSampleId :

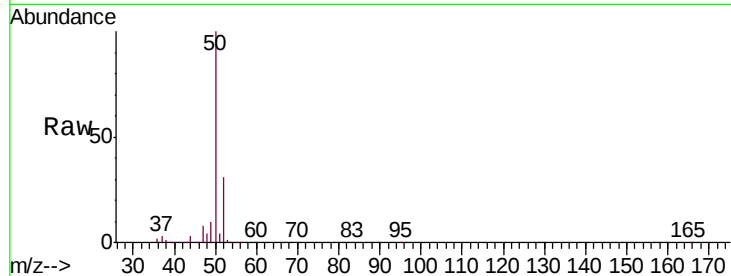
VSTDCCC050EC

Tgt Ion: 50 Resp: 251115

Ion Ratio Lower Upper

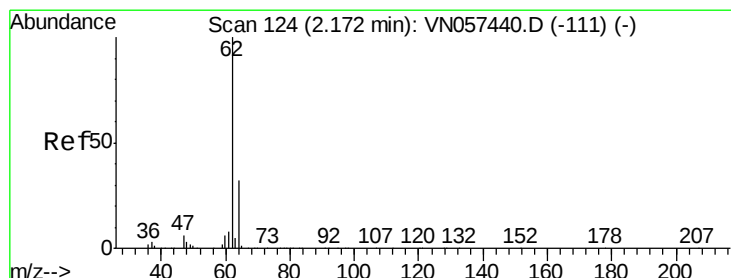
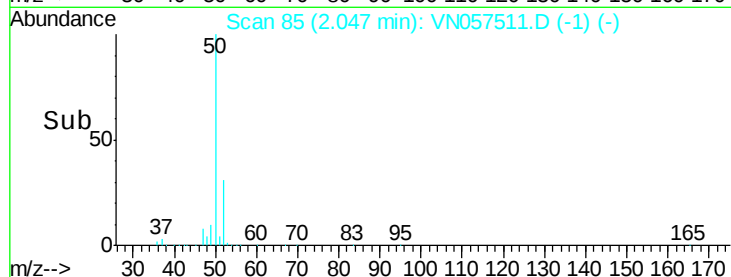
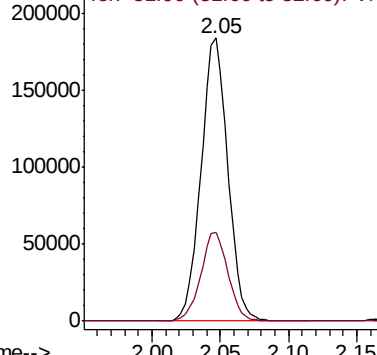
50 100

52 31.3 25.1 37.7



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 46.338 ug/l

RT: 2.17 min Scan# 124

Delta R.T. -0.00 min

Lab File: VN057511.D

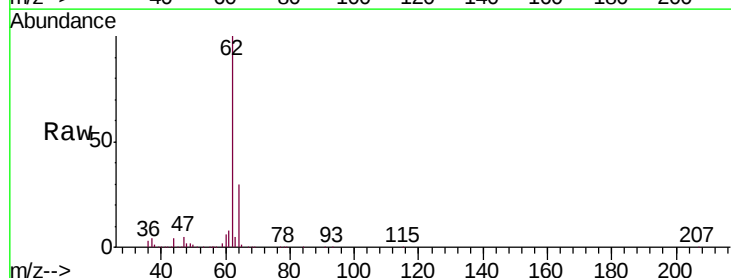
Acq: 26 Aug 2019 14:59

Tgt Ion: 62 Resp: 326090

Ion Ratio Lower Upper

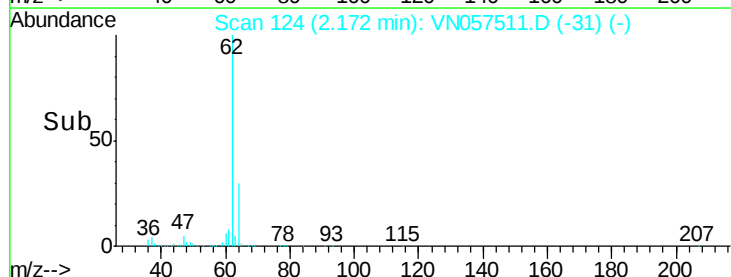
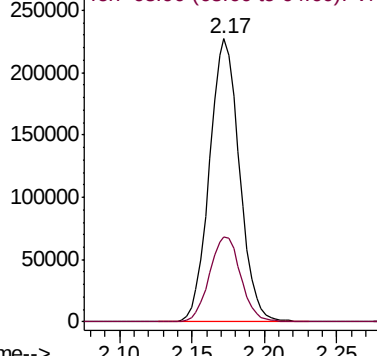
62 100

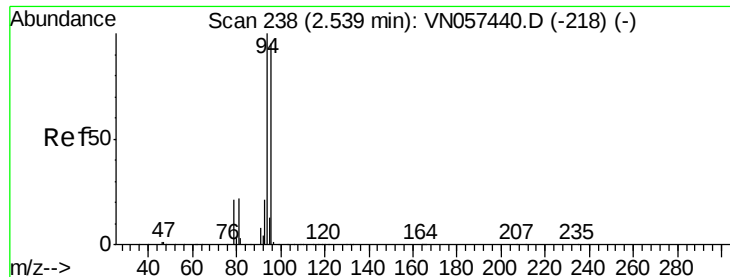
64 30.0 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 45.297 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN057511.D

Acq: 26 Aug 2019 14:59

Instrument :

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ClientSampleId :

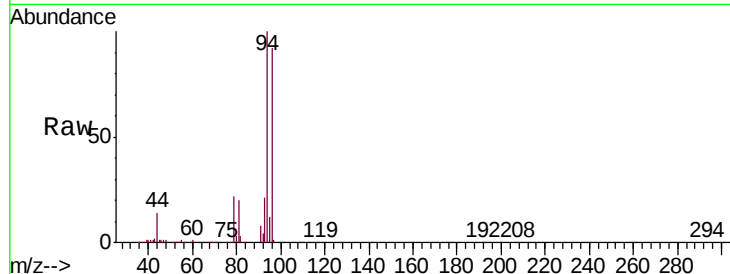
VSTDCCC050EC

Tgt Ion: 94 Resp: 196442

Ion Ratio Lower Upper

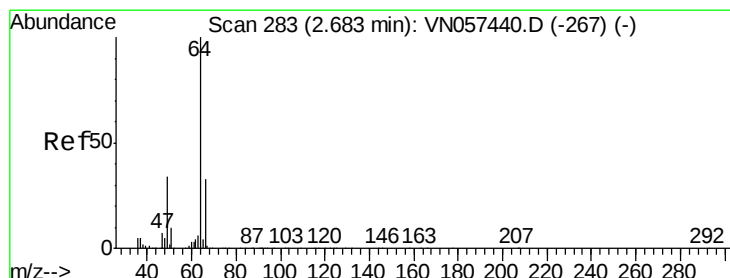
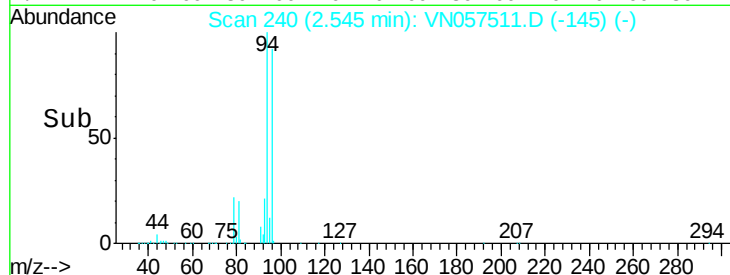
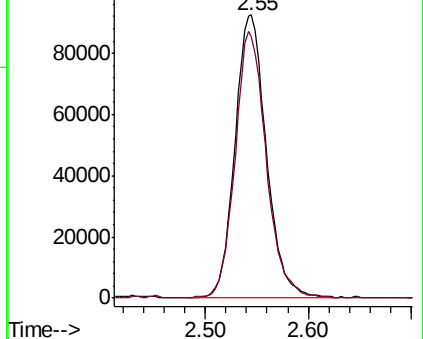
94 100

96 92.2 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 46.147 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN057511.D

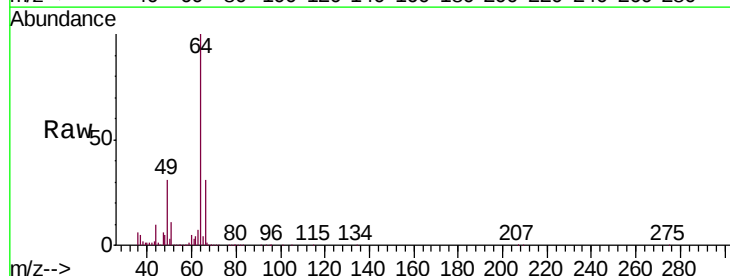
Acq: 26 Aug 2019 14:59

Tgt Ion: 64 Resp: 208889

Ion Ratio Lower Upper

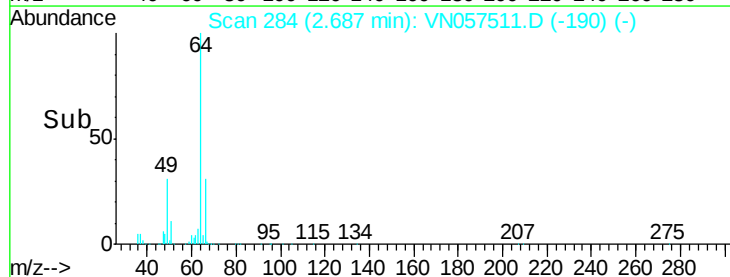
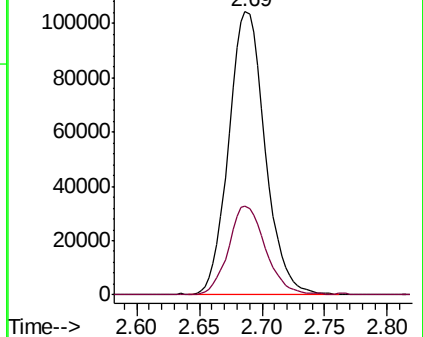
64 100

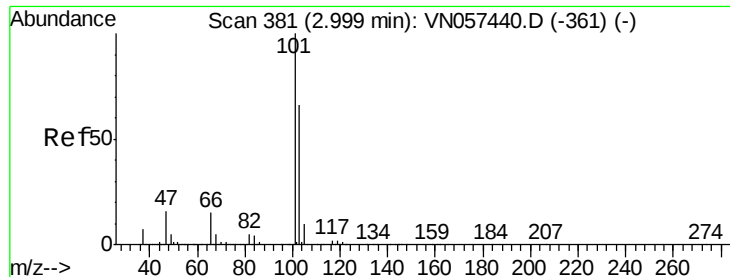
66 31.3 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO



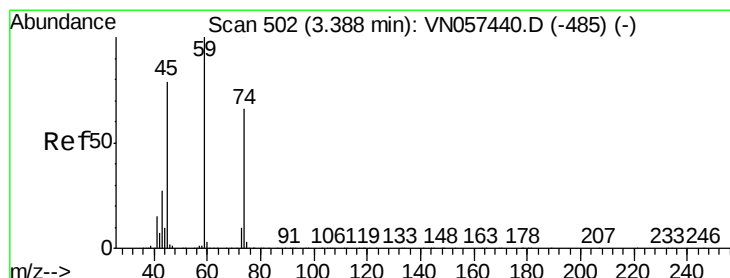
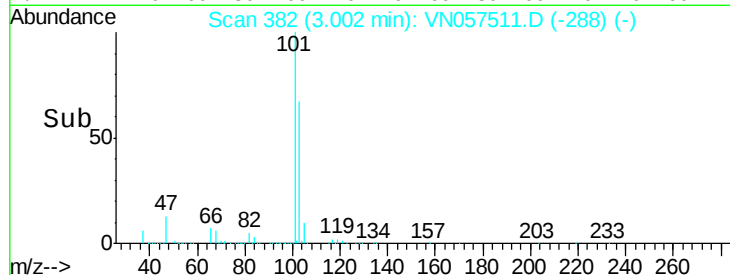
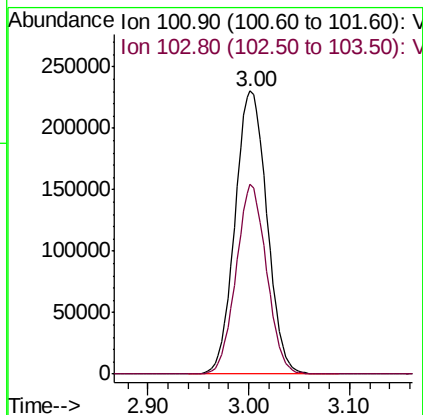
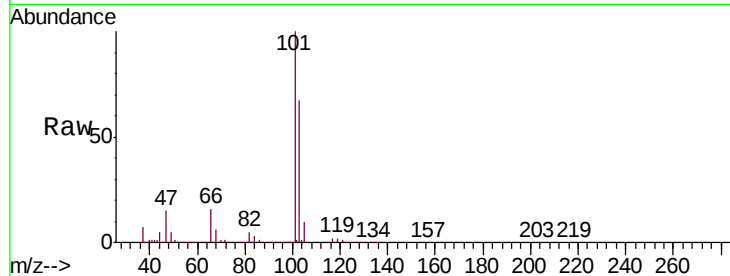


#7

Trichlorofluoromethane
Concen: 46.311 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN057511.D
Acq: 26 Aug 2019 14:59

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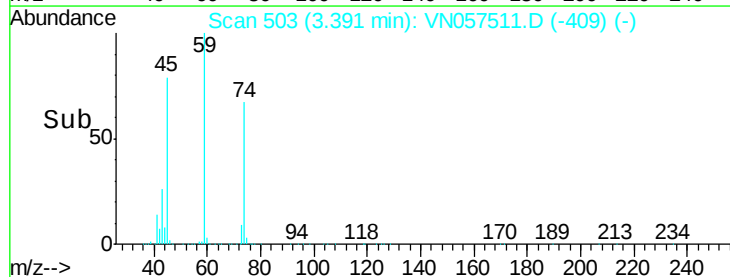
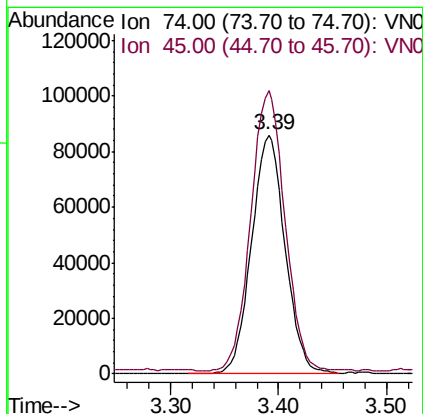
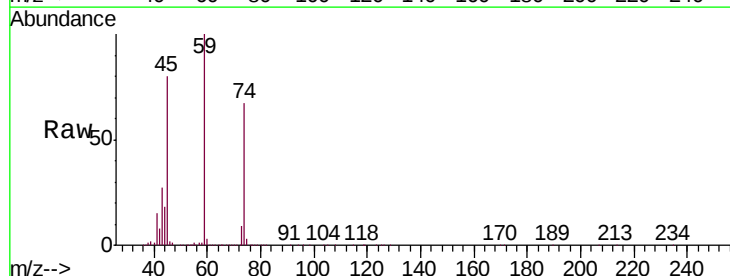
Tgt Ion:101 Resp: 505874
Ion Ratio Lower Upper
101 100
103 67.0 52.6 78.8

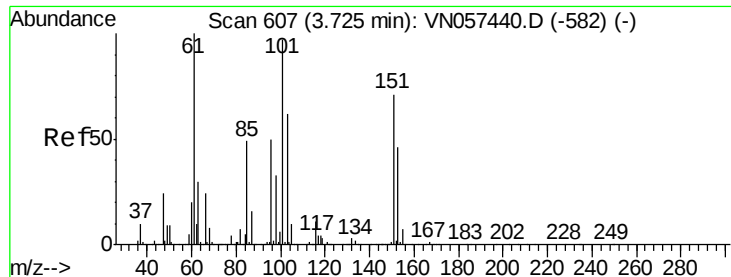


#8

Diethyl Ether
Concen: 50.521 ug/l
RT: 3.39 min Scan# 503
Delta R.T. 0.00 min
Lab File: VN057511.D
Acq: 26 Aug 2019 14:59

Tgt Ion: 74 Resp: 185551
Ion Ratio Lower Upper
74 100
45 118.4 57.9 173.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.031 ug/l

RT: 3.73 min Scan# 608

Delta R.T. 0.00 min

Lab File: VN057511.D

Acq: 26 Aug 2019 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

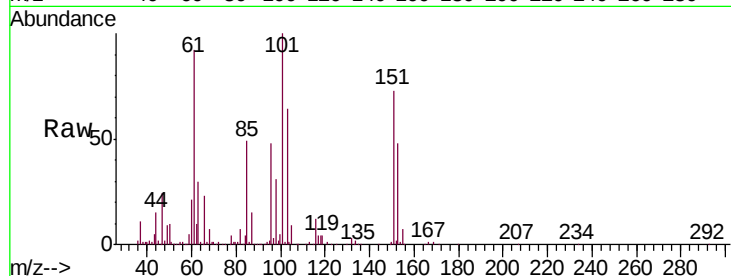
Tgt Ion:101 Resp: 278955

Ion Ratio Lower Upper

101 100

85 50.0 40.0 60.0

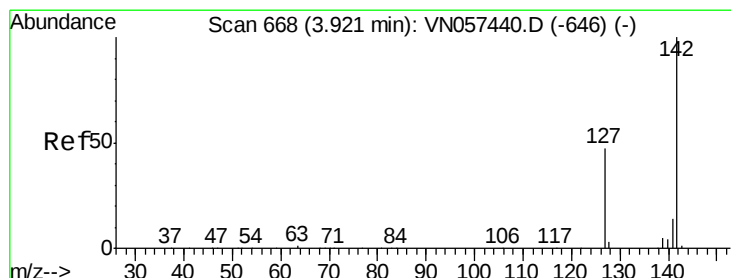
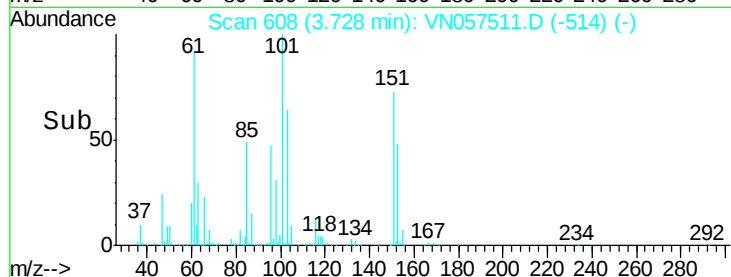
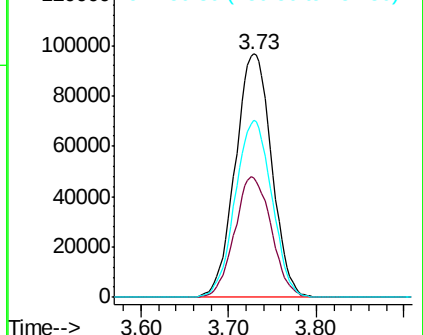
151 73.2 57.0 85.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.899 ug/l

RT: 3.92 min Scan# 669

Delta R.T. 0.00 min

Lab File: VN057511.D

Acq: 26 Aug 2019 14:59

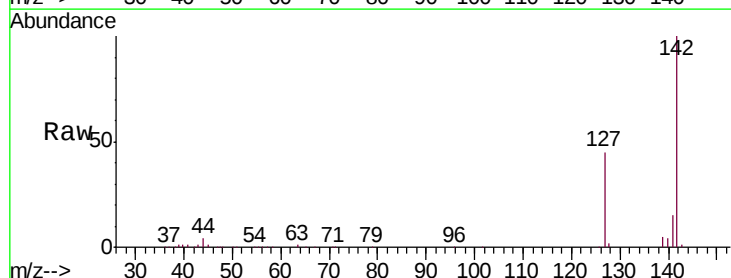
Tgt Ion:142 Resp: 200267

Ion Ratio Lower Upper

142 100

127 48.5 37.8 56.8

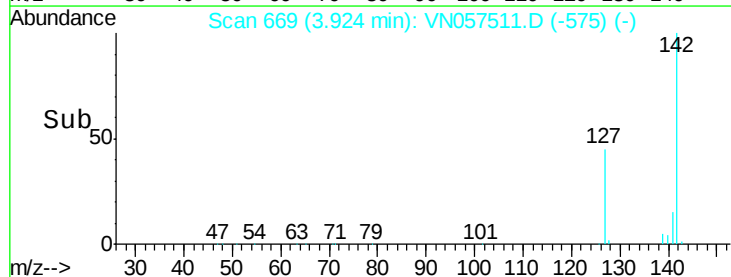
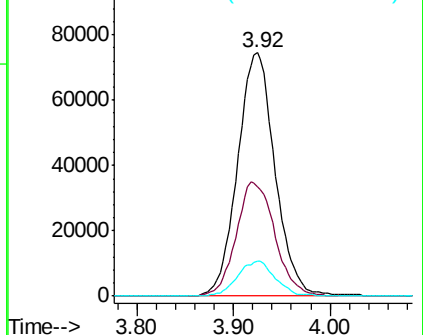
141 14.7 11.9 17.9

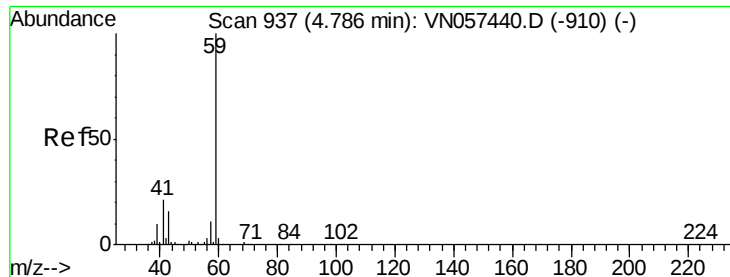


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

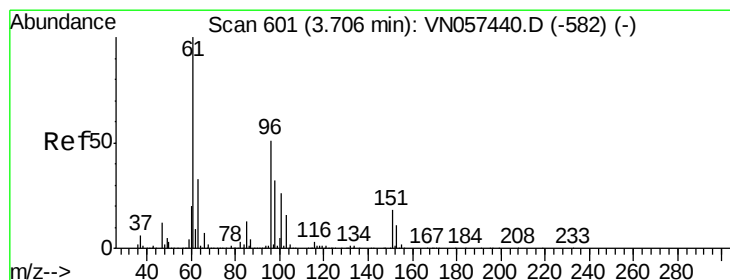
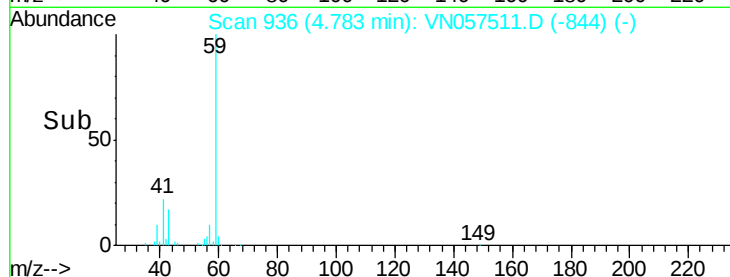
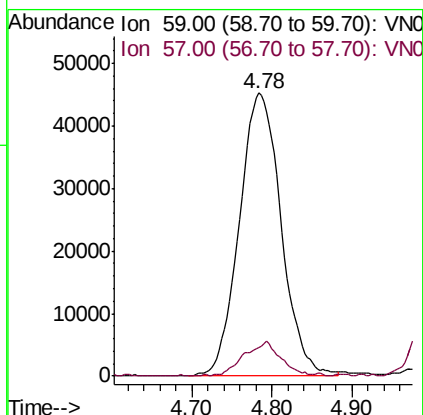
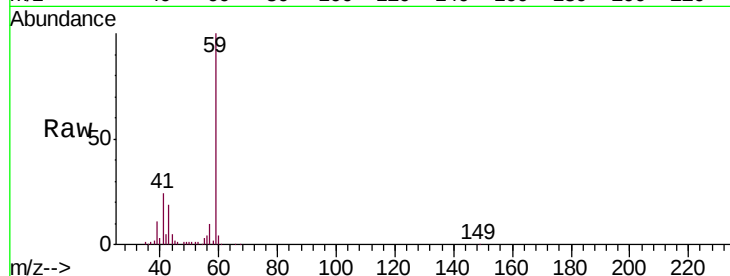




#11
Tert butyl alcohol
Concen: 214.860 ug/l
RT: 4.78 min Scan# 936
Delta R.T. -0.00 min
Lab File: VN057511.D
Acq: 26 Aug 2019 14:59

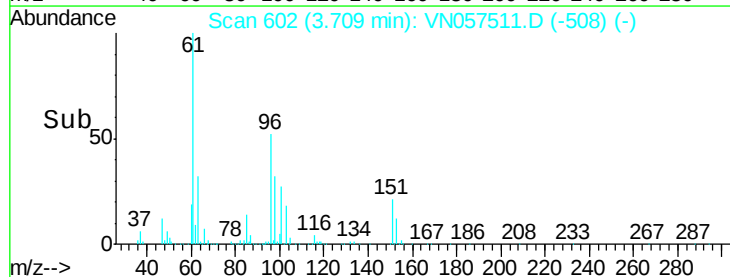
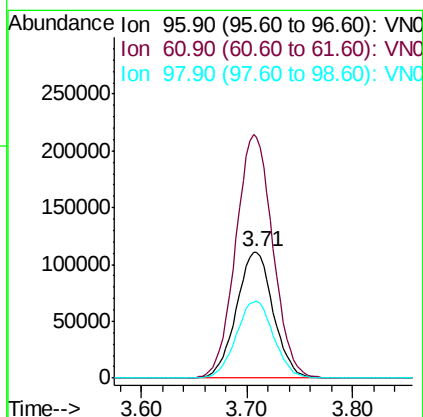
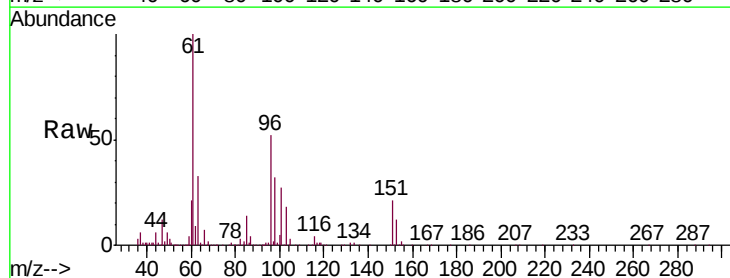
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

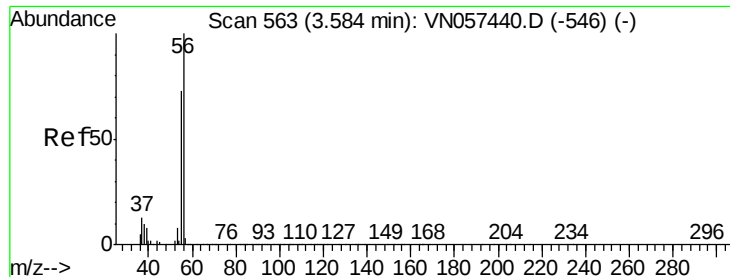
Tgt Ion: 59 Resp: 161094
Ion Ratio Lower Upper
59 100
57 10.1 9.1 13.7



#12
1,1-Dichloroethene
Concen: 45.879 ug/l
RT: 3.71 min Scan# 602
Delta R.T. 0.00 min
Lab File: VN057511.D
Acq: 26 Aug 2019 14:59

Tgt Ion: 96 Resp: 267885
Ion Ratio Lower Upper
96 100
61 191.0 155.3 232.9
98 60.9 50.2 75.2





#13

Acrolein

Concen: 326.275 ug/l

RT: 3.58 min Scan# 563

Delta R.T. -0.00 min

Lab File: VN057511.D

Acq: 26 Aug 2019 14:59

Instrument :

MSVOA_N

ClientSampleId :

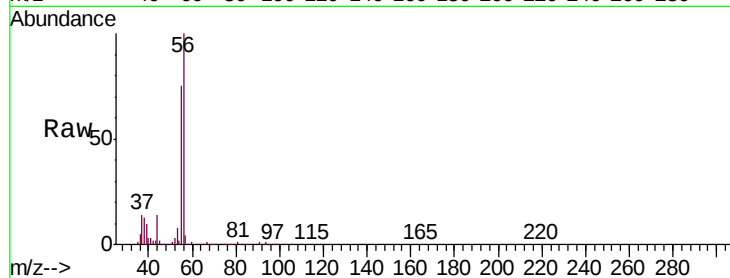
VSTDCCC050EC

Tgt Ion: 56 Resp: 215106

Ion Ratio Lower Upper

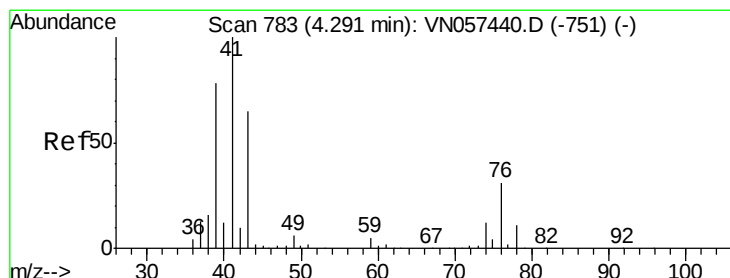
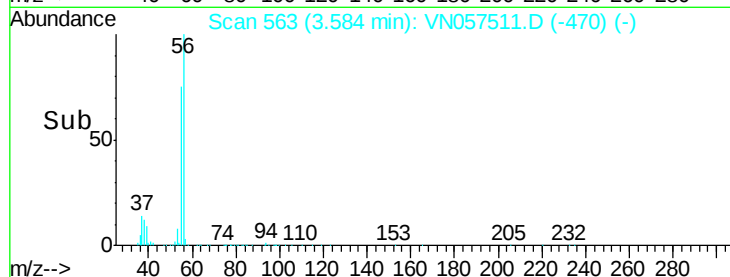
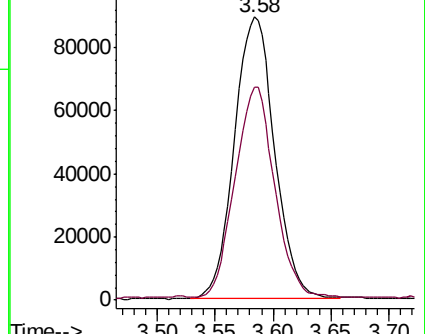
56 100

55 73.6 59.0 88.4



Abundance Ion 56.00 (55.70 to 56.70): VN057511.D (-470) (-)

Ion 55.00 (54.70 to 55.70): VN057511.D (-470) (-)



#14

Allyl chloride

Concen: 45.531 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN057511.D

Acq: 26 Aug 2019 14:59

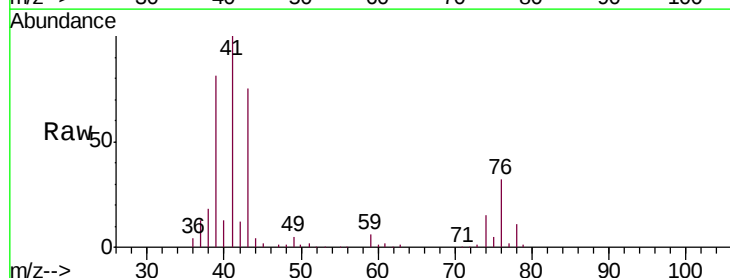
Tgt Ion: 41 Resp: 352103

Ion Ratio Lower Upper

41 100

39 75.9 57.4 86.2

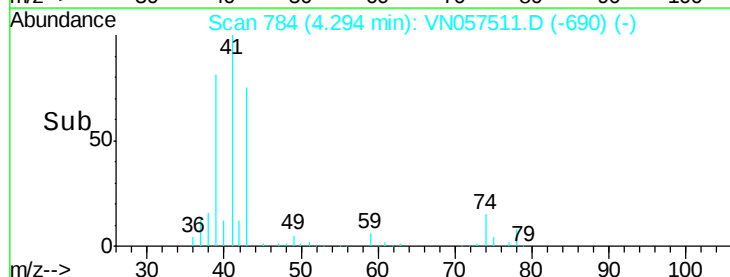
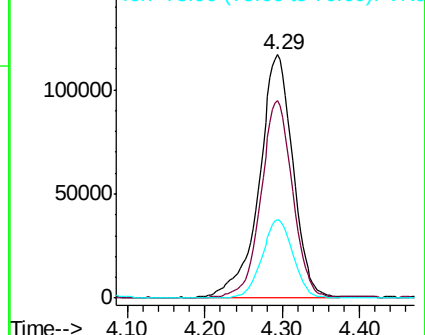
76 29.7 22.9 34.3

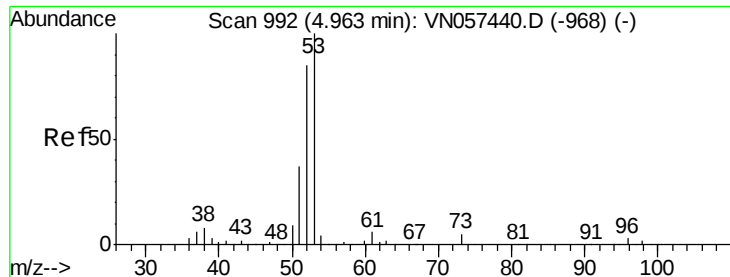


Abundance Ion 41.00 (40.70 to 41.70): VN057511.D (-690) (-)

Ion 39.00 (38.70 to 39.70): VN057511.D (-690) (-)

Ion 75.90 (75.60 to 76.60): VN057511.D (-690) (-)





#15

Acrylonitrile

Concen: 228.379 ug/l

RT: 4.97 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN057511.D

Acq: 26 Aug 2019 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

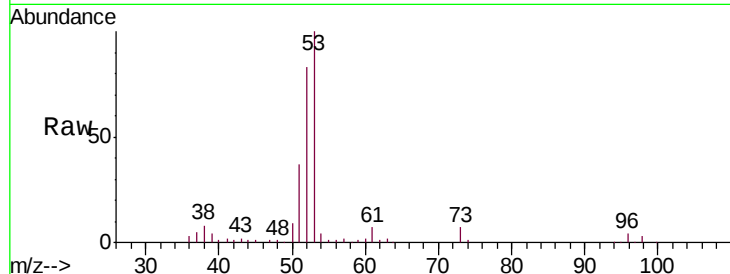
Tgt Ion: 53 Resp: 461773

Ion Ratio Lower Upper

53 100

52 83.7 67.0 100.6

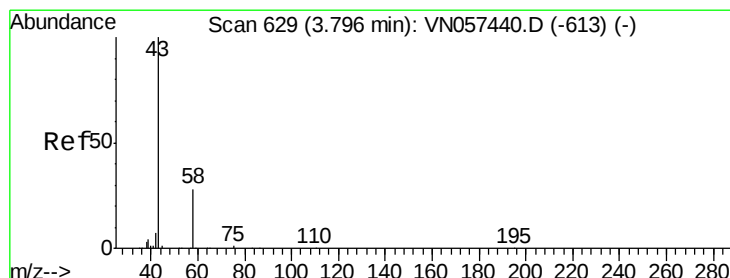
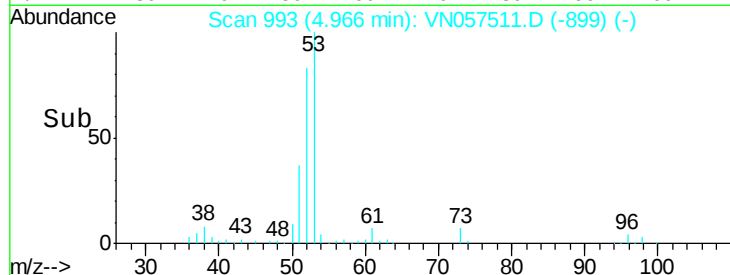
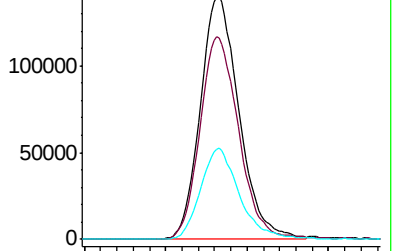
51 37.7 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN057511.D (-899) (-)

Ion 52.00 (51.70 to 52.70): VN057511.D (-899) (-)

Ion 51.00 (50.70 to 51.70): VN057511.D (-899) (-)



#16

Acetone

Concen: 216.548 ug/l

RT: 3.79 min Scan# 627

Delta R.T. -0.01 min

Lab File: VN057511.D

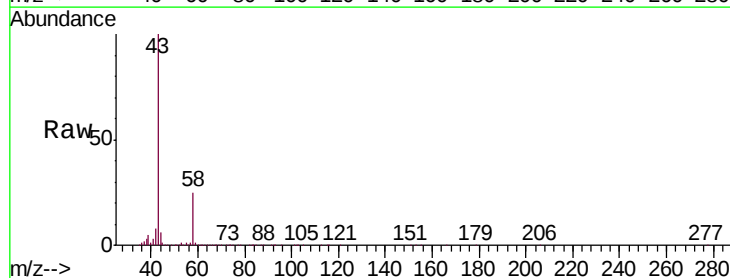
Acq: 26 Aug 2019 14:59

Tgt Ion: 43 Resp: 600110

Ion Ratio Lower Upper

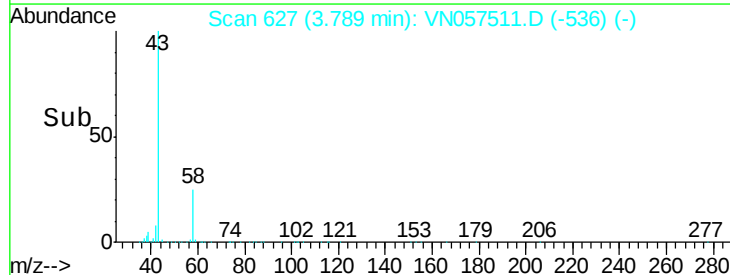
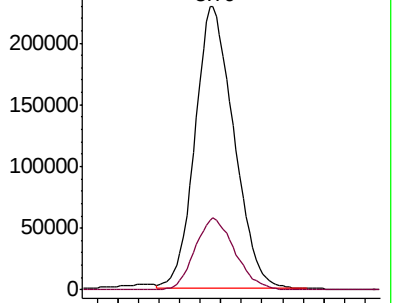
43 100

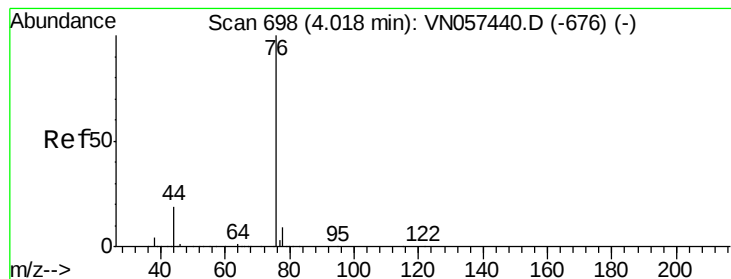
58 24.5 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN057511.D (-536) (-)

Ion 58.00 (57.70 to 58.70): VN057511.D (-536) (-)





#17

Carbon Disulfide

Concen: 39.747 ug/l

RT: 4.02 min Scan# 699

Delta R.T. 0.00 min

Lab File: VN057511.D

Acq: 26 Aug 2019 14:59

Instrument :

MSVOA_N

ClientSampleId :

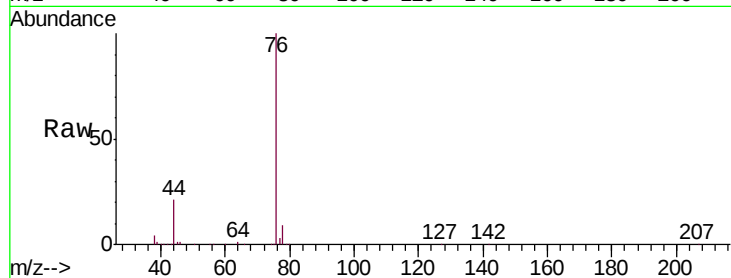
VSTDCCC050EC

Tgt Ion: 76 Resp: 442704

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN057511.D (-605) (-)

Ion 77.90 (77.60 to 78.60): VN057511.D (-605) (-)

4.02

200000

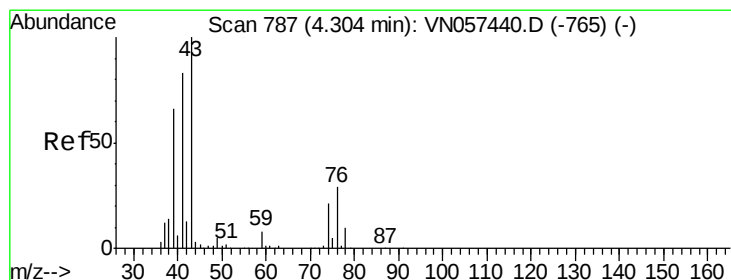
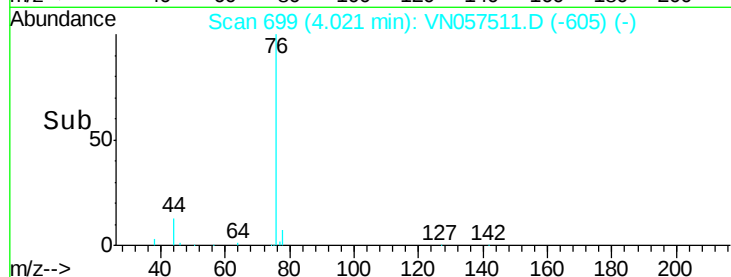
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 47.958 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.00 min

Lab File: VN057511.D

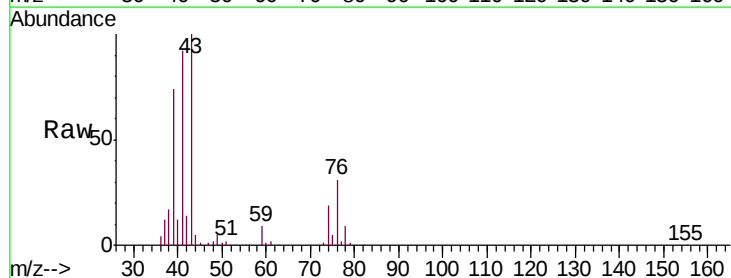
Acq: 26 Aug 2019 14:59

Tgt Ion: 43 Resp: 287045

Ion Ratio Lower Upper

43 100

74 20.4 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VN057511.D (-693) (-)

Ion 74.00 (73.70 to 74.70): VN057511.D (-693) (-)

4.30

120000

100000

80000

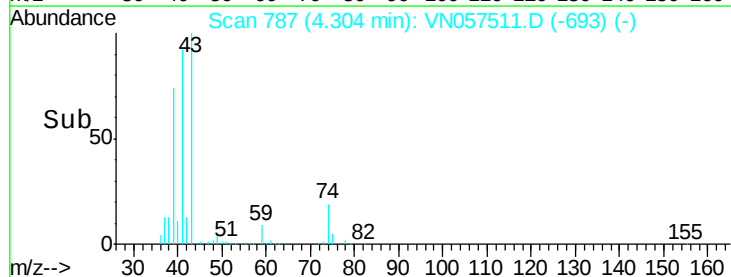
60000

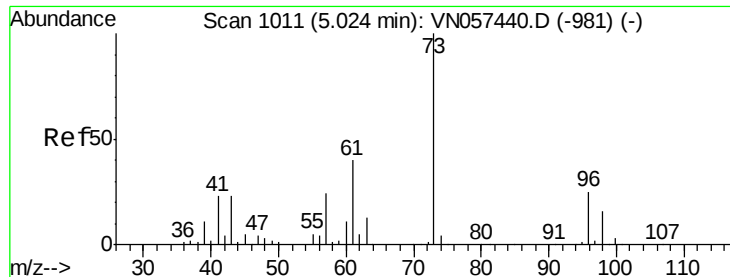
40000

20000

0

Time-->

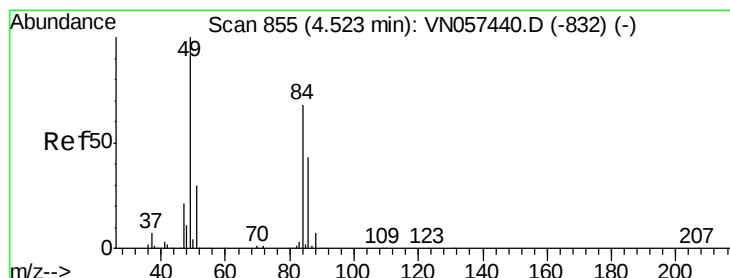
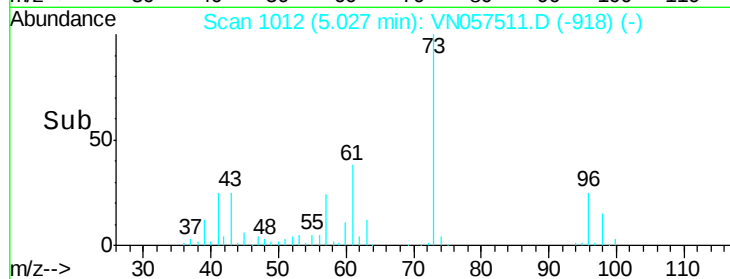
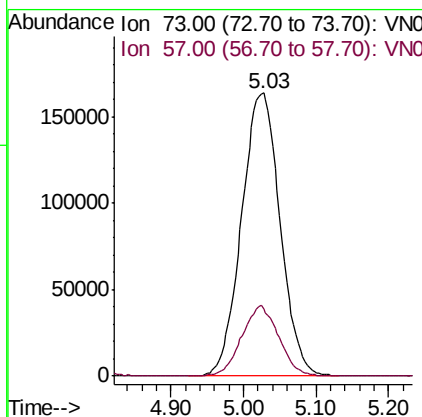
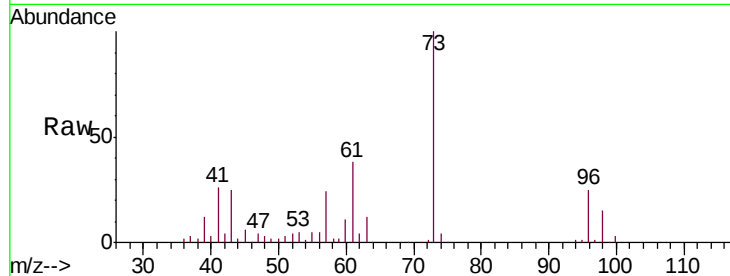




#19
Methyl tert-butyl Ether
Concen: 42.944 ug/l
RT: 5.03 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN057511.D
Acq: 26 Aug 2019 14:59

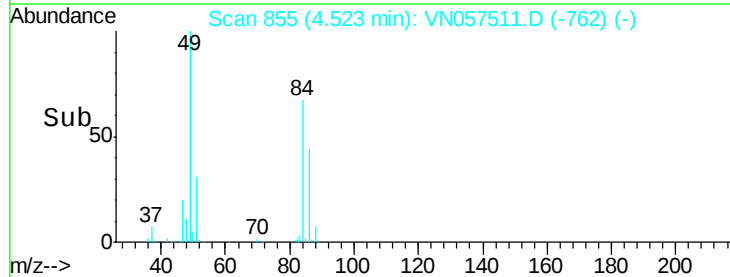
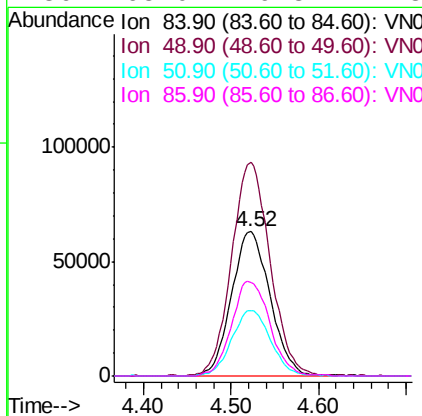
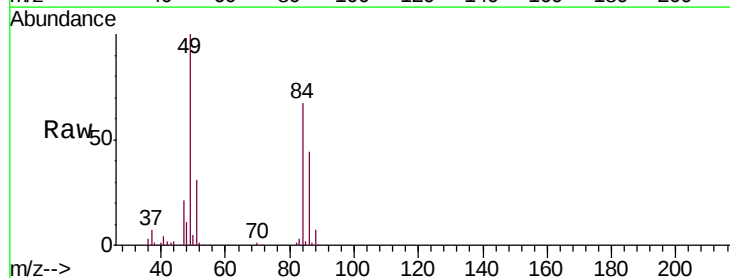
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

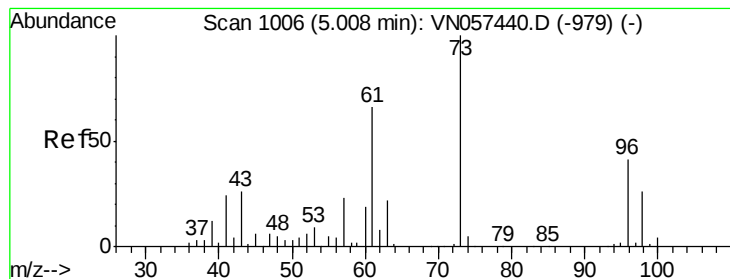
Tgt Ion: 73 Resp: 605287
Ion Ratio Lower Upper
73 100
57 23.7 19.1 28.7



#20
Methylene Chloride
Concen: 47.161 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN057511.D
Acq: 26 Aug 2019 14:59

Tgt Ion: 84 Resp: 193791
Ion Ratio Lower Upper
84 100
49 147.7 117.0 175.4
51 45.4 35.5 53.3
86 65.0 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 43.195 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN057511.D

Acq: 26 Aug 2019 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

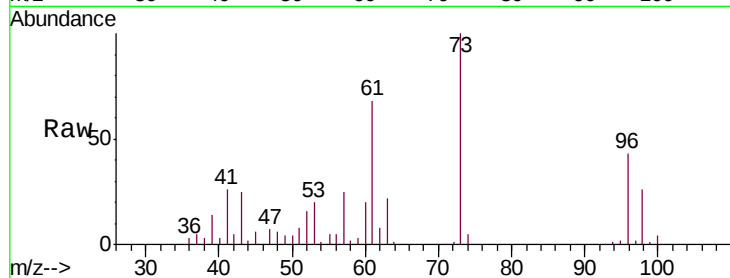
Tgt Ion: 96 Resp: 177978

Ion Ratio Lower Upper

96 100

61 158.8 127.9 191.9

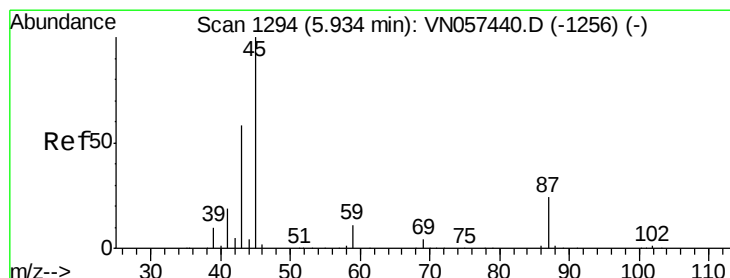
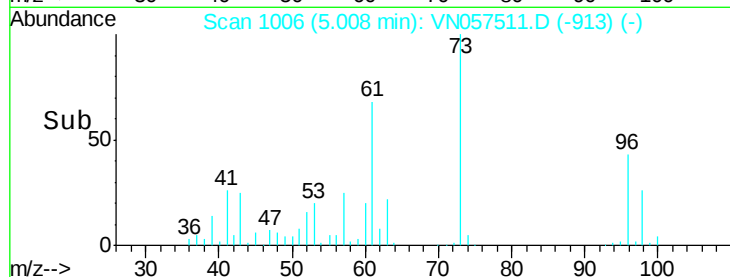
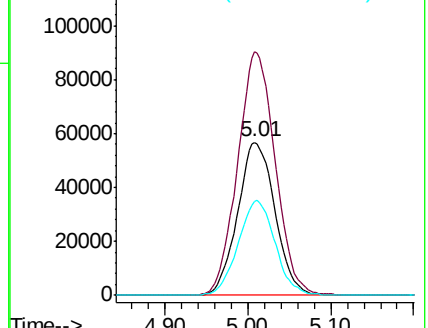
98 61.4 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN057511.D (-913) (-)

Ion 60.90 (60.60 to 61.60): VN057511.D (-913) (-)

Ion 97.90 (97.60 to 98.60): VN057511.D (-913) (-)



#22

Diisopropyl ether

Concen: 47.134 ug/l

RT: 5.93 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VN057511.D

Acq: 26 Aug 2019 14:59

Tgt Ion: 45 Resp: 780845

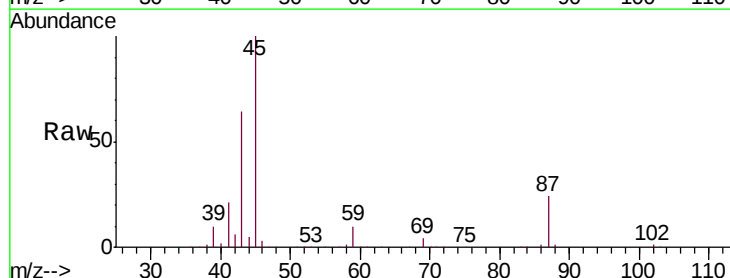
Ion Ratio Lower Upper

45 100

43 63.2 46.9 70.3

87 23.7 19.3 28.9

59 10.0 8.7 13.1

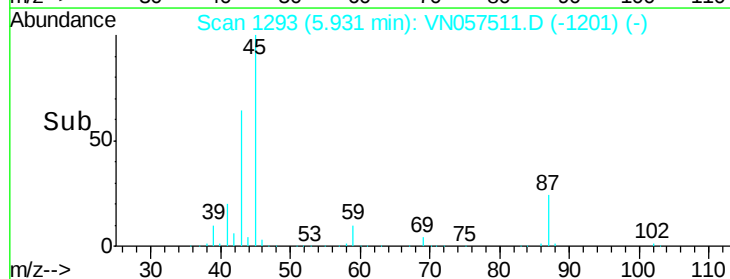
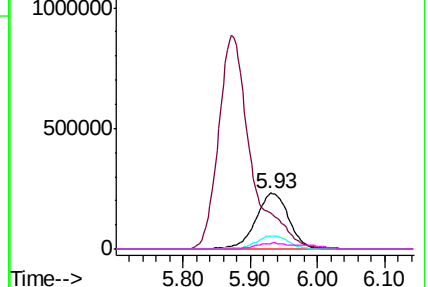


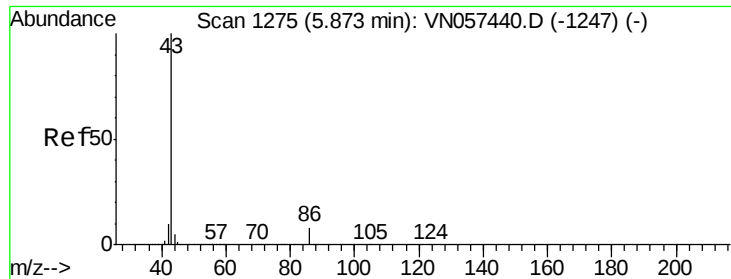
Abundance Ion 45.00 (44.70 to 45.70): VN057511.D (-1201) (-)

Ion 43.00 (42.70 to 43.70): VN057511.D (-1201) (-)

Ion 87.00 (86.70 to 87.70): VN057511.D (-1201) (-)

Ion 59.00 (58.70 to 59.70): VN057511.D (-1201) (-)

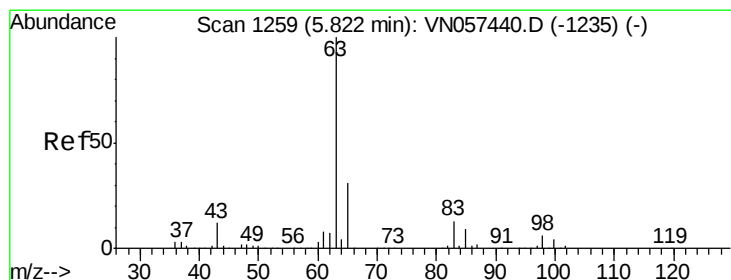
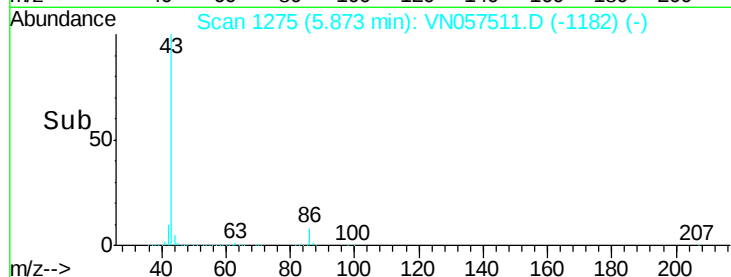
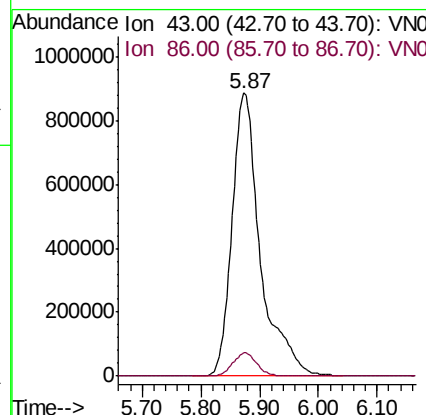
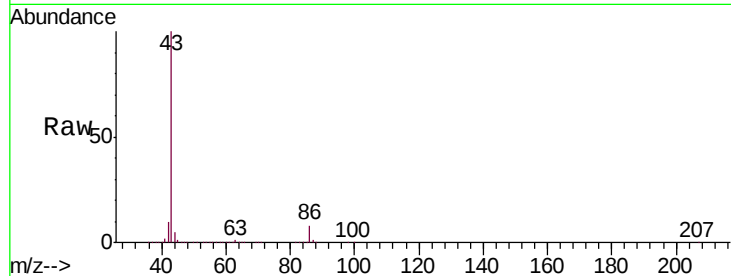




#23
 Vinyl Acetate
 Concen: 229.874 ug/l
 RT: 5.87 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: VN057511.D
 Acq: 26 Aug 2019 14:59

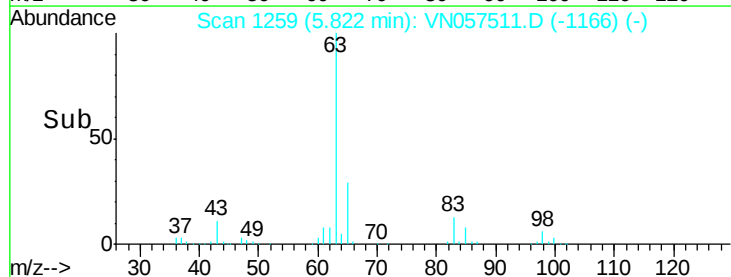
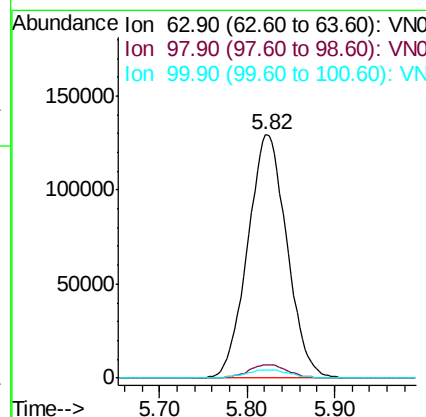
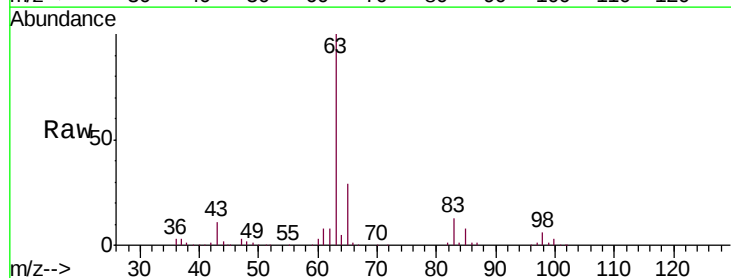
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

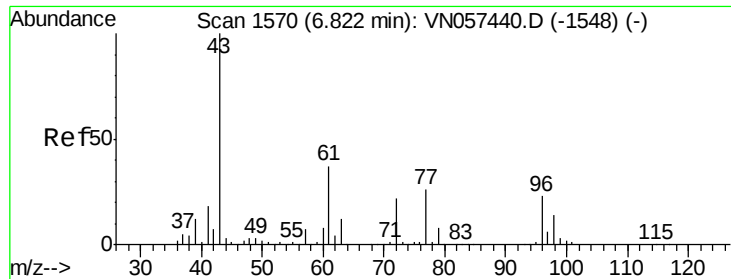
Tgt Ion: 43 Resp: 2974457
 Ion Ratio Lower Upper
 43 100
 86 8.2 6.7 10.1



#24
 1,1-Dichloroethane
 Concen: 45.869 ug/l
 RT: 5.82 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VN057511.D
 Acq: 26 Aug 2019 14:59

Tgt Ion: 63 Resp: 402714
 Ion Ratio Lower Upper
 63 100
 98 5.5 2.9 8.6
 100 3.4 2.1 6.3

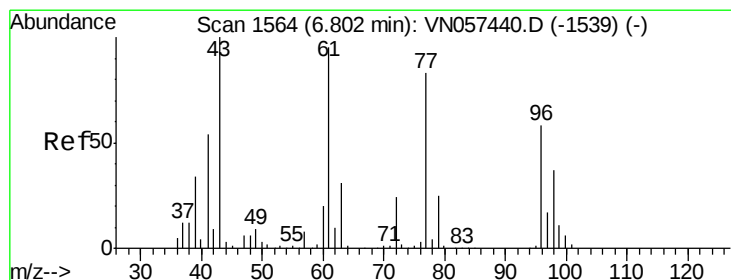
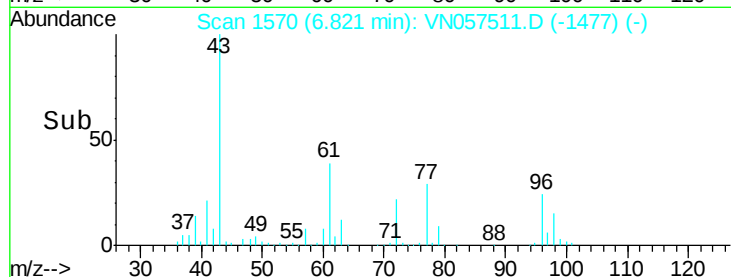
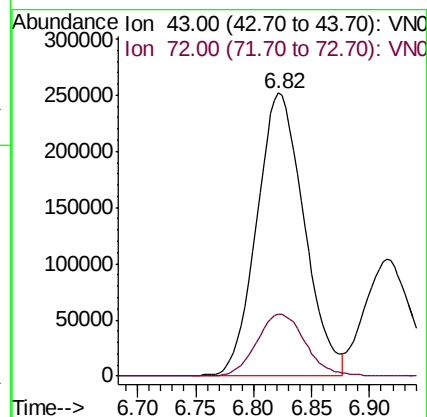
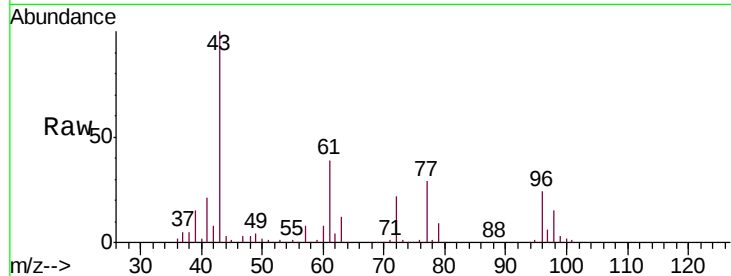




#25
2-Butanone
Concen: 236.222 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN057511.D
Acq: 26 Aug 2019 14:59

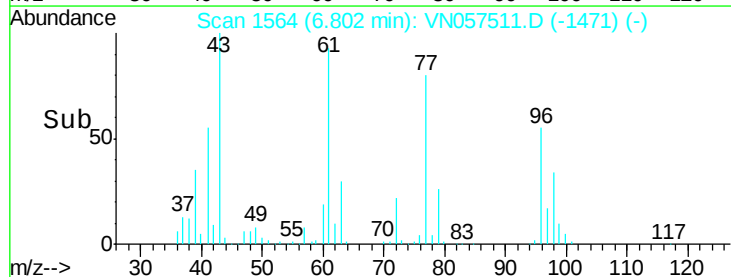
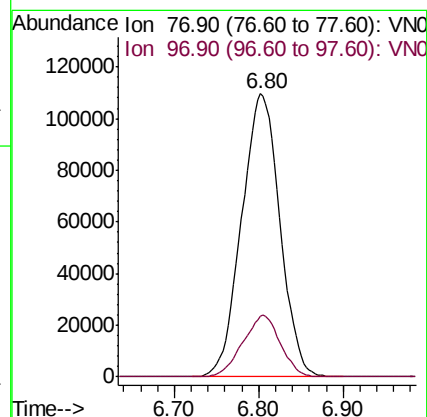
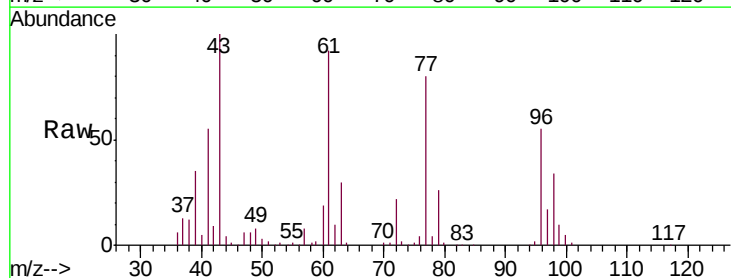
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

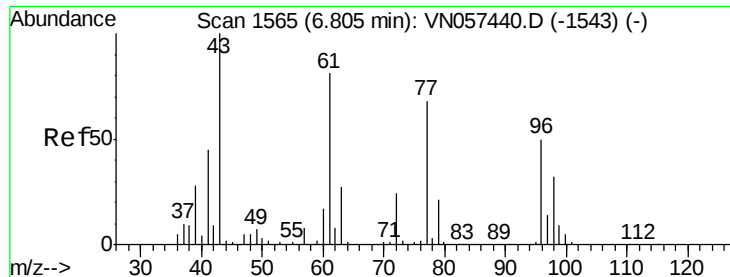
Tgt Ion: 43 Resp: 710844
Ion Ratio Lower Upper
43 100
72 22.1 17.8 26.8



#26
2,2-Dichloropropane
Concen: 45.486 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VN057511.D
Acq: 26 Aug 2019 14:59

Tgt Ion: 77 Resp: 345833
Ion Ratio Lower Upper
77 100
97 21.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 45.259 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN057511.D

Acq: 26 Aug 2019 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

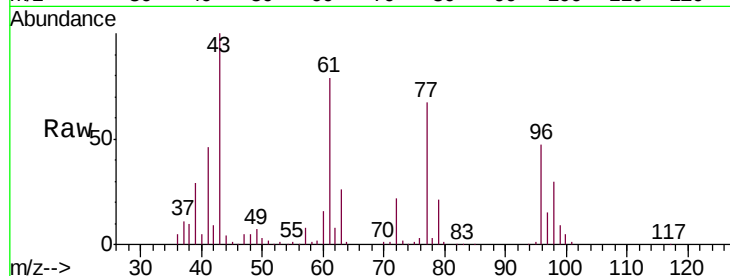
Tgt Ion: 96 Resp: 221055

Ion Ratio Lower Upper

96 100

61 169.7 0.0 334.8

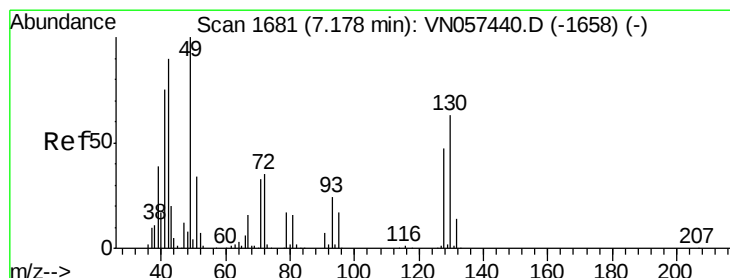
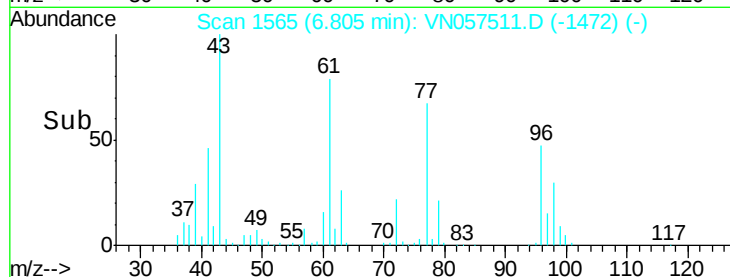
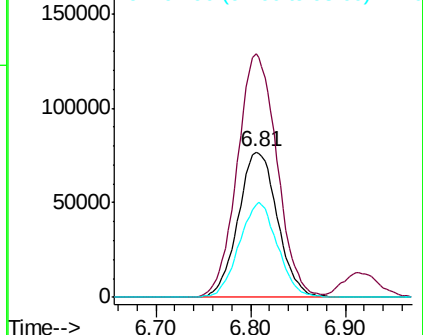
98 63.7 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 46.263 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN057511.D

Acq: 26 Aug 2019 14:59

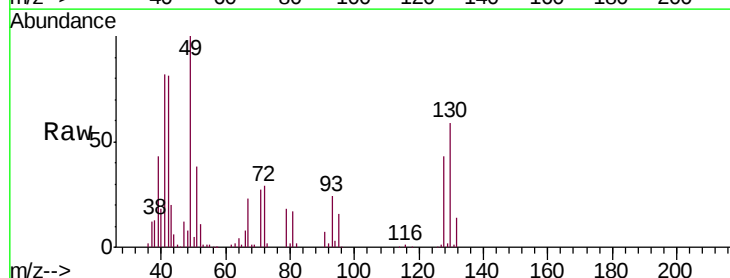
Tgt Ion: 49 Resp: 218733

Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.6

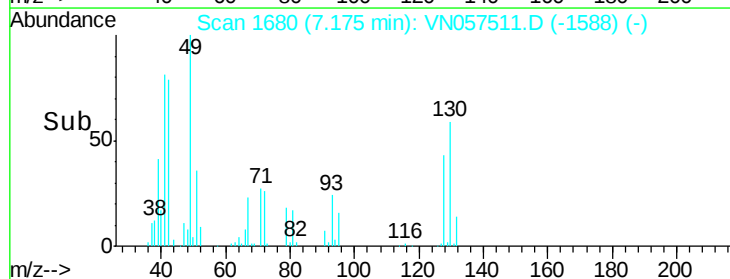
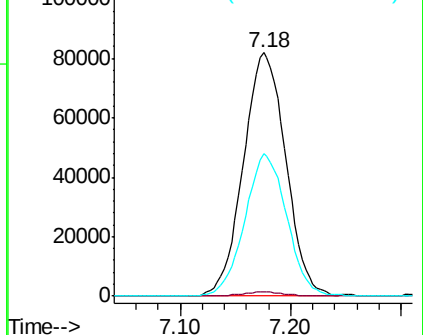
130 57.8 48.6 72.8

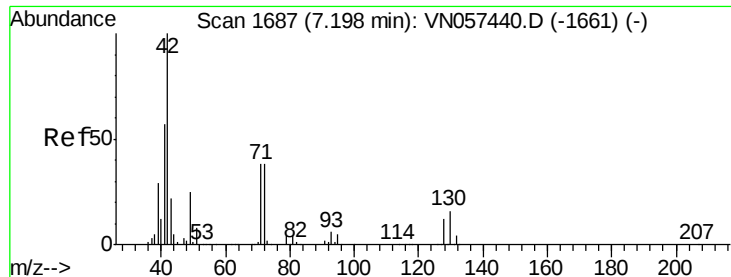


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 232.202 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN057511.D

Acq: 26 Aug 2019 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

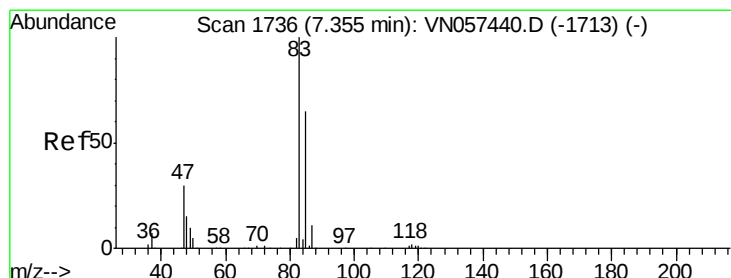
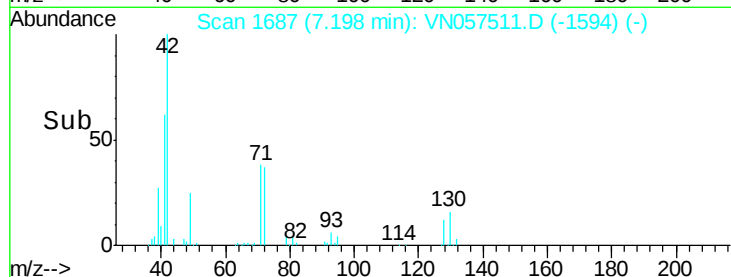
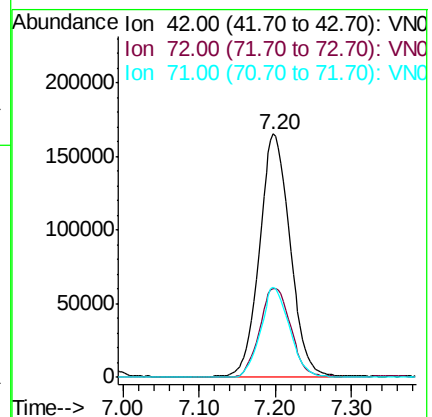
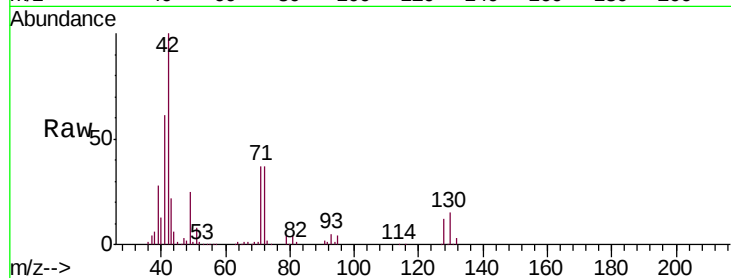
Tgt Ion: 42 Resp: 460751

Ion Ratio Lower Upper

42 100

72 37.5 30.1 45.1

71 35.0 28.8 43.2



#30

Chloroform

Concen: 49.237 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VN057511.D

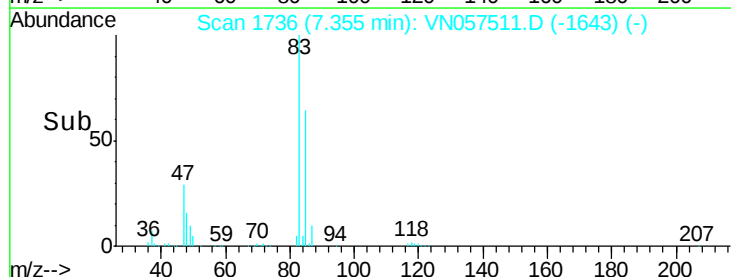
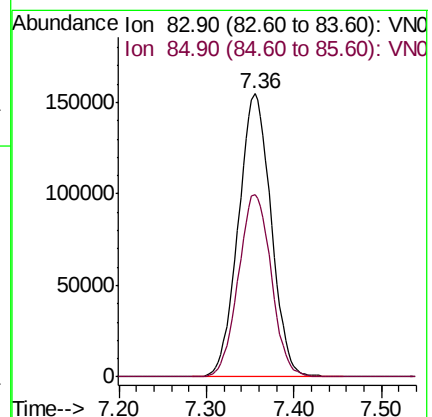
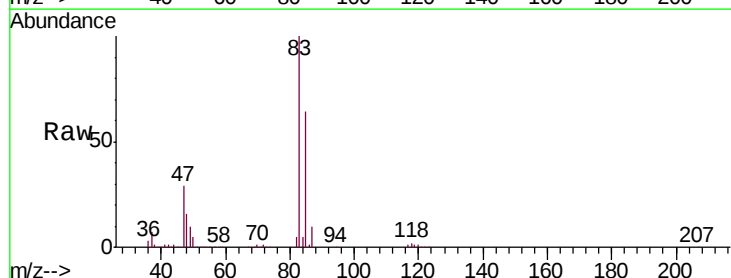
Acq: 26 Aug 2019 14:59

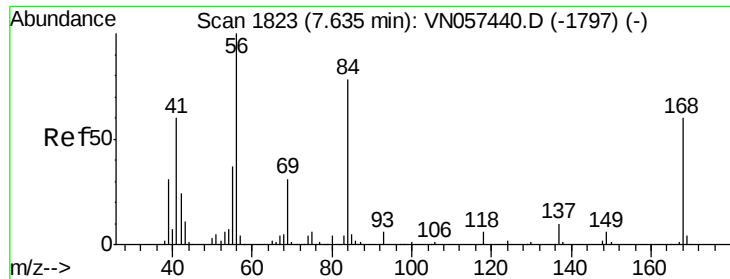
Tgt Ion: 83 Resp: 401054

Ion Ratio Lower Upper

83 100

85 64.4 51.9 77.9

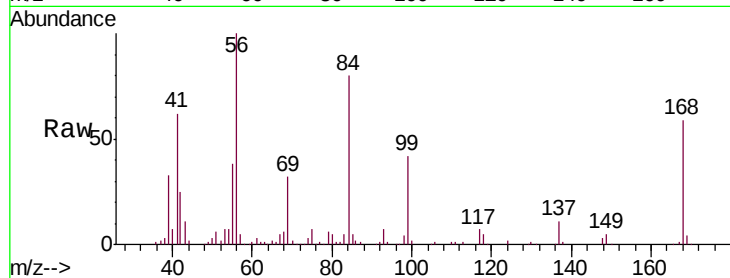




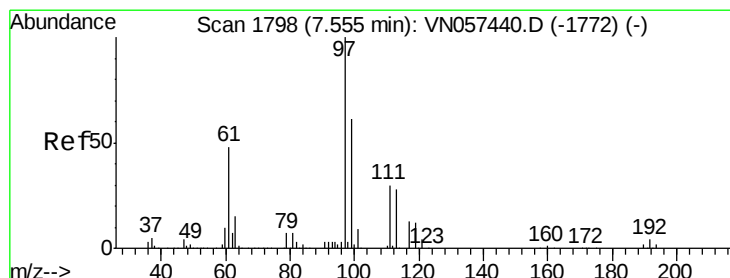
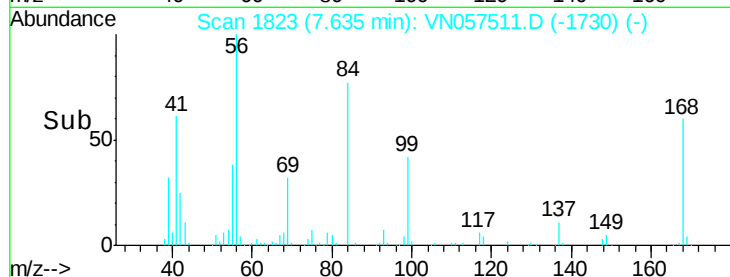
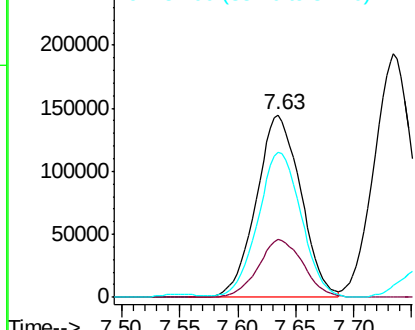
#31
Cyclohexane
Concen: 45.617 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VN057511.D
Acq: 26 Aug 2019 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 386682
Ion Ratio Lower Upper
56 100
69 32.0 25.0 37.6
84 78.2 62.5 93.7

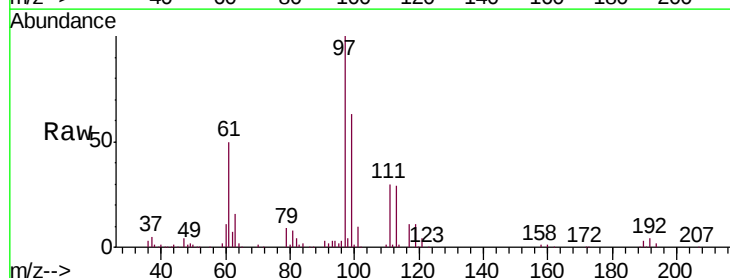


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

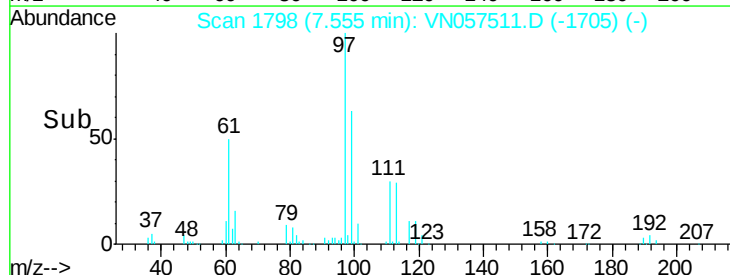
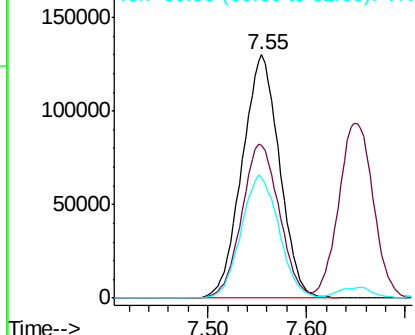


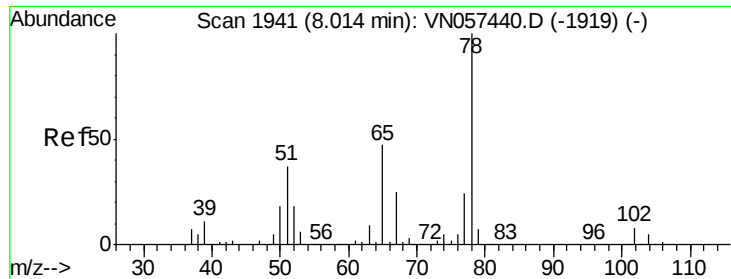
#32
1,1,1-Trichloroethane
Concen: 45.293 ug/l
RT: 7.55 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN057511.D
Acq: 26 Aug 2019 14:59

Tgt Ion: 97 Resp: 341113
Ion Ratio Lower Upper
97 100
99 63.5 51.0 76.6
61 51.2 39.8 59.6



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: 52.634 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VN057511.D

Acq: 26 Aug 2019 14:59

Instrument :

MSVOA_N

ClientSampleId :

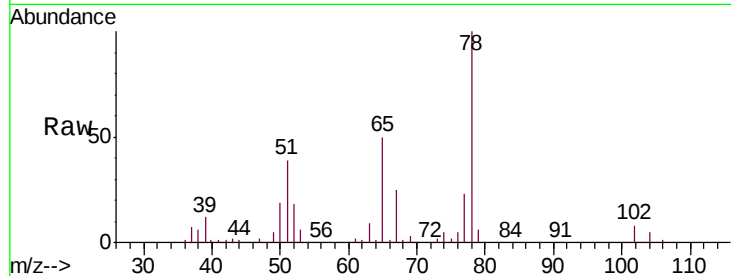
VSTDCCC050EC

Tgt Ion: 65 Resp: 317614

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN057511.D (-1848) (-)

Ion 66.90 (66.60 to 67.60): VN057511.D (-1848) (-)

8.01

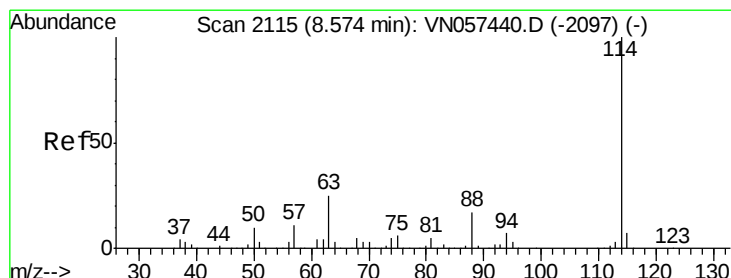
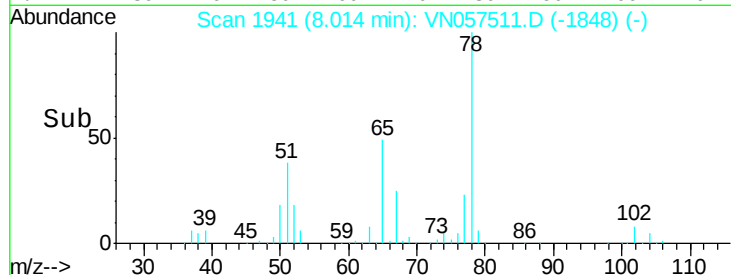
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN057511.D

Acq: 26 Aug 2019 14:59

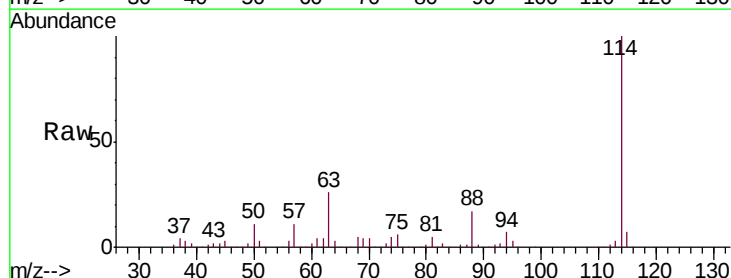
Tgt Ion: 114 Resp: 634123

Ion Ratio Lower Upper

114 100

63 26.1 0.0 50.2

88 16.8 0.0 34.6



Abundance Ion 113.90 (113.60 to 114.60): VN057511.D (-2022) (-)

Ion 63.00 (62.70 to 63.70): VN057511.D (-2022) (-)

Ion 87.90 (87.60 to 88.60): VN057511.D (-2022) (-)

8.57

400000

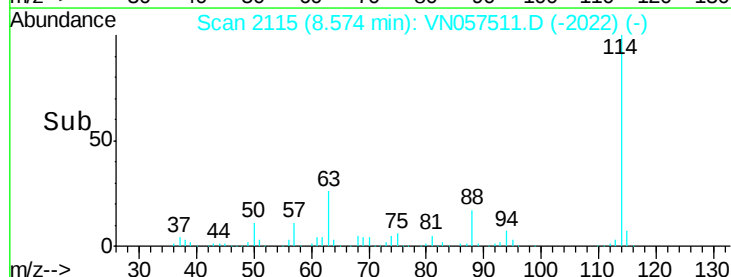
300000

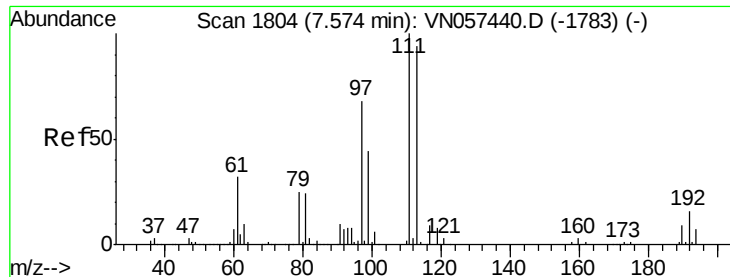
200000

100000

0

Time-->

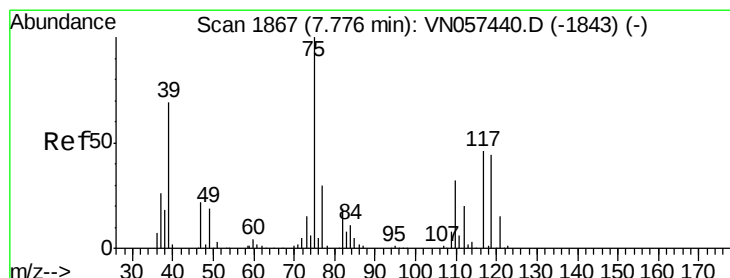
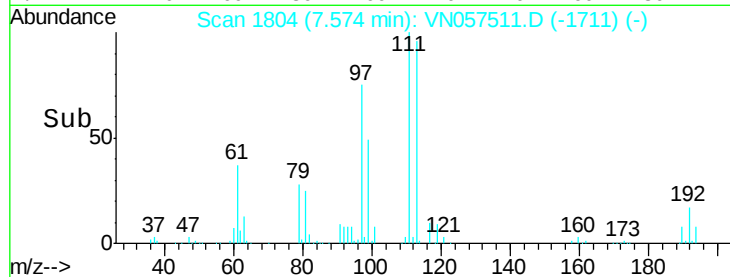
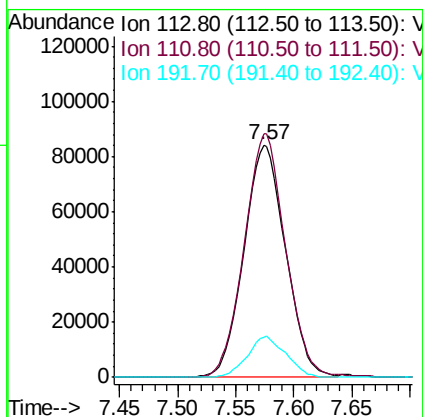
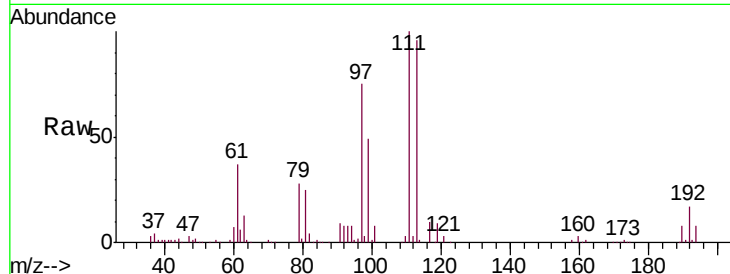




#35
 Dibromofluoromethane
 Concen: 49.028 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN057511.D
 Acq: 26 Aug 2019 14:59

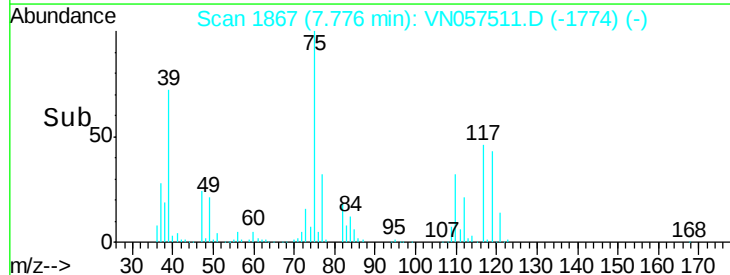
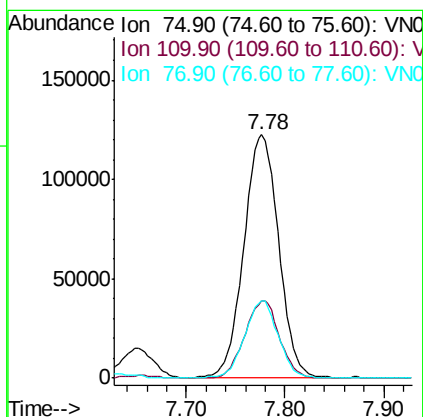
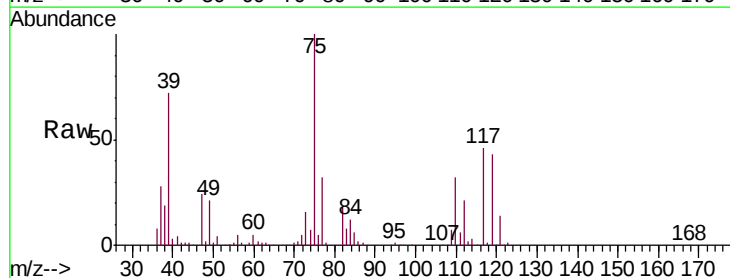
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

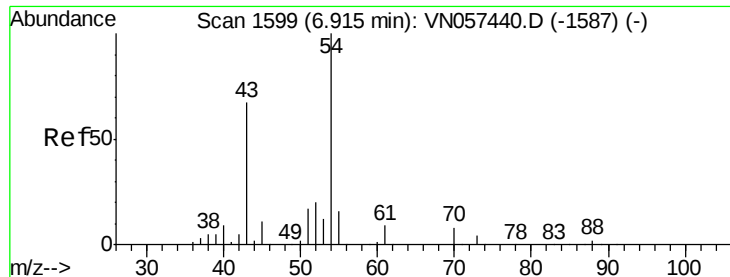
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.8	125.6
192	16.5	13.5	20.3



#36
 1,1-Dichloropropene
 Concen: 45.904 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN057511.D
 Acq: 26 Aug 2019 14:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.9	16.1	48.3
77	31.0	24.8	37.2

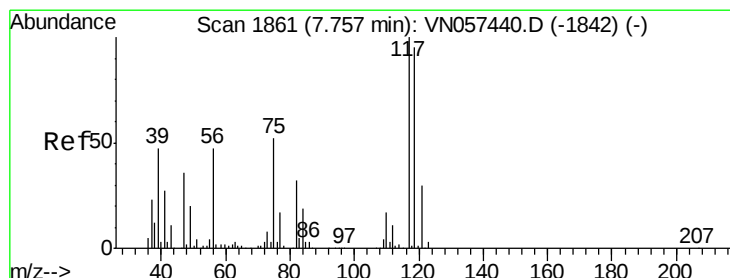
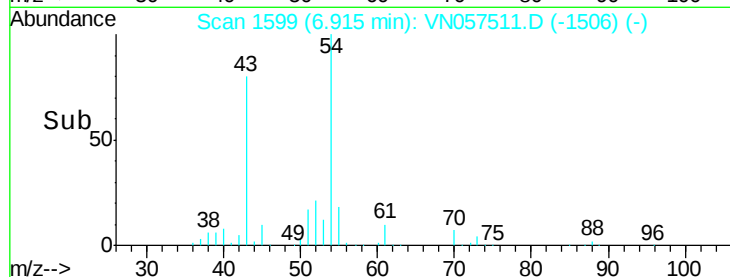
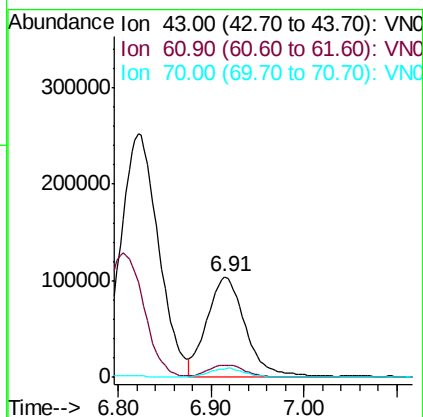
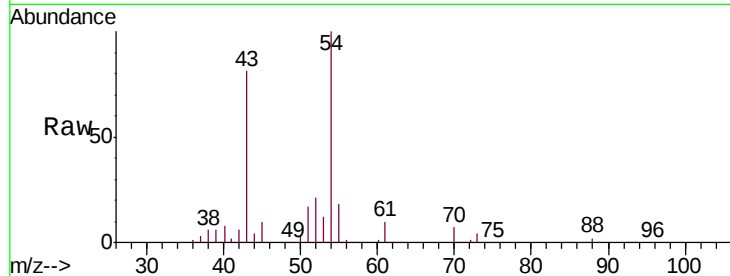




#37
 Ethyl Acetate
 Concen: 45.901 ug/l
 RT: 6.91 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: VN057511.D
 Acq: 26 Aug 2019 14:59

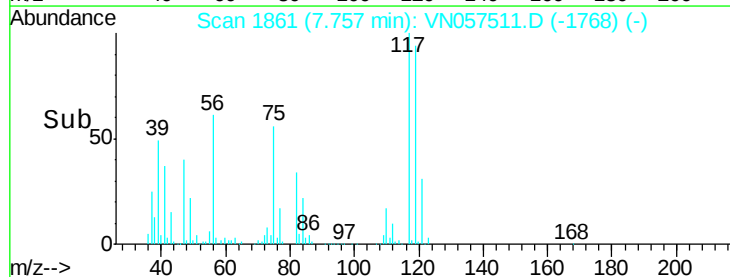
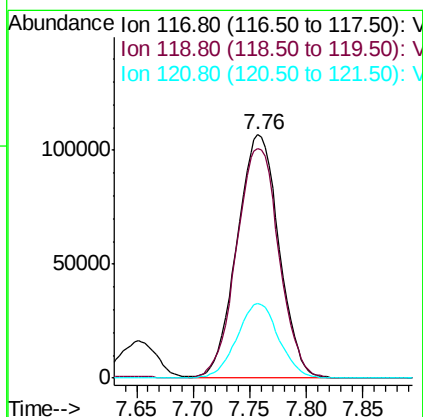
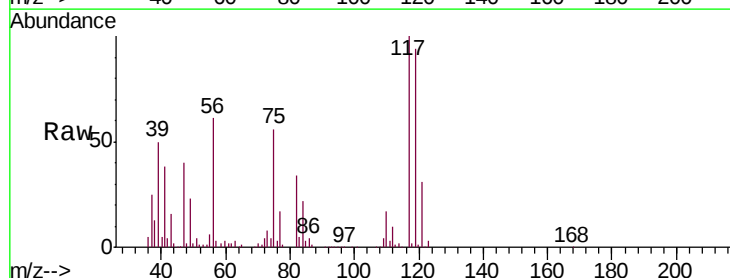
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

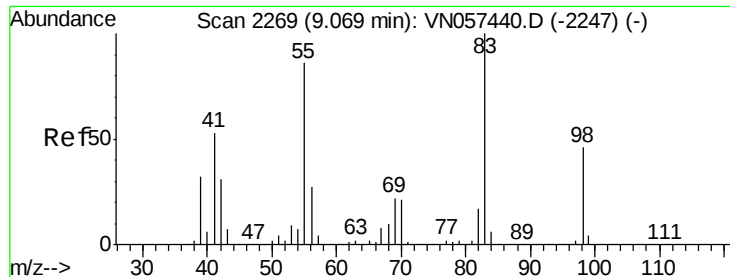
Tgt Ion: 43 Resp: 293888
 Ion Ratio Lower Upper
 43 100
 61 12.1 9.9 14.9
 70 8.6 7.0 10.6



#38
 Carbon Tetrachloride
 Concen: 42.620 ug/l
 RT: 7.76 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VN057511.D
 Acq: 26 Aug 2019 14:59

Tgt Ion: 117 Resp: 274346
 Ion Ratio Lower Upper
 117 100
 119 94.1 76.2 114.4
 121 30.7 23.8 35.6

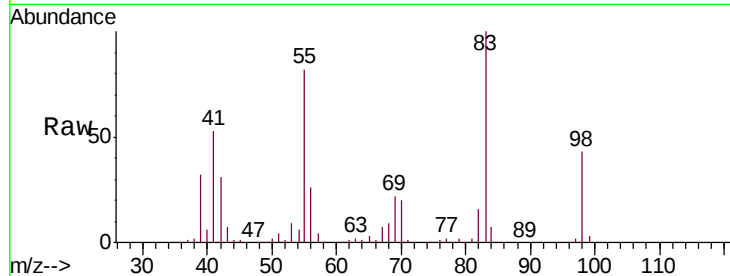




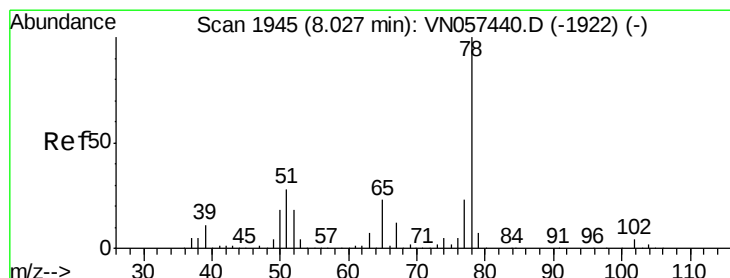
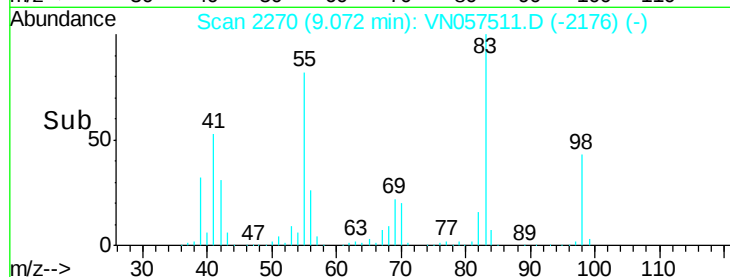
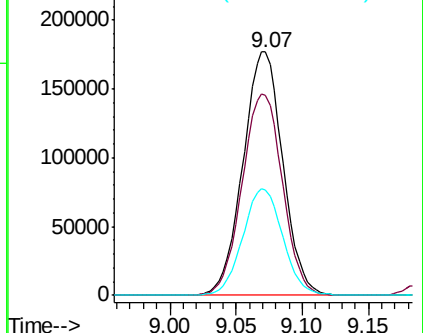
#39
Methylcyclohexane
Concen: 48.103 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN057511.D
Acq: 26 Aug 2019 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 370167
Ion Ratio Lower Upper
83 100
55 81.8 68.6 102.8
98 43.1 36.6 54.8

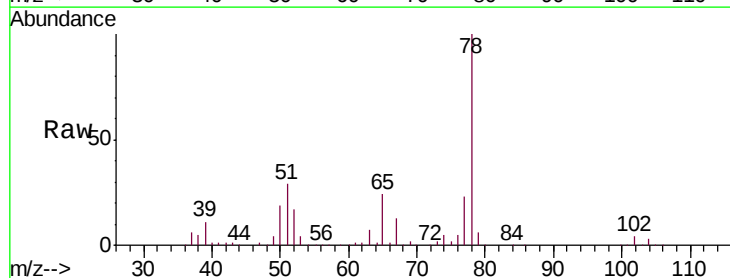


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

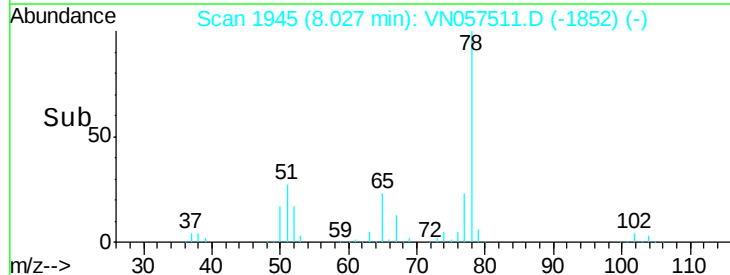
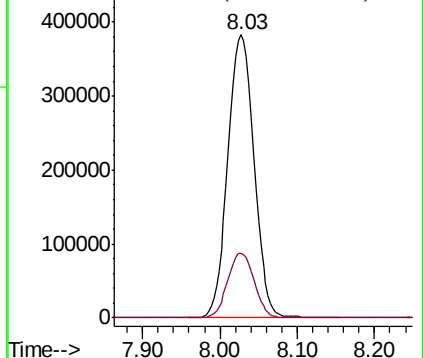


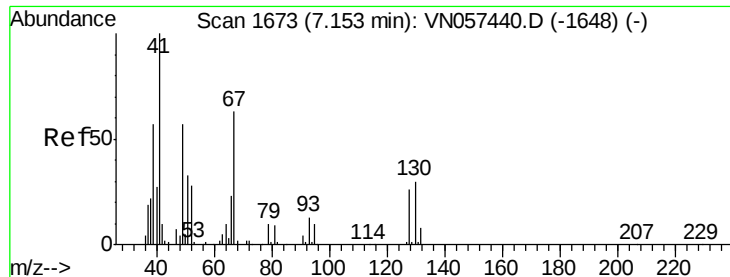
#40
Benzene
Concen: 46.194 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN057511.D
Acq: 26 Aug 2019 14:59

Tgt Ion: 78 Resp: 898371
Ion Ratio Lower Upper
78 100
77 22.9 18.5 27.7



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 49.545 ug/l

RT: 7.16 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VN057511.D

Acq: 26 Aug 2019 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 151261

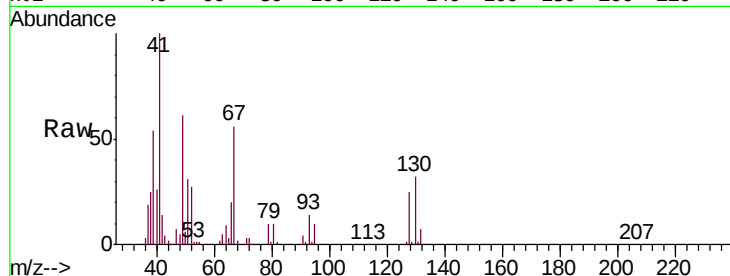
Ion Ratio Lower Upper

41 100

39 61.2 53.6 80.4

67 70.3 65.4 98.2

52 32.1 29.8 44.6

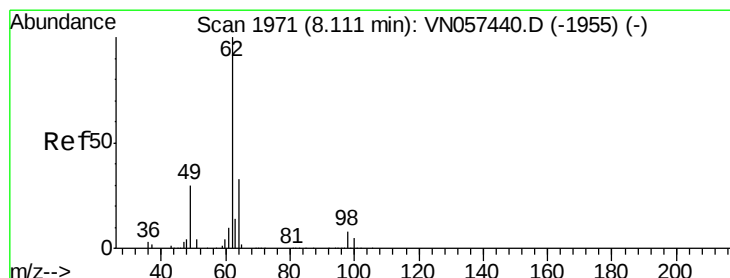
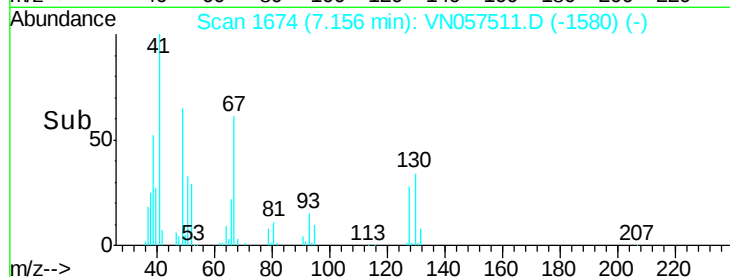
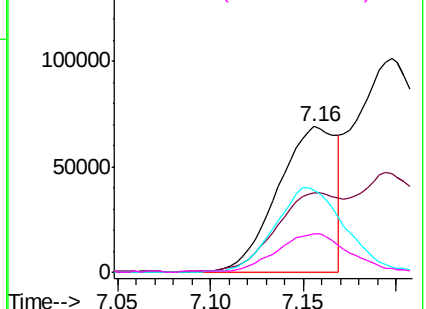


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 46.104 ug/l

RT: 8.11 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VN057511.D

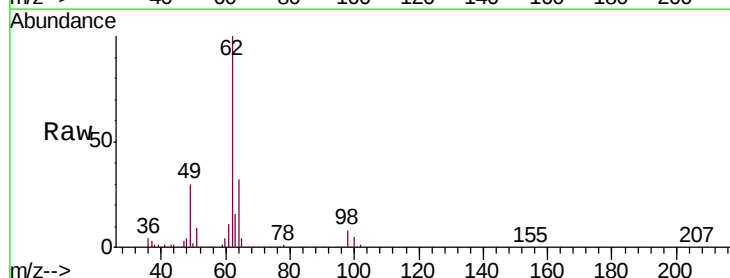
Acq: 26 Aug 2019 14:59

Tgt Ion: 62 Resp: 345227

Ion Ratio Lower Upper

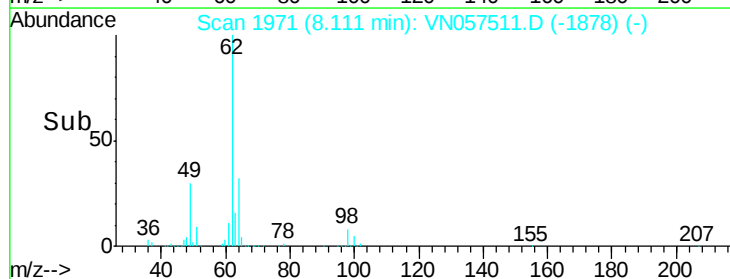
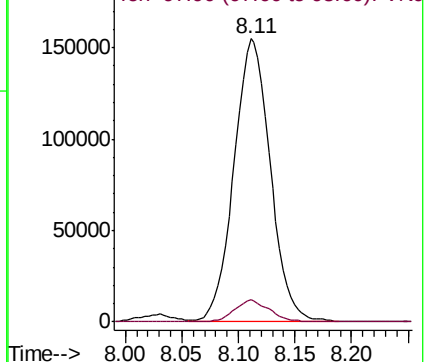
62 100

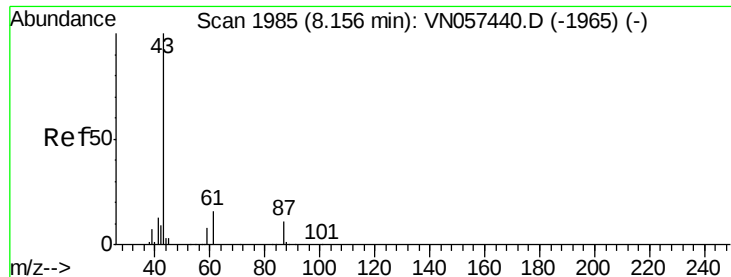
98 7.6 0.0 15.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

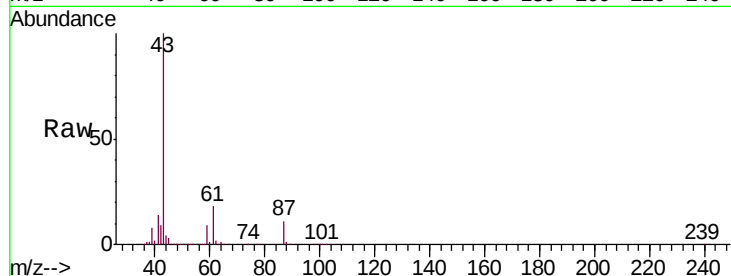




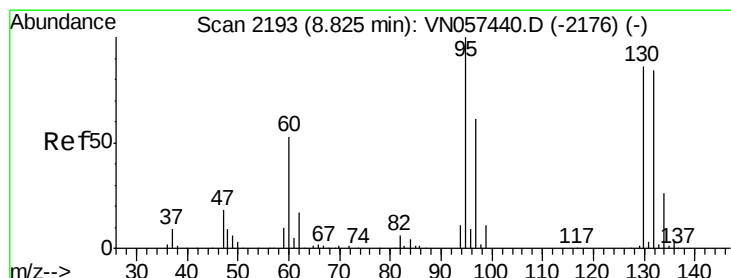
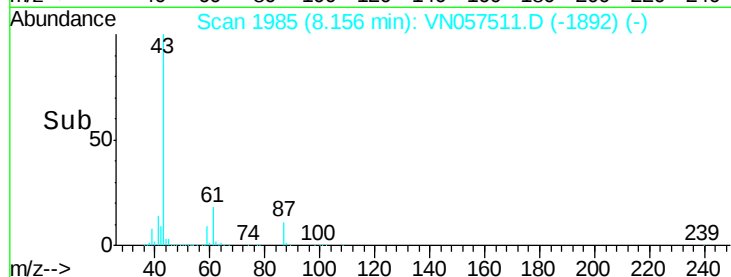
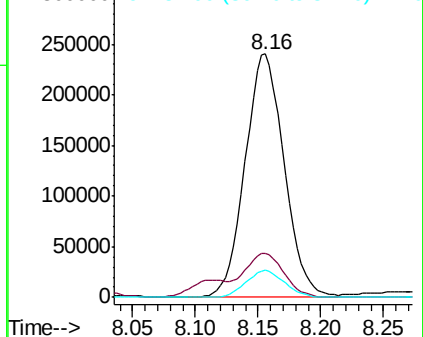
#43
Isopropyl Acetate
Concen: 44.237 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VN057511.D
Acq: 26 Aug 2019 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 519335
Ion Ratio Lower Upper
43 100
61 18.4 14.5 21.7
87 11.0 8.6 12.8

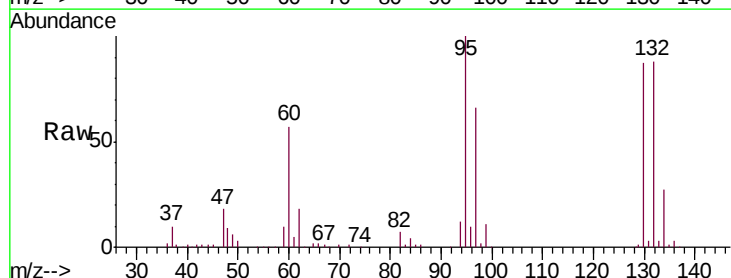


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

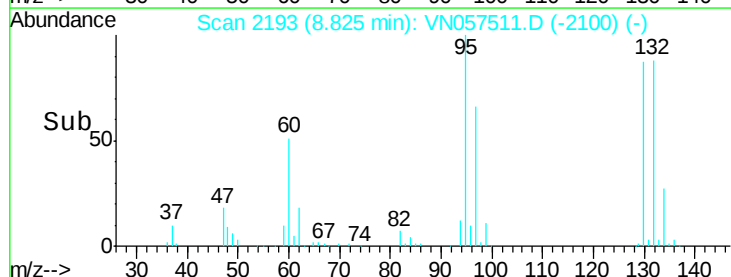
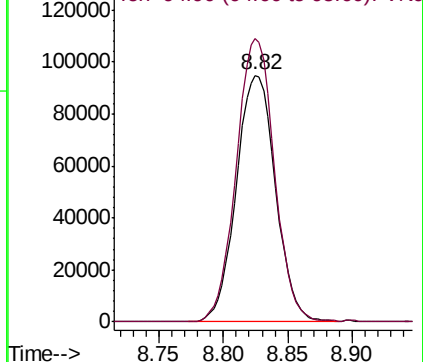


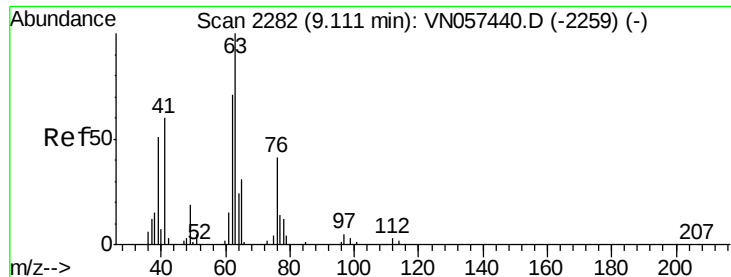
#44
Trichloroethene
Concen: 46.346 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VN057511.D
Acq: 26 Aug 2019 14:59

Tgt Ion: 130 Resp: 201197
Ion Ratio Lower Upper
130 100
95 114.8 0.0 231.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 46.616 ug/l

RT: 9.11 min Scan# 2282

Delta R.T. -0.00 min

Lab File: VN057511.D

Acq: 26 Aug 2019 14:59

Instrument :

MSVOA_N

ClientSampleId :

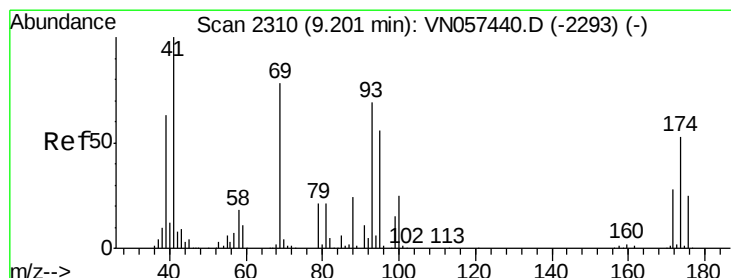
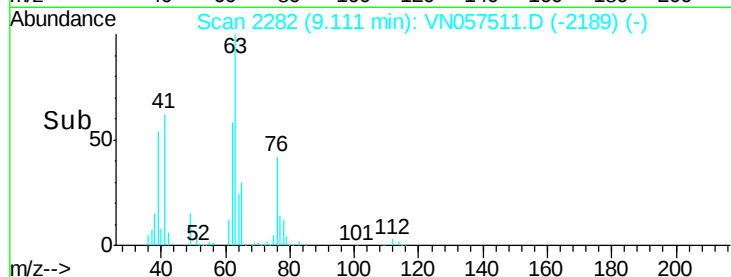
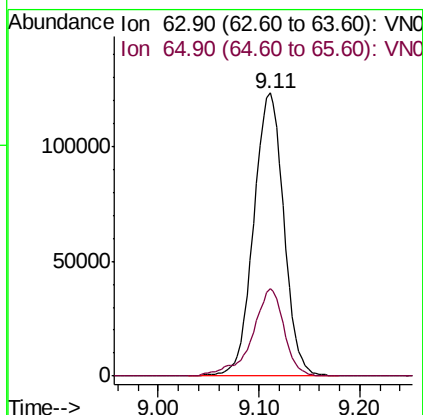
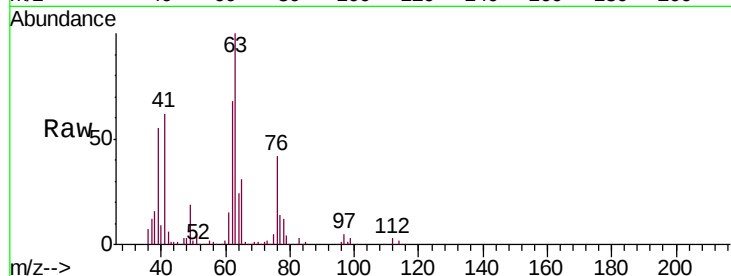
VSTDCCC050EC

Tgt Ion: 63 Resp: 255318

Ion Ratio Lower Upper

63 100

65 31.1 24.7 37.1



#46

Dibromomethane

Concen: 48.278 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN057511.D

Acq: 26 Aug 2019 14:59

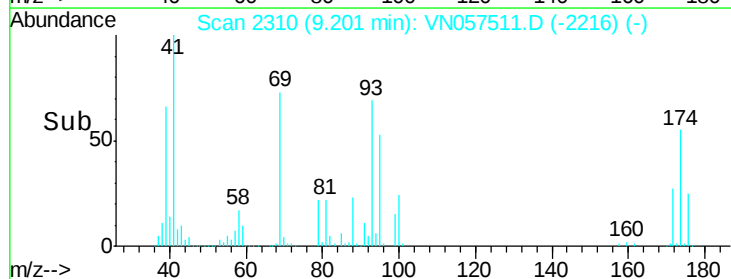
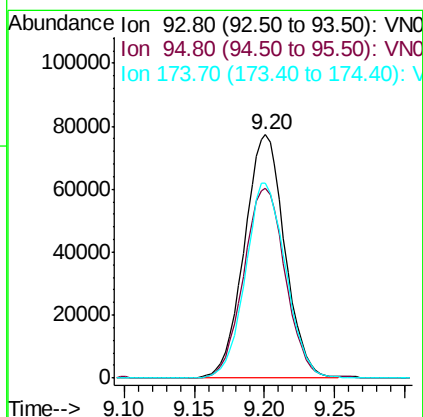
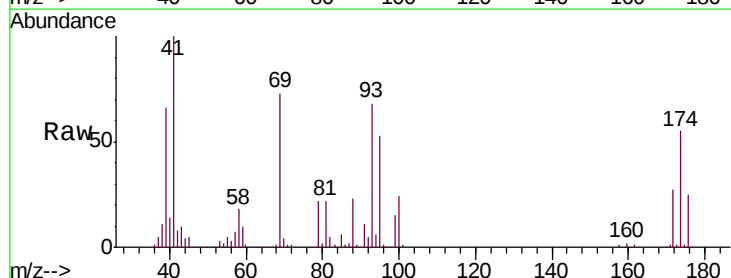
Tgt Ion: 93 Resp: 154978

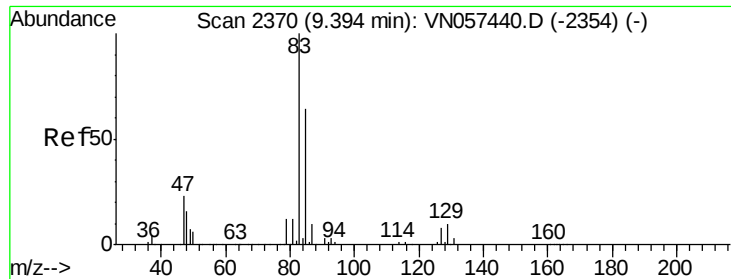
Ion Ratio Lower Upper

93 100

95 80.8 64.7 97.1

174 80.3 62.3 93.5

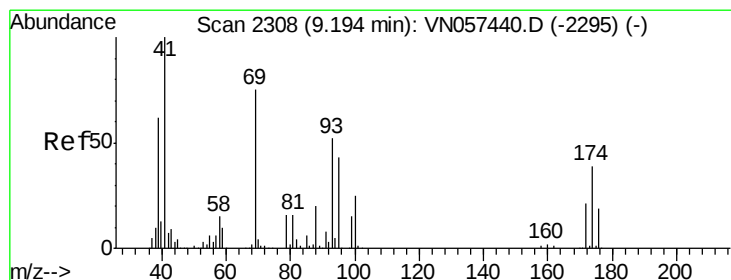
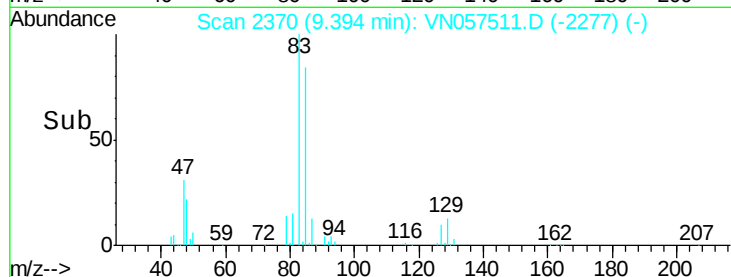
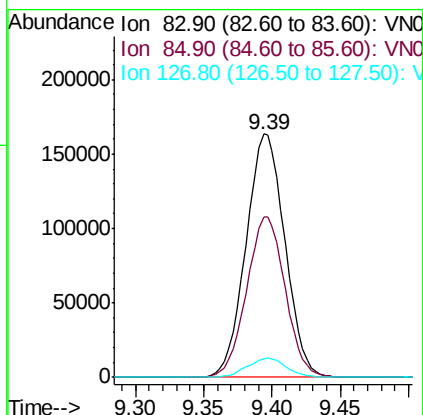
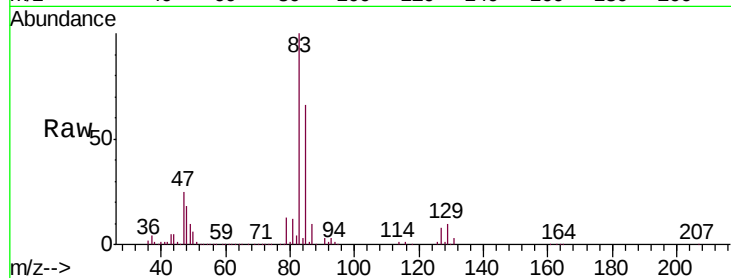




#47
 Bromodichloromethane
 Concen: 44.720 ug/l
 RT: 9.39 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: VN057511.D
 Acq: 26 Aug 2019 14:59

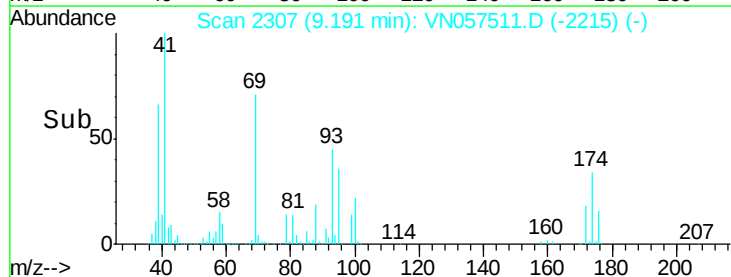
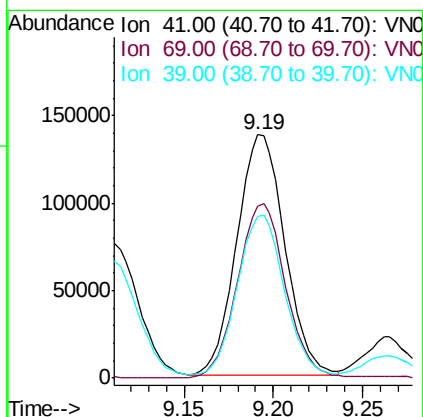
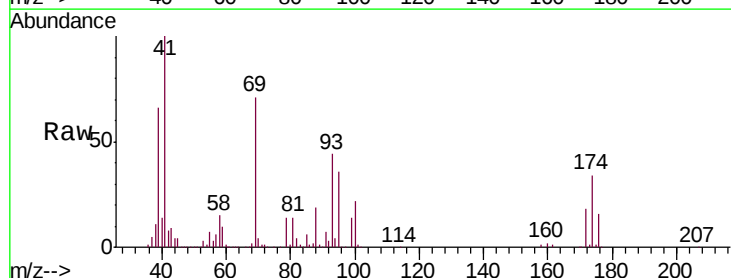
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

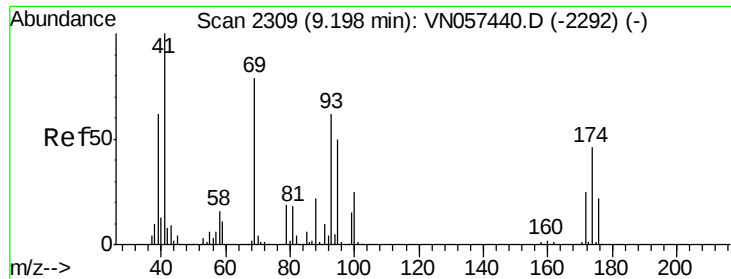
Tgt Ion: 83 Resp: 323133
 Ion Ratio Lower Upper
 83 100
 85 65.9 51.2 76.8
 127 7.7 6.6 10.0



#48
 Methyl methacrylate
 Concen: 46.346 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN057511.D
 Acq: 26 Aug 2019 14:59

Tgt Ion: 41 Resp: 258730
 Ion Ratio Lower Upper
 41 100
 69 72.9 59.3 88.9
 39 66.9 50.6 75.8

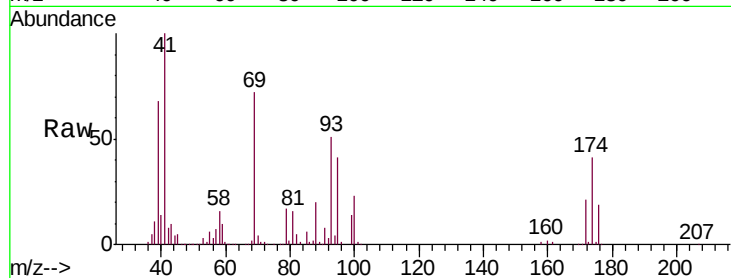




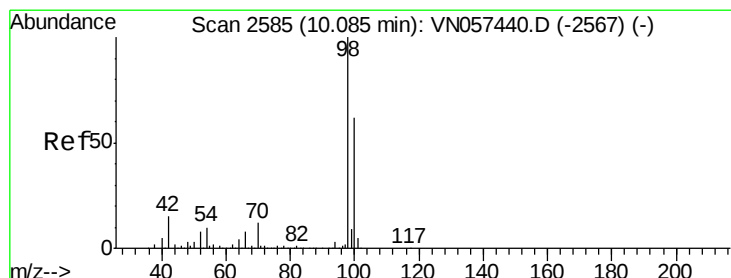
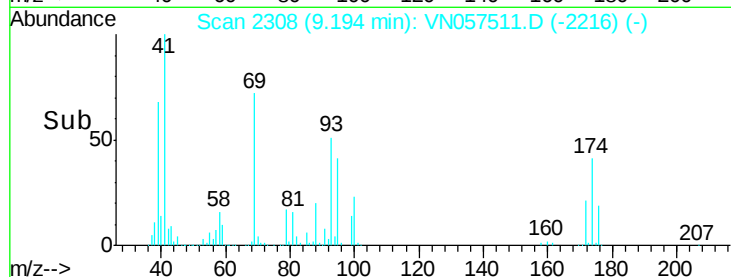
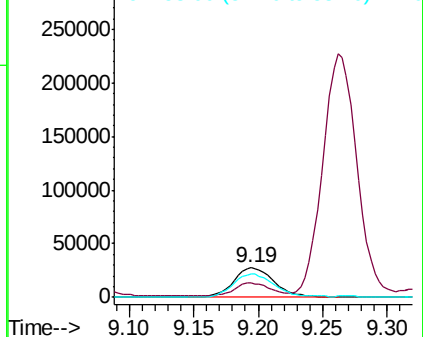
#49
 1,4-Dioxane
 Concen: 853.615 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. -0.00 min
 Lab File: VN057511.D
 Acq: 26 Aug 2019 14:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 88 Resp: 61623
 Ion Ratio Lower Upper
 88 100
 43 39.4 31.0 46.6
 58 78.0 64.5 96.7

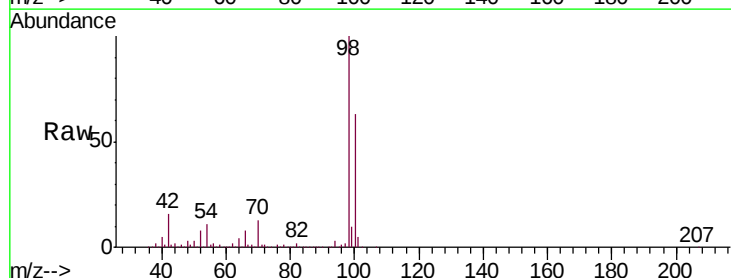


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

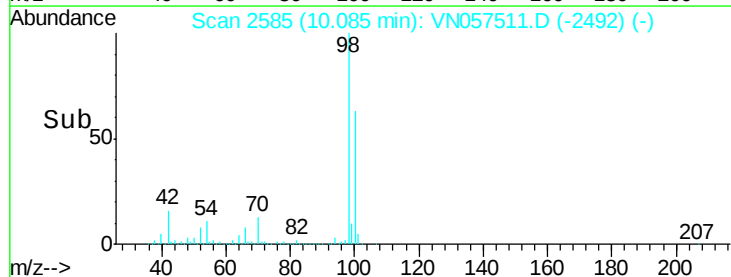
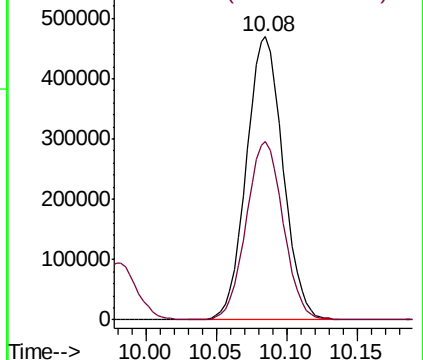


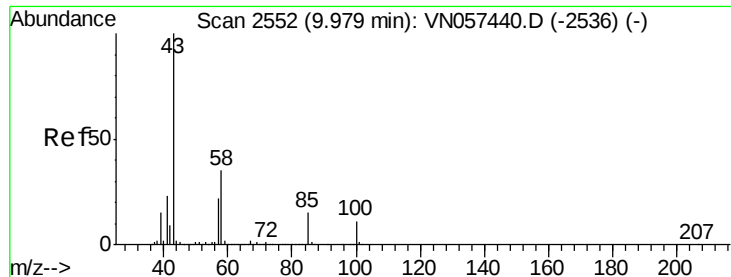
#50
 Toluene-d8
 Concen: 52.759 ug/l
 RT: 10.08 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: VN057511.D
 Acq: 26 Aug 2019 14:59

Tgt Ion: 98 Resp: 854468
 Ion Ratio Lower Upper
 98 100
 100 63.3 50.4 75.6



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

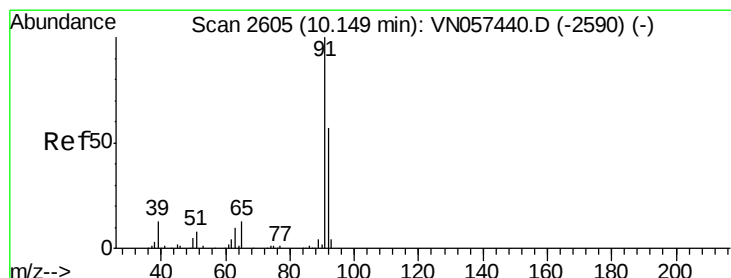
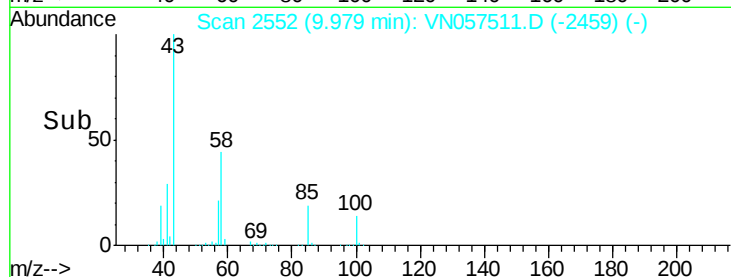
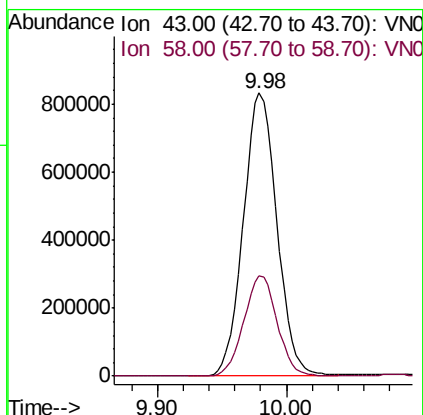
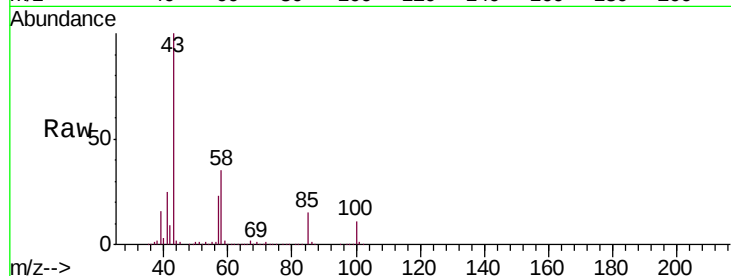




#51
 4-Methyl-2-Pentanone
 Concen: 230.679 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. -0.00 min
 Lab File: VN057511.D
 Acq: 26 Aug 2019 14:59

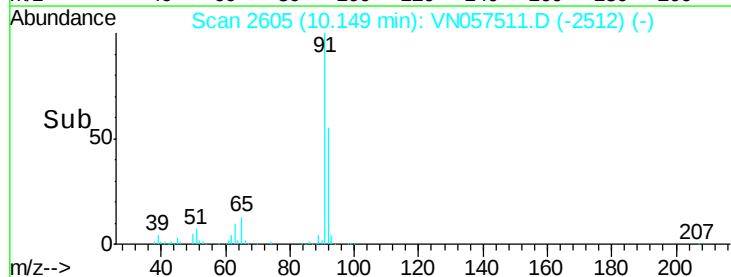
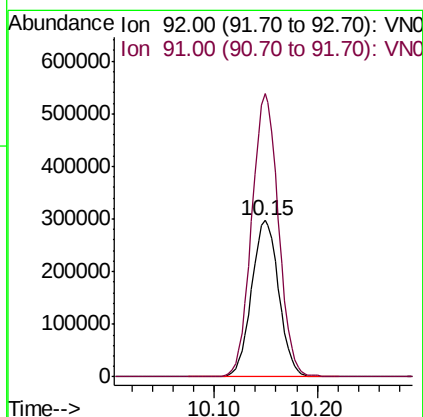
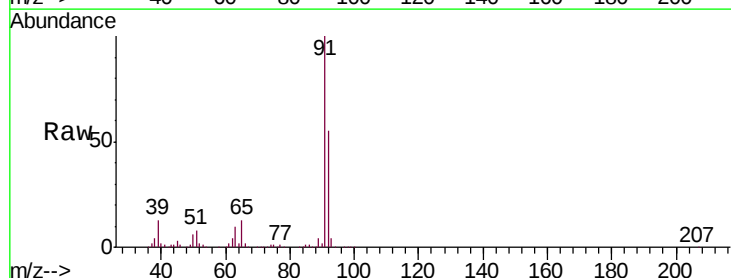
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

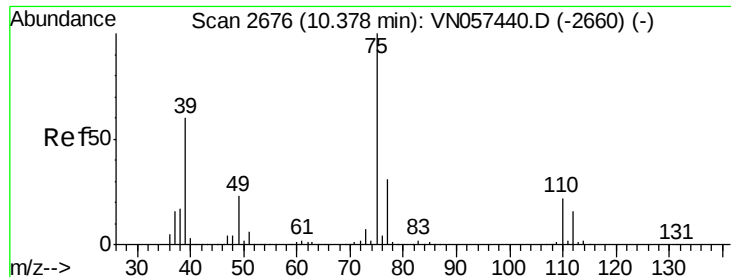
Tgt Ion: 43 Resp: 1509300
 Ion Ratio Lower Upper
 43 100
 58 35.3 27.9 41.9



#52
 Toluene
 Concen: 48.464 ug/l
 RT: 10.15 min Scan# 2605
 Delta R.T. -0.00 min
 Lab File: VN057511.D
 Acq: 26 Aug 2019 14:59

Tgt Ion: 92 Resp: 543228
 Ion Ratio Lower Upper
 92 100
 91 177.8 140.9 211.3

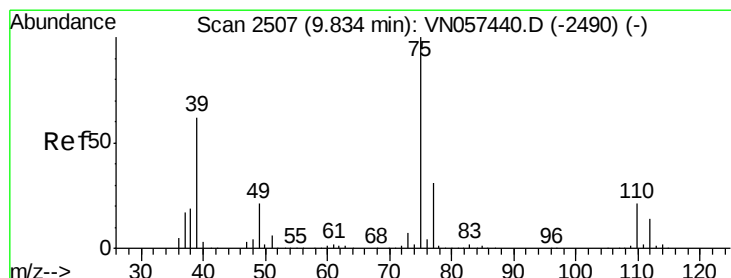
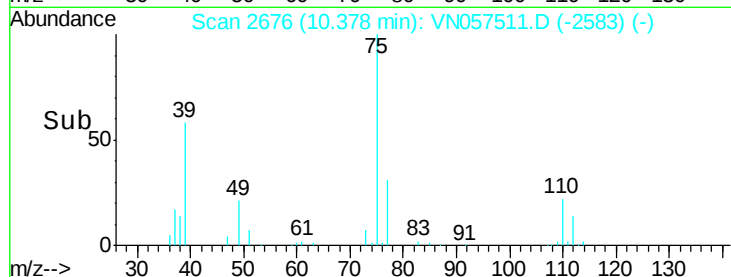
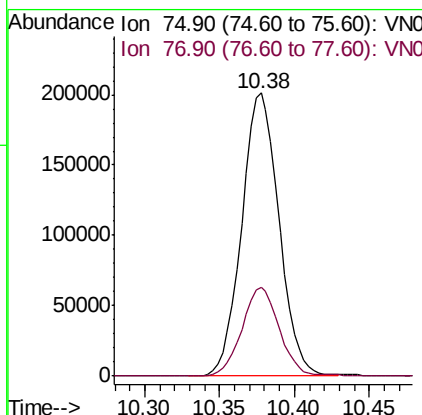
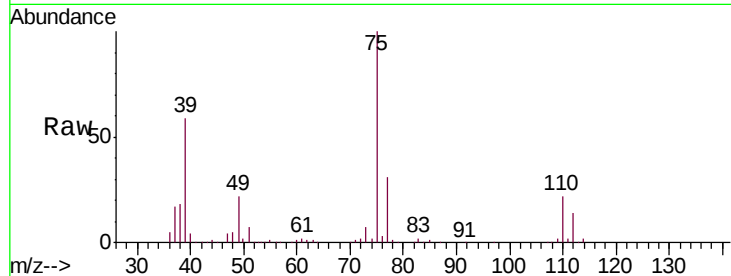




#53
 t-1,3-Dichloropropene
 Concen: 46.126 ug/l
 RT: 10.38 min Scan# 2676
 Delta R.T. -0.00 min
 Lab File: VN057511.D
 Acq: 26 Aug 2019 14:59

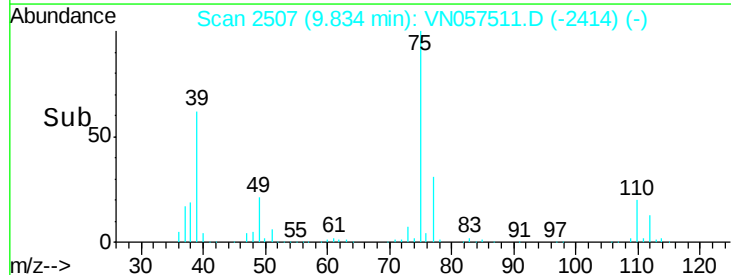
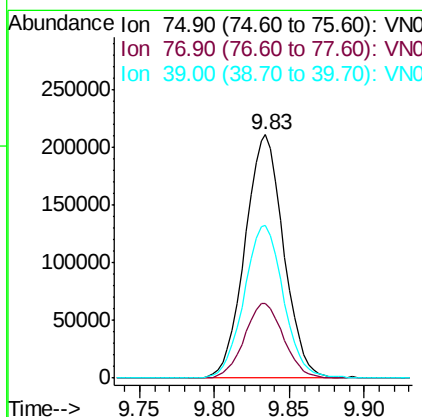
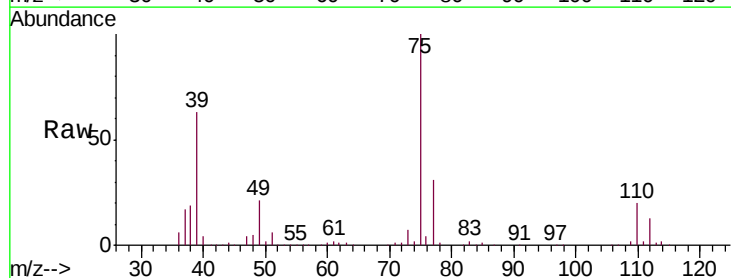
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

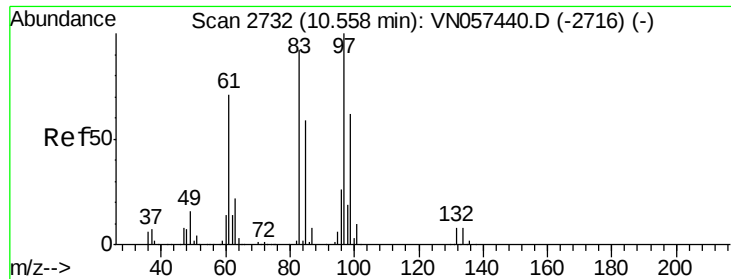
Tgt Ion: 75 Resp: 349115
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 44.845 ug/l
 RT: 9.83 min Scan# 2507
 Delta R.T. -0.00 min
 Lab File: VN057511.D
 Acq: 26 Aug 2019 14:59

Tgt Ion: 75 Resp: 377908
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.0 37.6
 39 62.2 49.2 73.8

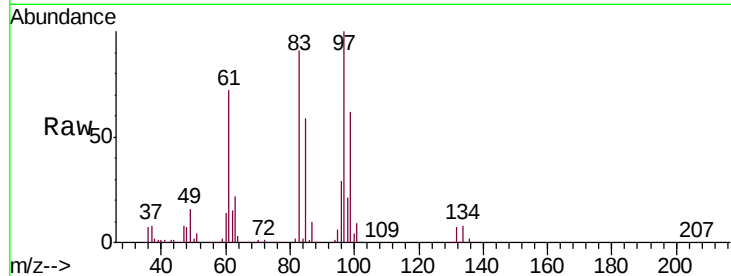




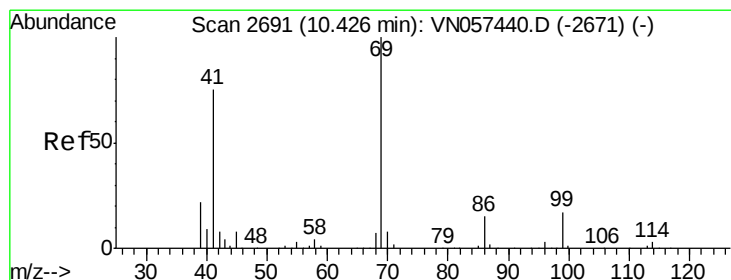
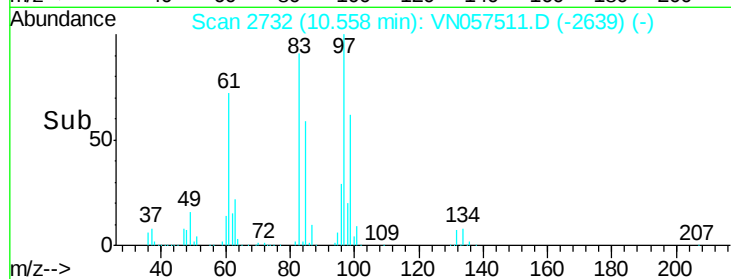
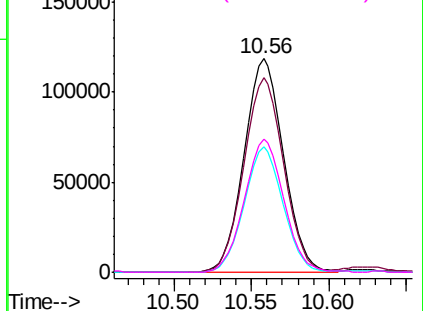
#55
 1,1,2-Trichloroethane
 Concen: 46.507 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. -0.00 min
 Lab File: VN057511.D
 Acq: 26 Aug 2019 14:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 210809
 Ion Ratio Lower Upper
 97 100
 83 91.1 73.7 110.5
 85 58.6 46.8 70.2
 99 62.1 49.8 74.8

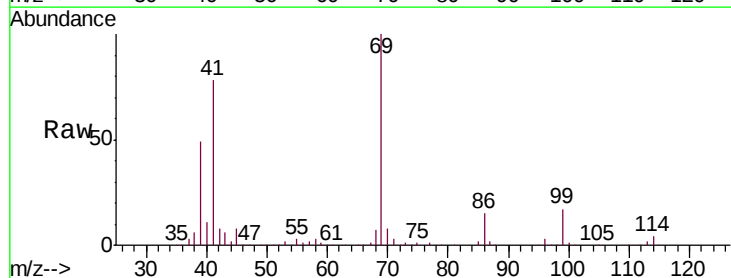


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

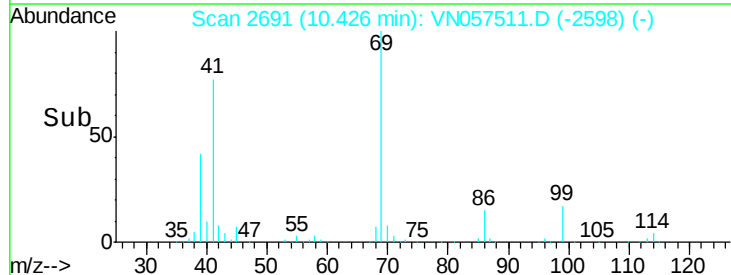
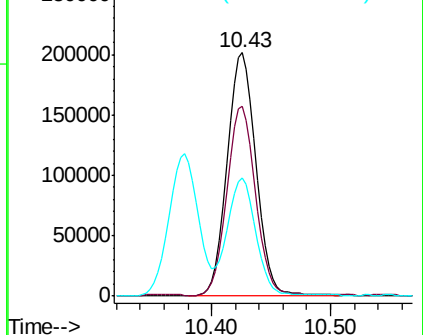


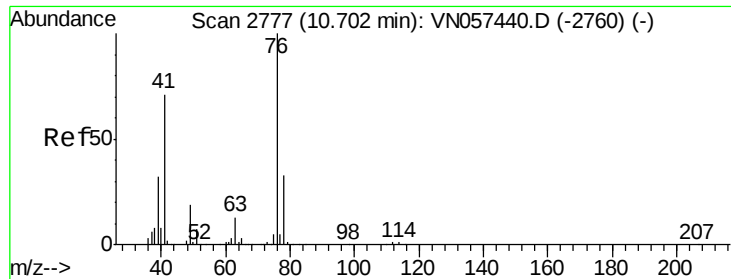
#56
 Ethyl methacrylate
 Concen: 47.632 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. -0.00 min
 Lab File: VN057511.D
 Acq: 26 Aug 2019 14:59

Tgt Ion: 69 Resp: 339636
 Ion Ratio Lower Upper
 69 100
 41 76.5 60.8 91.2
 39 46.5 36.5 54.7



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





#57

1,3-Dichloropropane

Concen: 48.322 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. -0.00 min

Lab File: VN057511.D

Acq: 26 Aug 2019 14:59

Instrument :

MSVOA_N

ClientSampleId :

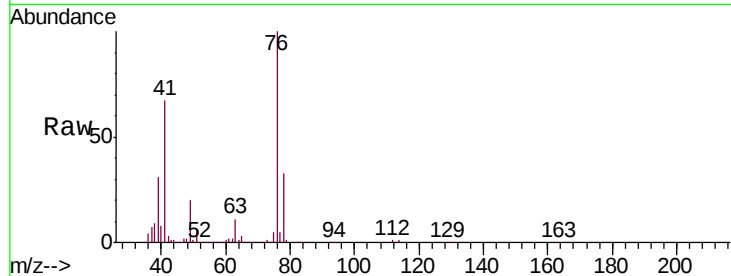
VSTDCCC050EC

Tgt Ion: 76 Resp: 381214

Ion Ratio Lower Upper

76 100

78 32.3 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN057511.D (-2684) (-)

Ion 77.90 (77.60 to 78.60): VN057511.D (-2684) (-)

10.70

200000

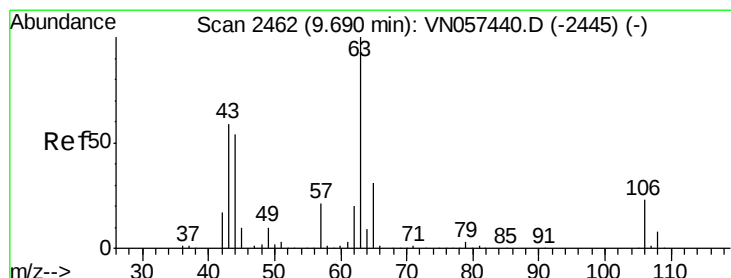
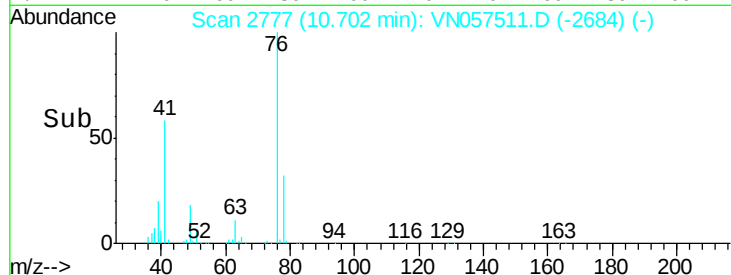
150000

100000

50000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 278.382 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057511.D

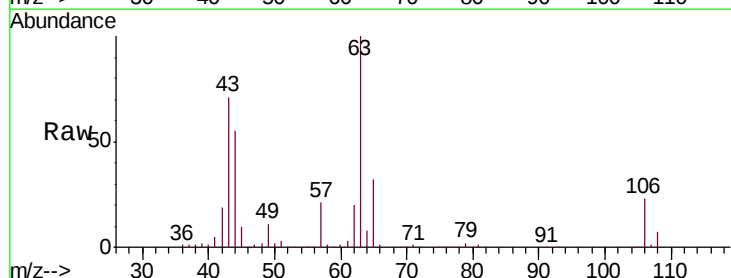
Acq: 26 Aug 2019 14:59

Tgt Ion: 63 Resp: 556962

Ion Ratio Lower Upper

63 100

106 22.3 18.6 27.8



Abundance Ion 62.90 (62.60 to 63.60): VN057511.D (-2369) (-)

Ion 105.90 (105.60 to 106.60): VN057511.D (-2369) (-)

9.69

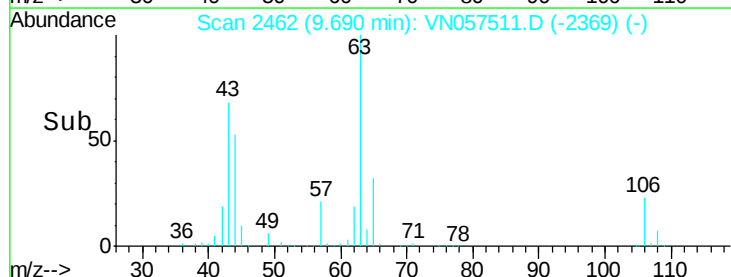
300000

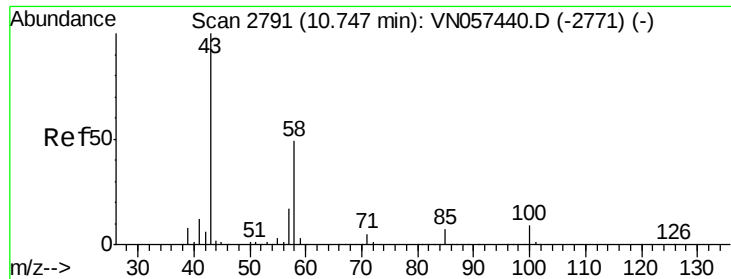
200000

100000

0

Time--> 9.60 9.70 9.80

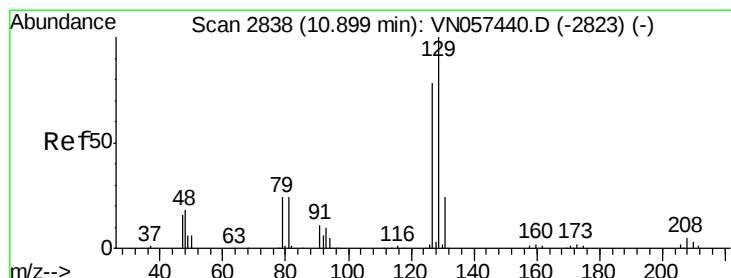
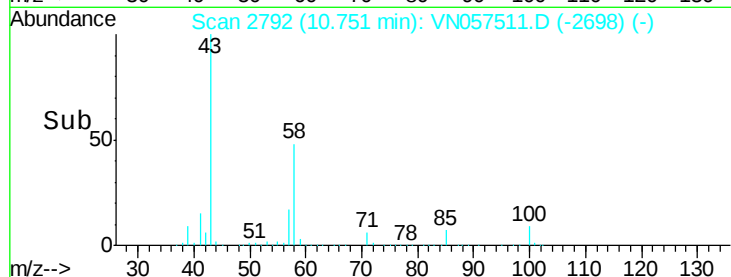
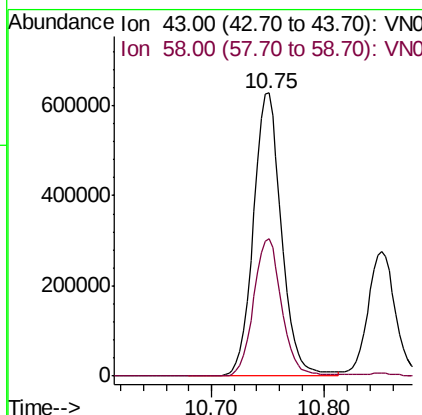
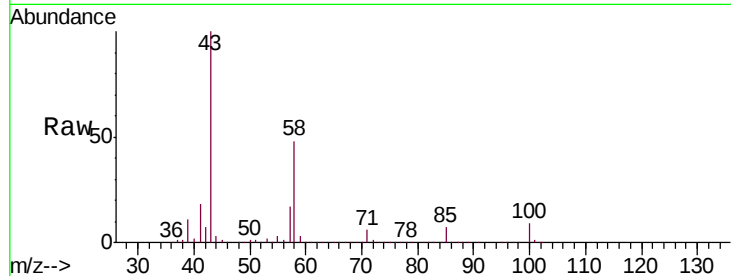




#59
2-Hexanone
Concen: 240.366 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057511.D
Acq: 26 Aug 2019 14:59

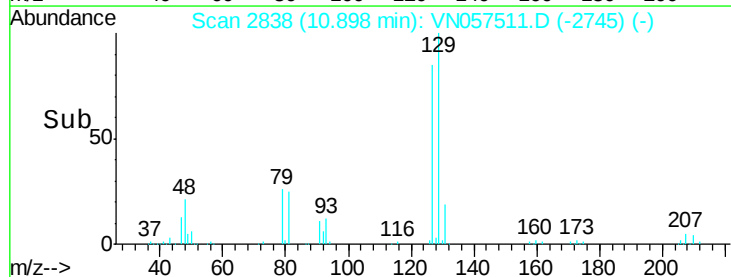
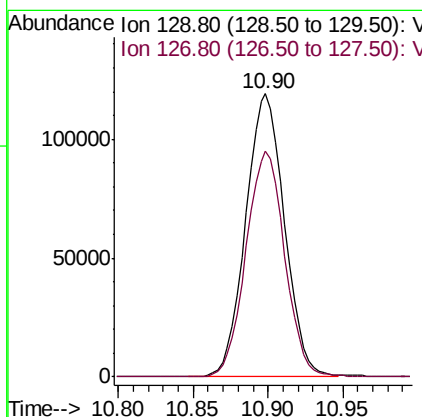
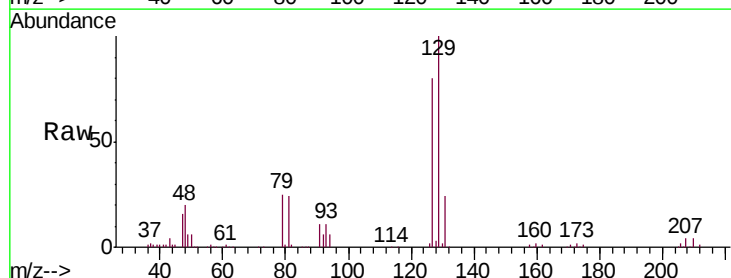
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

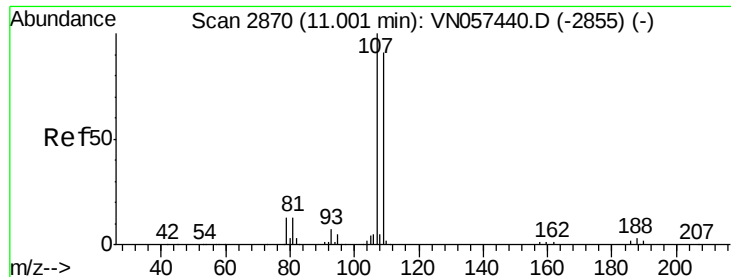
Tgt Ion: 43 Resp: 1078673
Ion Ratio Lower Upper
43 100
58 48.8 24.6 73.6



#60
Dibromochloromethane
Concen: 44.834 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN057511.D
Acq: 26 Aug 2019 14:59

Tgt Ion: 129 Resp: 214764
Ion Ratio Lower Upper
129 100
127 79.6 39.0 116.9

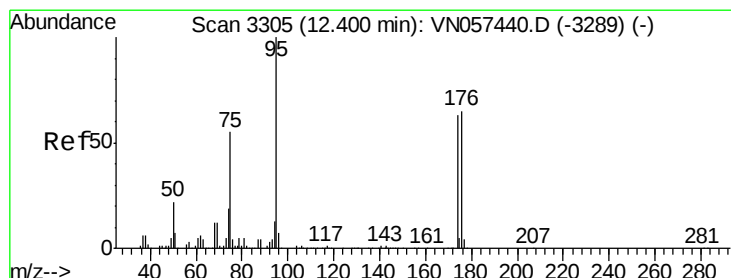
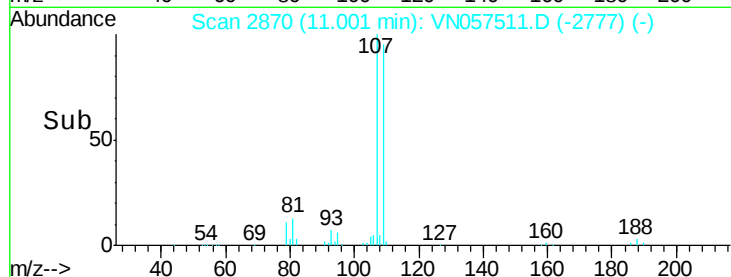
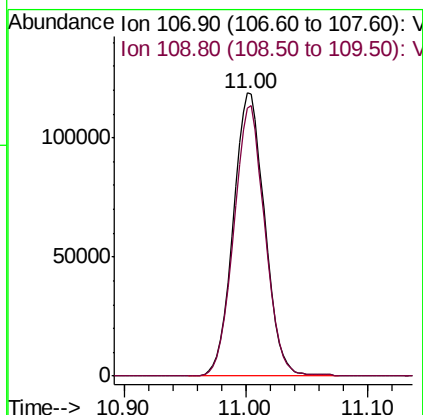
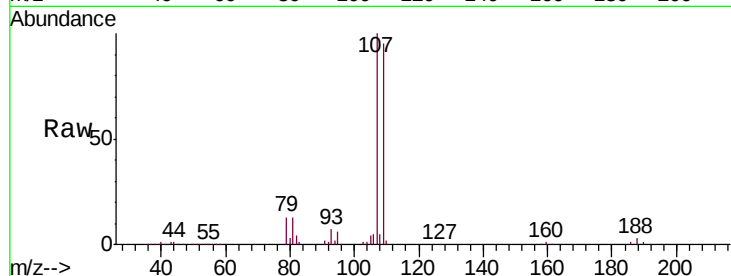




#61
 1,2-Dibromoethane
 Concen: 47.757 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. -0.00 min
 Lab File: VN057511.D
 Acq: 26 Aug 2019 14:59

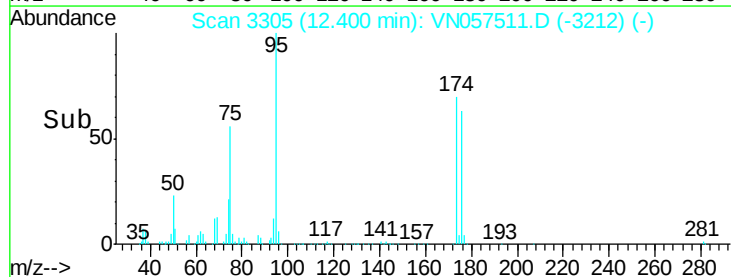
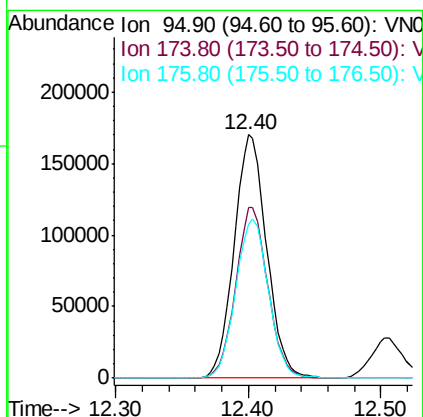
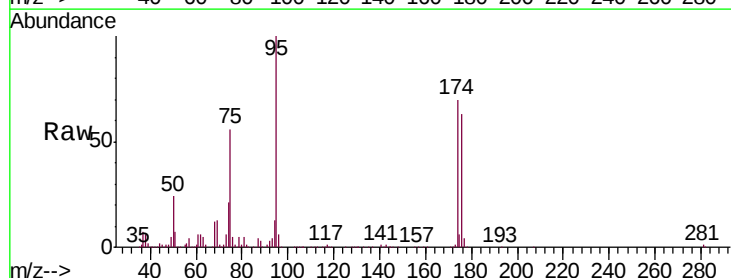
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

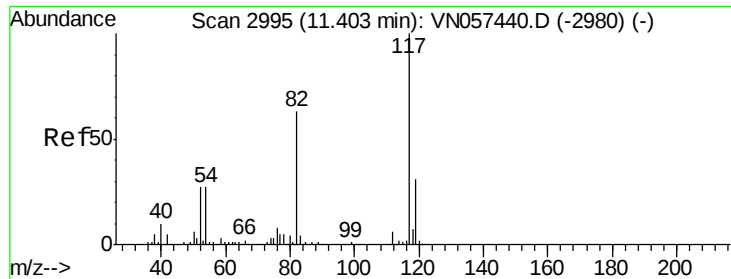
Tgt Ion: 107 Resp: 212321
 Ion Ratio Lower Upper
 107 100
 109 94.2 73.8 110.8



#62
 4-Bromofluorobenzene
 Concen: 52.885 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN057511.D
 Acq: 26 Aug 2019 14:59

Tgt Ion: 95 Resp: 290259
 Ion Ratio Lower Upper
 95 100
 174 69.2 0.0 133.0
 176 65.8 0.0 130.8

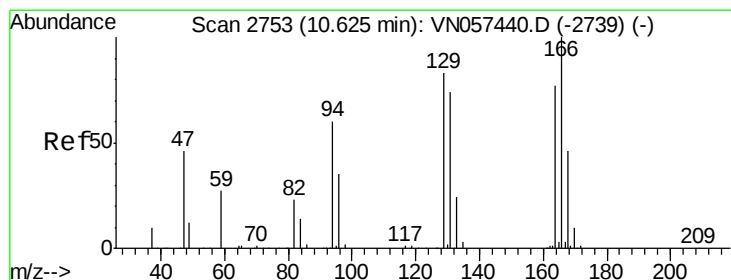
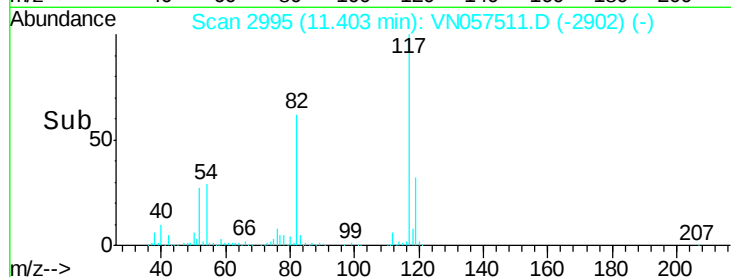
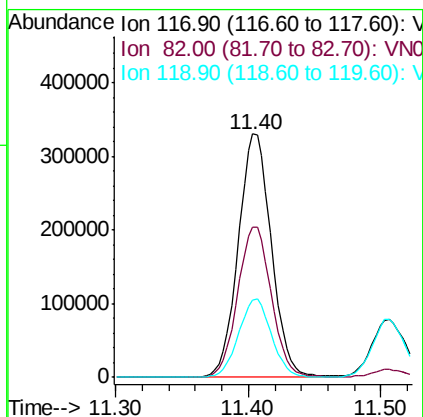
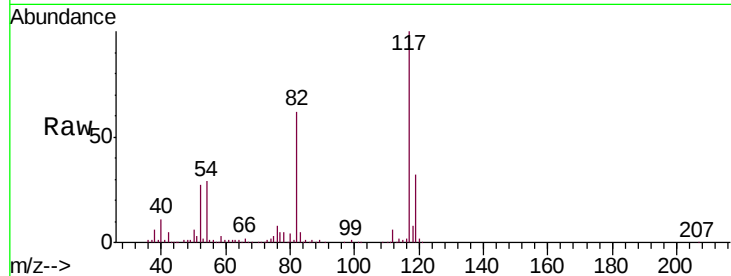




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN057511.D
Acq: 26 Aug 2019 14:59

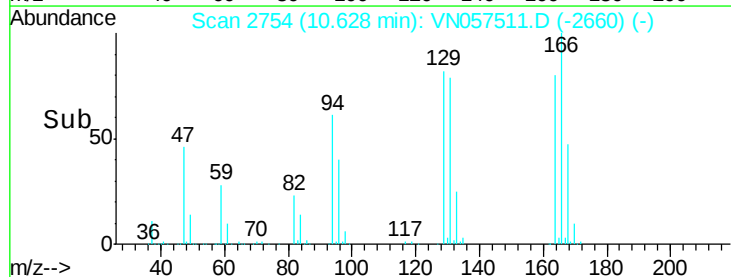
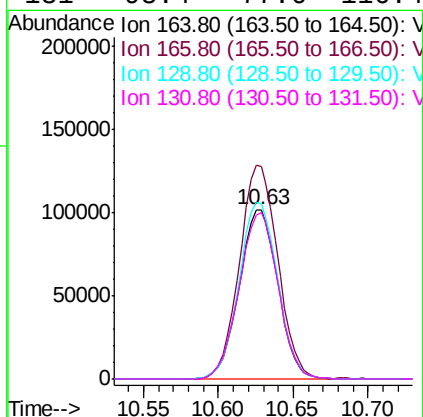
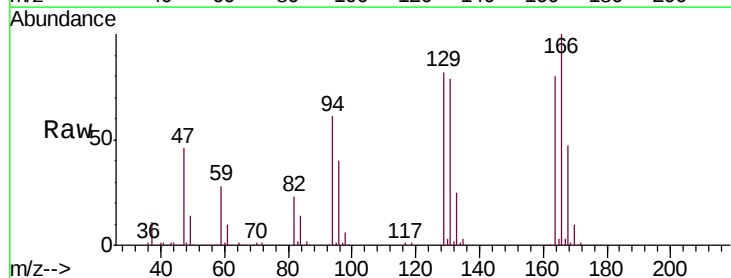
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

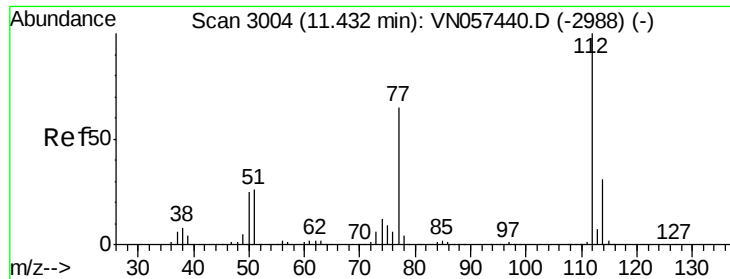
Tgt Ion:117 Resp: 572518
Ion Ratio Lower Upper
117 100
82 61.8 50.6 75.8
119 31.8 24.6 36.8



#64
Tetrachloroethene
Concen: 45.762 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057511.D
Acq: 26 Aug 2019 14:59

Tgt Ion:164 Resp: 183296
Ion Ratio Lower Upper
164 100
166 125.0 104.4 156.6
129 103.1 86.6 130.0
131 98.4 77.6 116.4

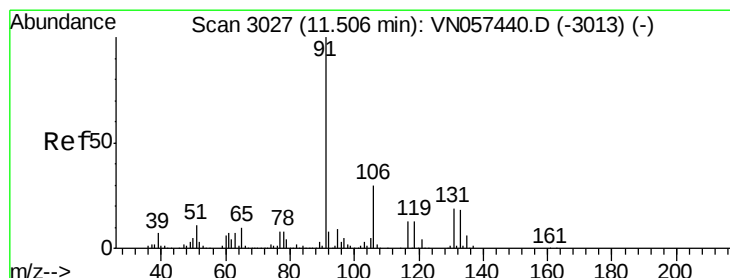
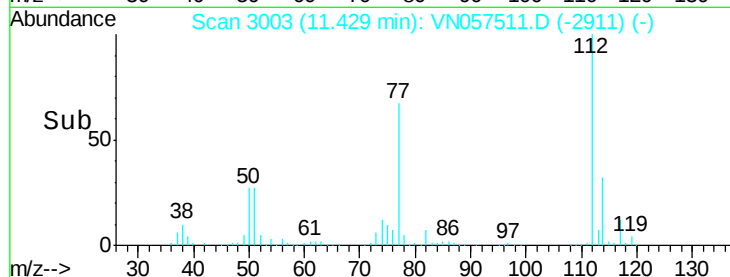
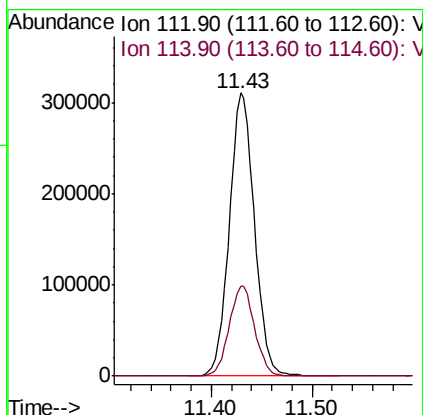
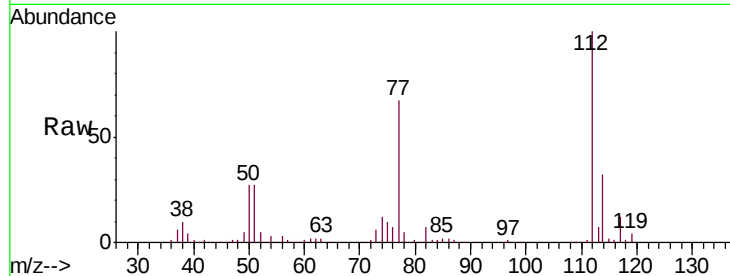




#65
Chlorobenzene
Concen: 46.553 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN057511.D
Acq: 26 Aug 2019 14:59

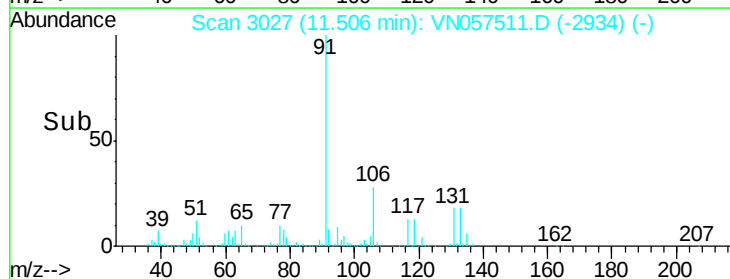
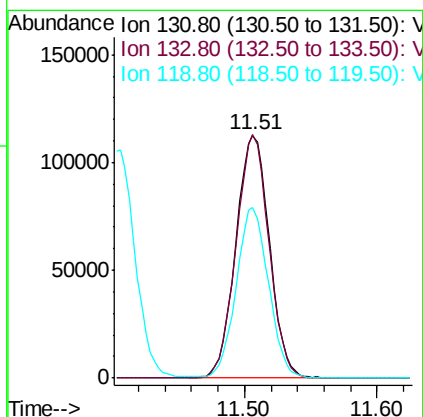
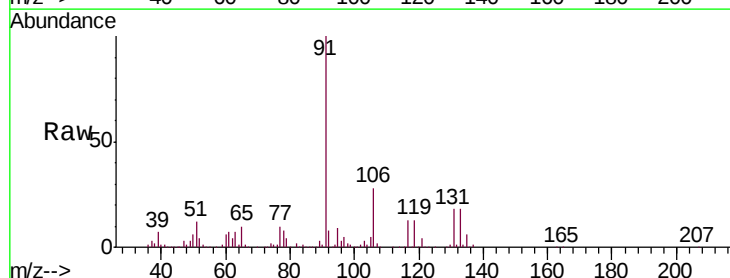
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

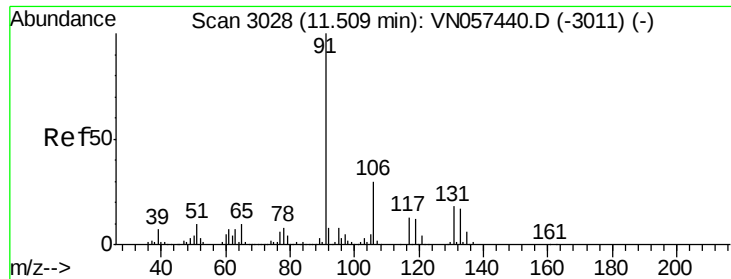
Tgt Ion:112 Resp: 538764
Ion Ratio Lower Upper
112 100
114 31.7 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 44.677 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN057511.D
Acq: 26 Aug 2019 14:59

Tgt Ion:131 Resp: 198300
Ion Ratio Lower Upper
131 100
133 97.9 47.6 142.8
119 67.2 34.4 103.2

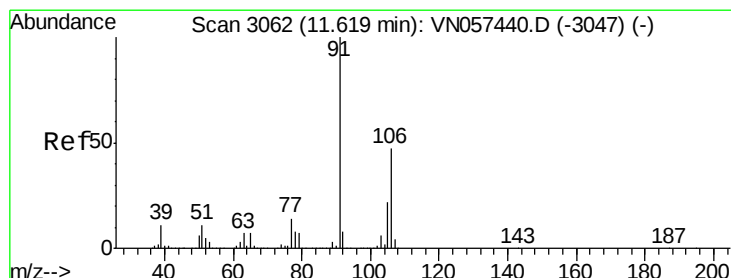
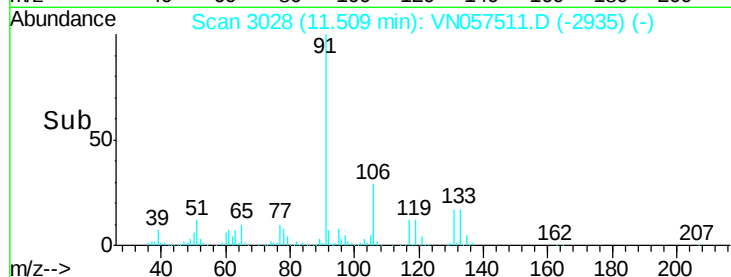
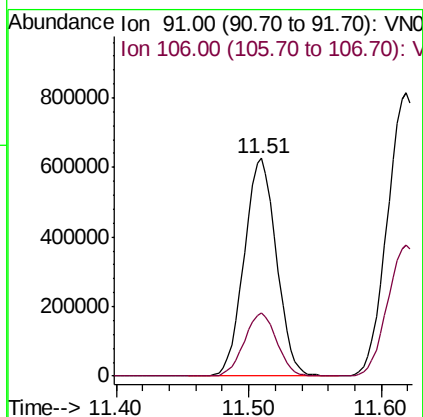
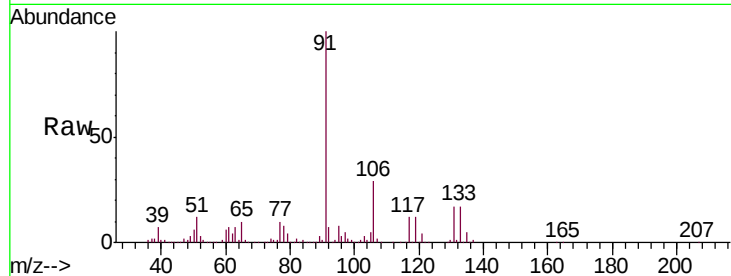




#67
Ethyl Benzene
Concen: 47.227 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN057511.D
Acq: 26 Aug 2019 14:59

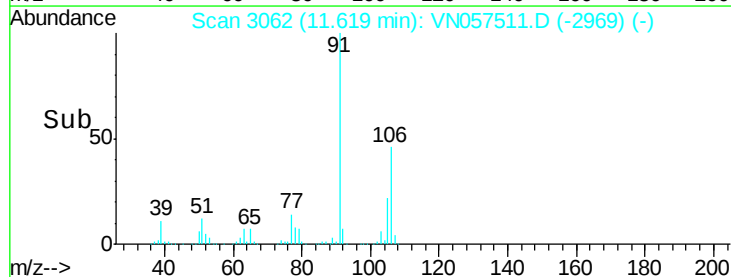
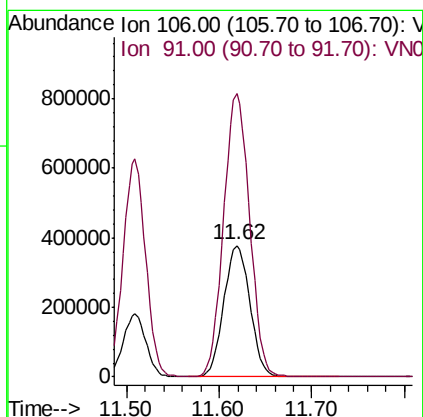
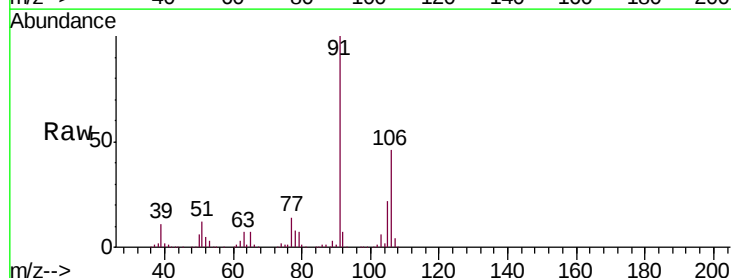
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

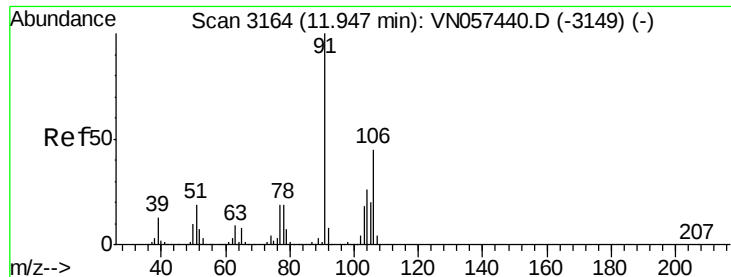
Tgt Ion: 91 Resp: 1057935
Ion Ratio Lower Upper
91 100
106 28.8 24.1 36.1



#68
m/p-Xylenes
Concen: 97.177 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN057511.D
Acq: 26 Aug 2019 14:59

Tgt Ion: 106 Resp: 740309
Ion Ratio Lower Upper
106 100
91 214.4 171.8 257.6

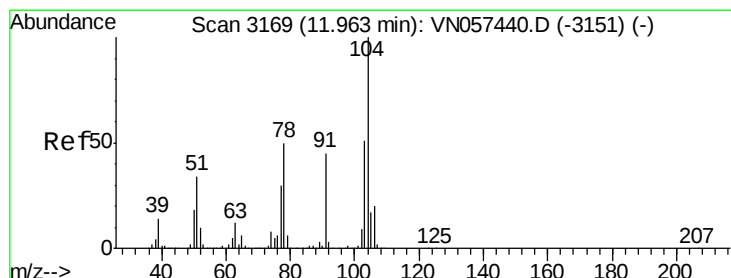
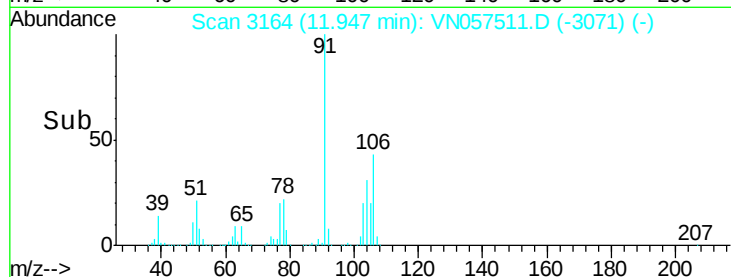
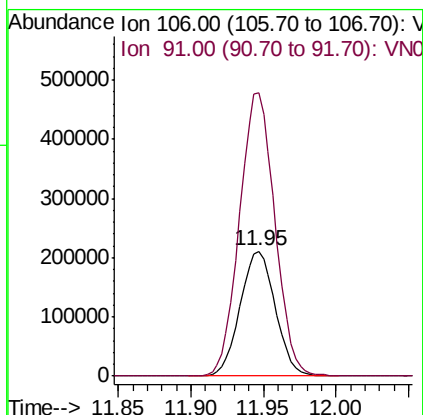
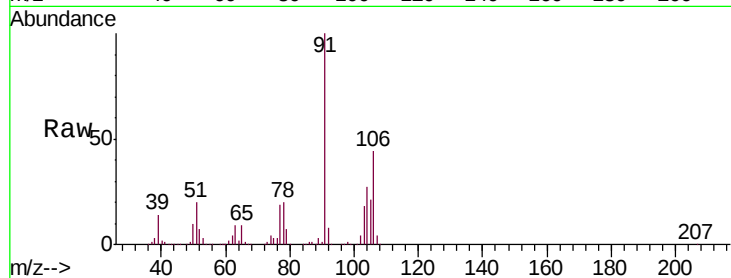




#69
o-Xylene
Concen: 47.292 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN057511.D
Acq: 26 Aug 2019 14:59

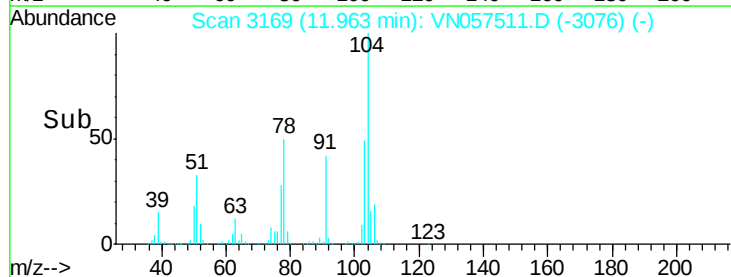
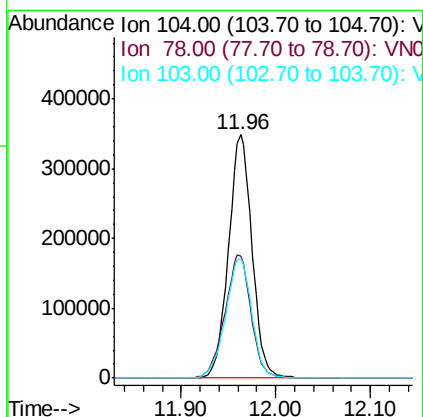
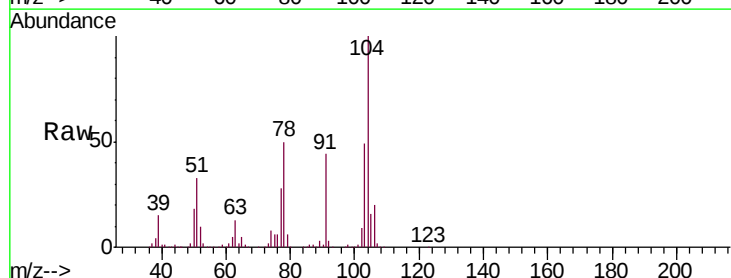
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

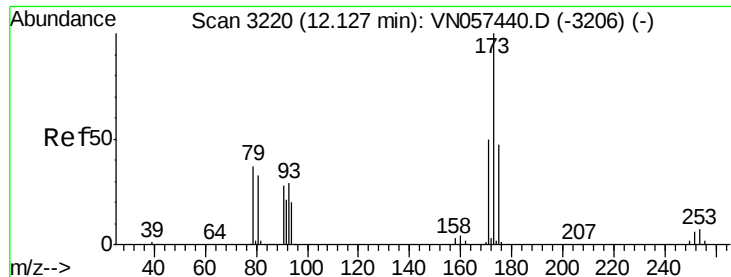
Tgt Ion:106 Resp: 356894
Ion Ratio Lower Upper
106 100
91 227.9 112.3 336.9



#70
Styrene
Concen: 50.255 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN057511.D
Acq: 26 Aug 2019 14:59

Tgt Ion:104 Resp: 600533
Ion Ratio Lower Upper
104 100
78 56.2 44.7 67.1
103 54.9 44.4 66.6





#71

Bromoform

Concen: 43.494 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN057511.D

Acq: 26 Aug 2019 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

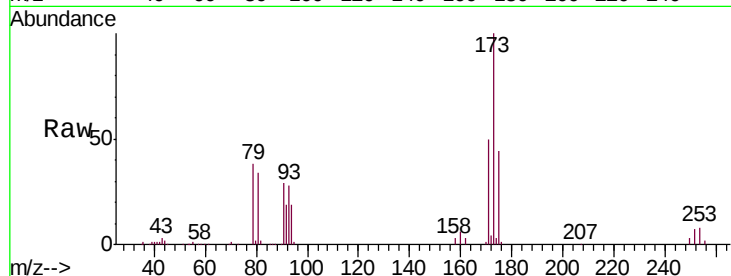
Tgt Ion:173 Resp: 130499

Ion Ratio Lower Upper

173 100

175 46.9 23.9 71.8

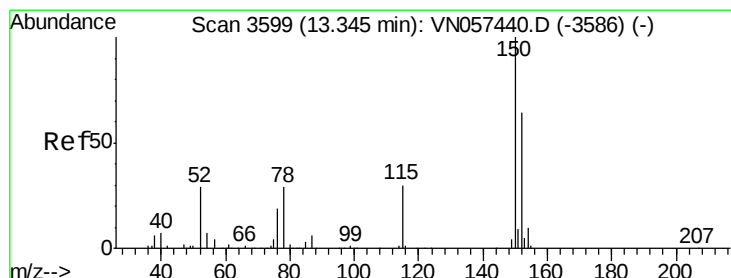
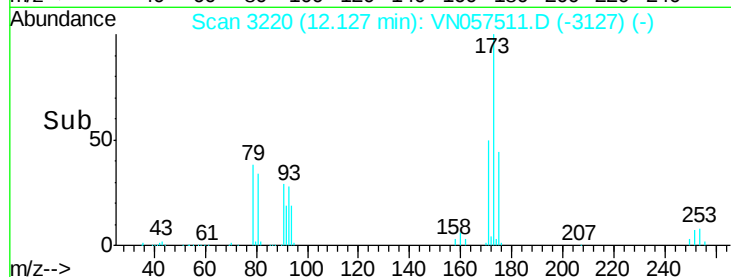
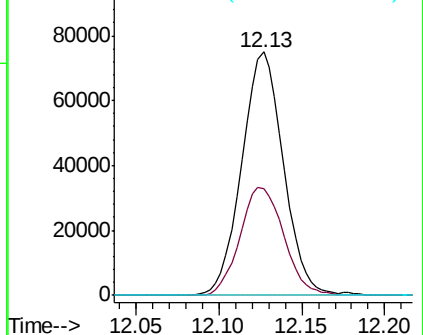
254 0.0 0.1 0.1#



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# 3599

Delta R.T. -0.00 min

Lab File: VN057511.D

Acq: 26 Aug 2019 14:59

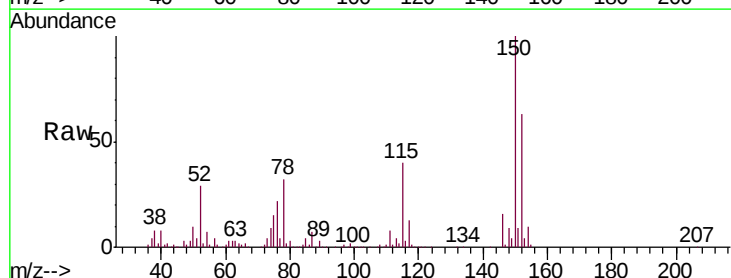
Tgt Ion:152 Resp: 221291

Ion Ratio Lower Upper

152 100

115 63.4 32.0 96.0

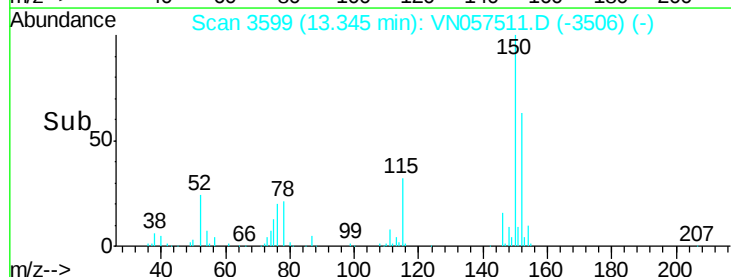
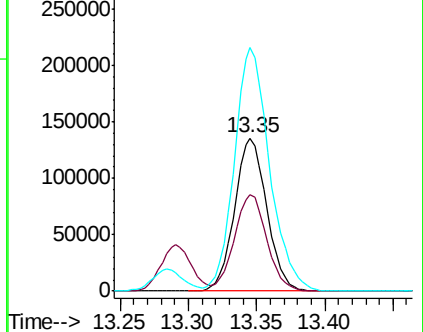
150 174.4 0.0 346.6

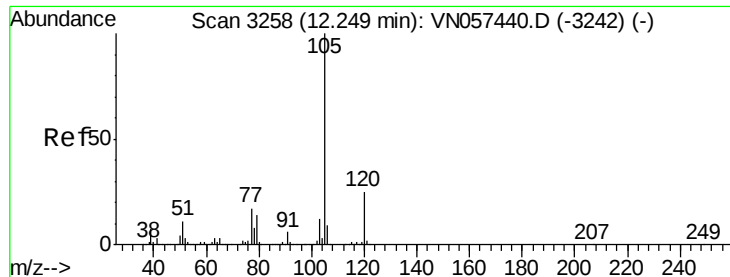


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.335 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057511.D

Acq: 26 Aug 2019 14:59

Instrument :

MSVOA_N

ClientSampleId :

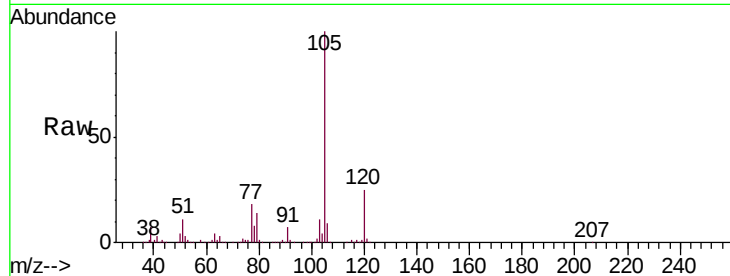
VSTDCCC050EC

Tgt Ion:105 Resp: 987913

Ion Ratio Lower Upper

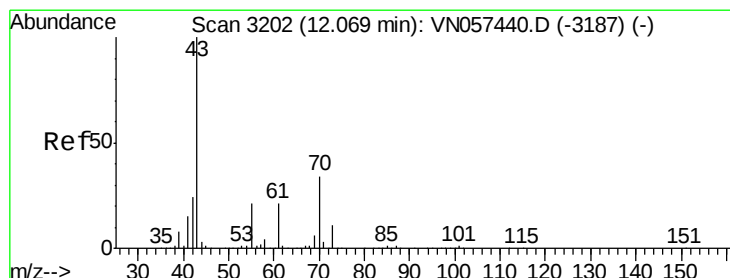
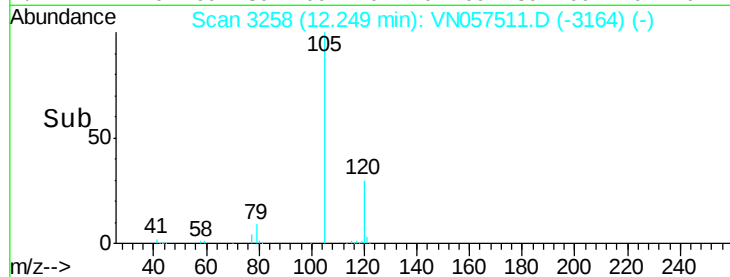
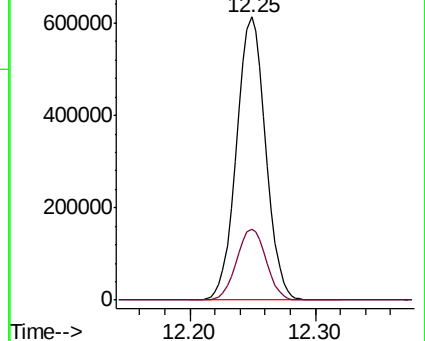
105 100

120 25.6 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.224 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057511.D

Acq: 26 Aug 2019 14:59

Tgt Ion: 43 Resp: 438354

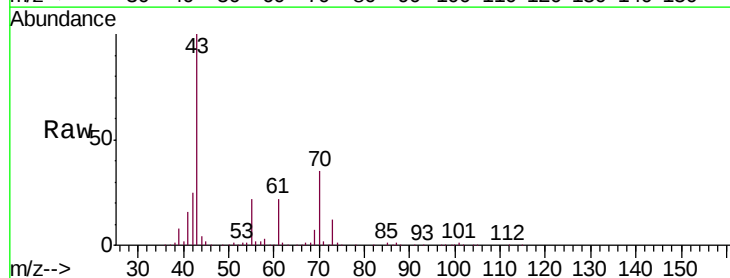
Ion Ratio Lower Upper

43 100

70 35.4 27.8 41.6

55 21.4 17.0 25.4

61 21.5 17.0 25.6

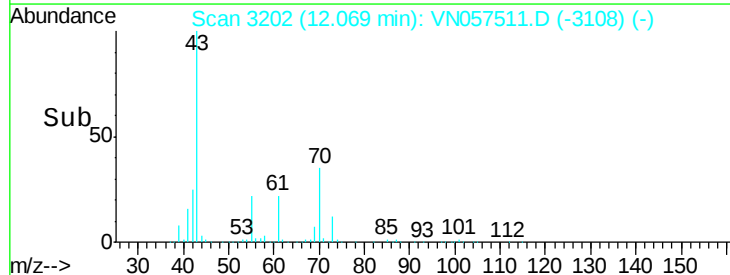
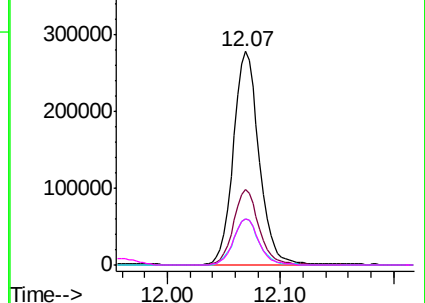


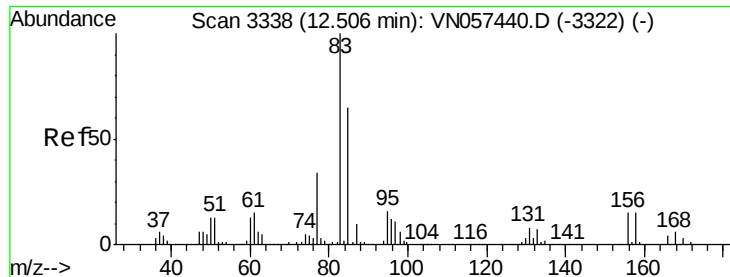
Abundance Ion 43.00 (42.70 to 43.70): V

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: 50.784 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN057511.D

Acq: 26 Aug 2019 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

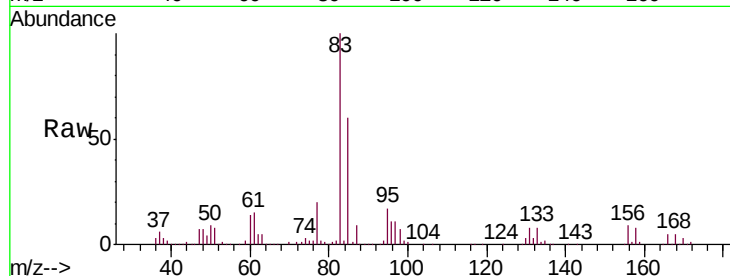
Tgt Ion: 83 Resp: 286809

Ion Ratio Lower Upper

83 100

131 8.9 4.3 13.1

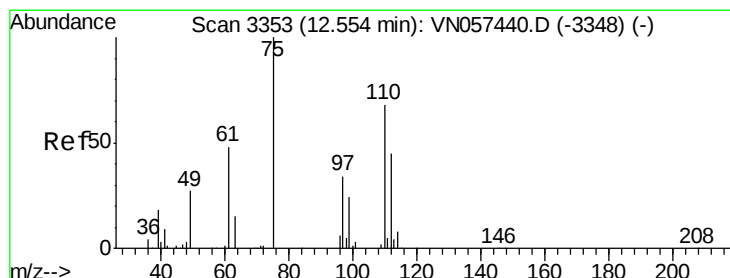
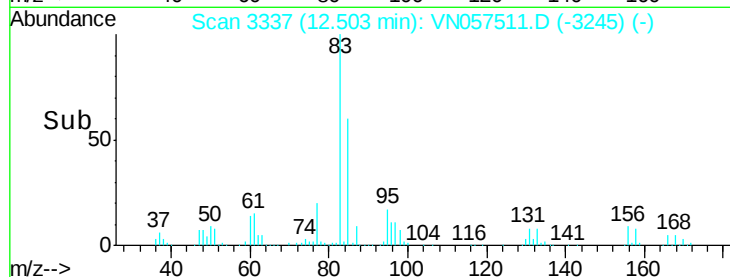
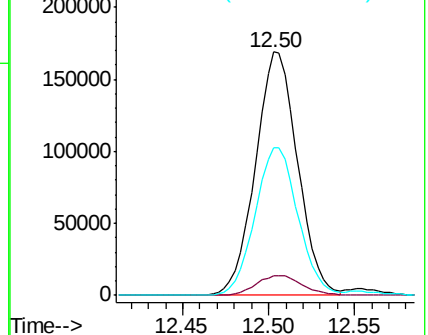
85 61.9 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 77.660 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN057511.D

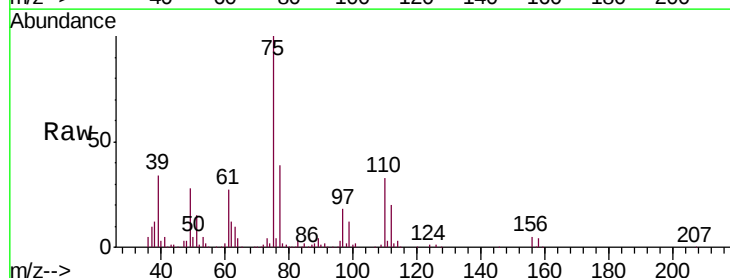
Acq: 26 Aug 2019 14:59

Tgt Ion: 75 Resp: 370262

Ion Ratio Lower Upper

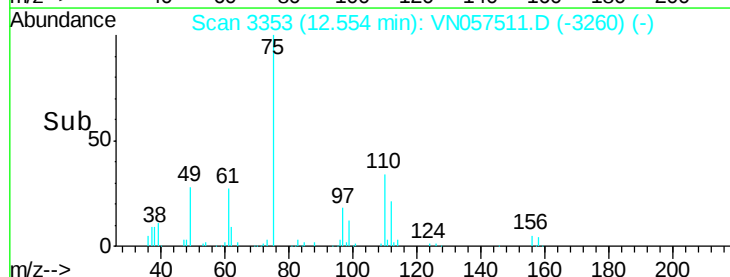
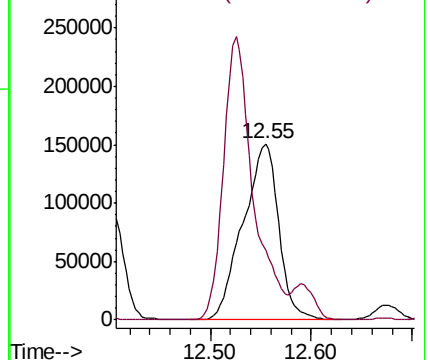
75 100

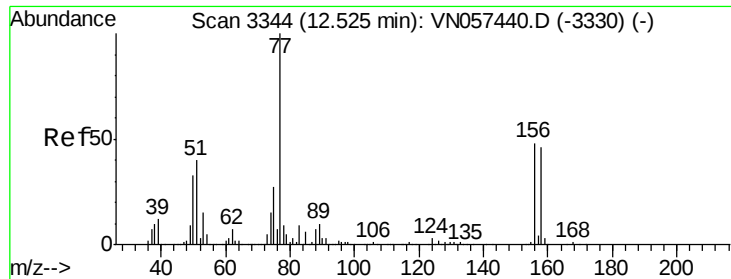
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 49.800 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057511.D

Acq: 26 Aug 2019 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

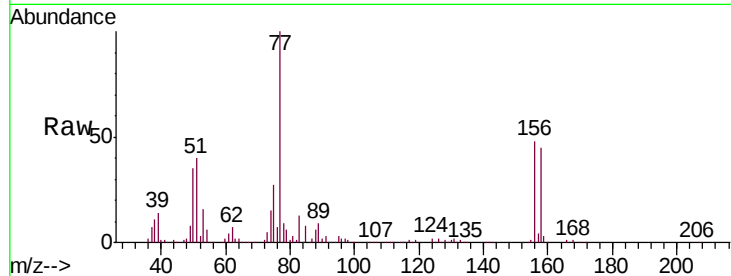
Tgt Ion:156 Resp: 202245

Ion Ratio Lower Upper

156 100

77 248.4 124.4 373.3

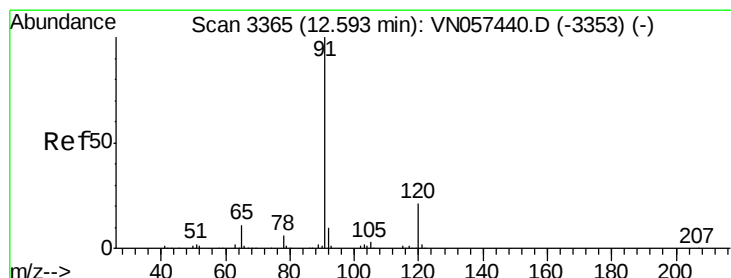
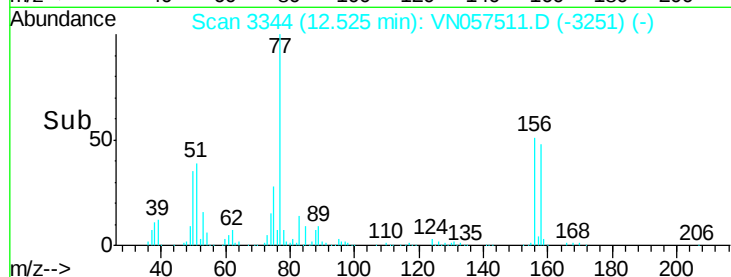
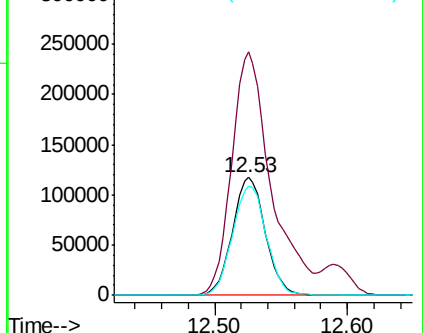
158 95.5 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.380 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN057511.D

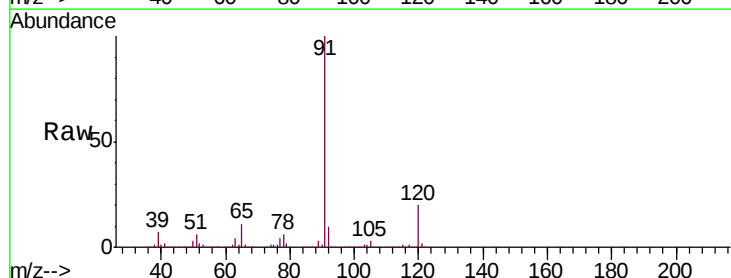
Acq: 26 Aug 2019 14:59

Tgt Ion: 91 Resp: 1133685

Ion Ratio Lower Upper

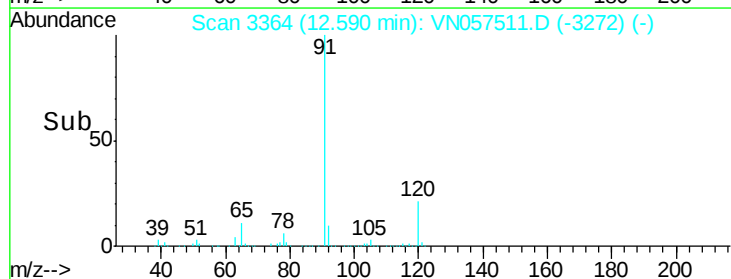
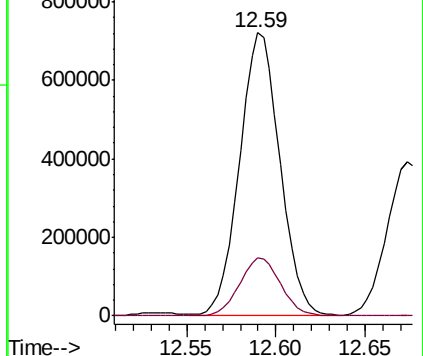
91 100

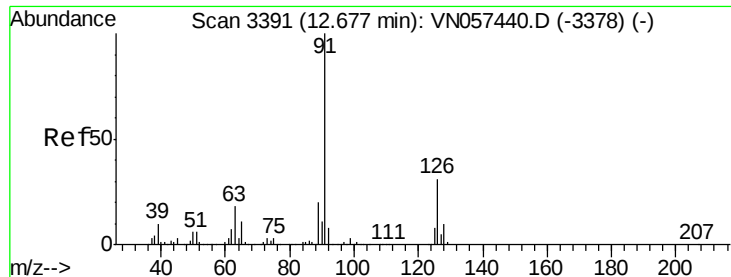
120 20.9 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.923 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN057511.D

Acq: 26 Aug 2019 14:59

Instrument :

MSVOA_N

ClientSampleId :

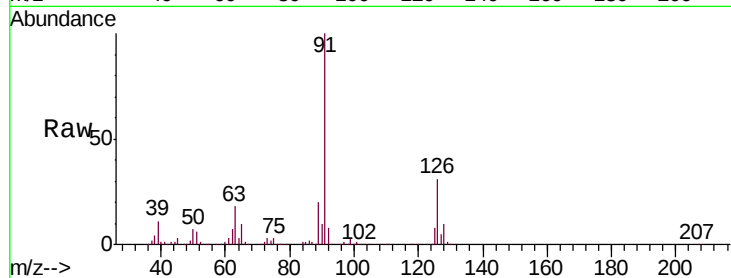
VSTDCCC050EC

Tgt Ion: 91 Resp: 659192

Ion Ratio Lower Upper

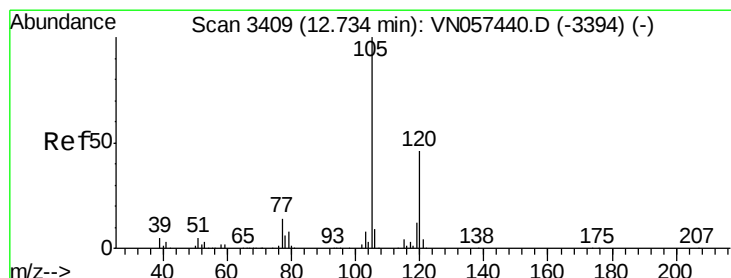
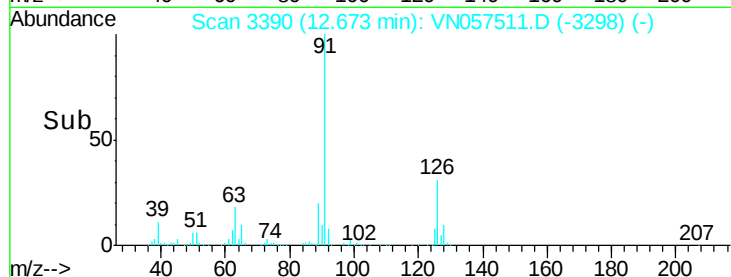
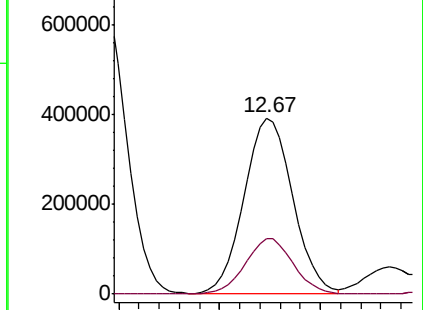
91 100

126 31.3 15.3 45.8



Abundance Ion 91.00 (90.70 to 91.70): VN057511.D (-3390) (-)

Ion 125.90 (125.60 to 126.60): VN057511.D (-3390) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.926 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057511.D

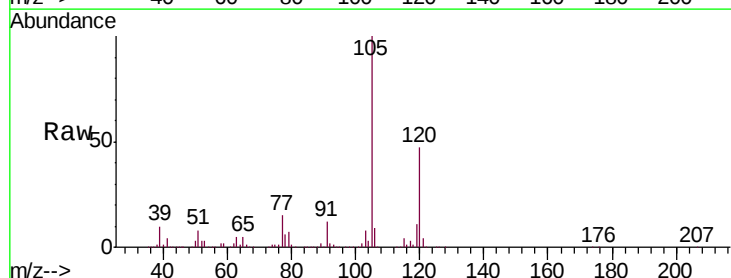
Acq: 26 Aug 2019 14:59

Tgt Ion: 105 Resp: 820703

Ion Ratio Lower Upper

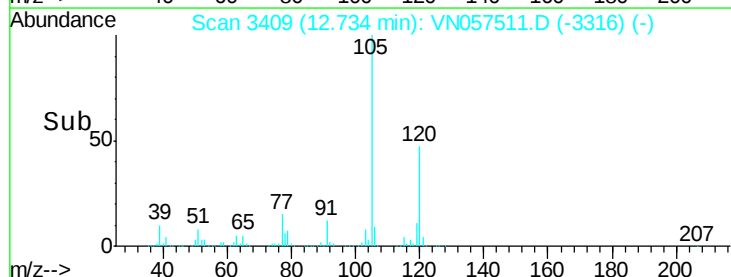
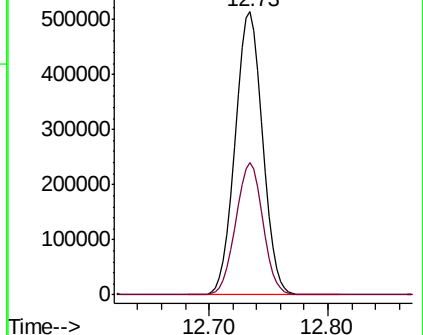
105 100

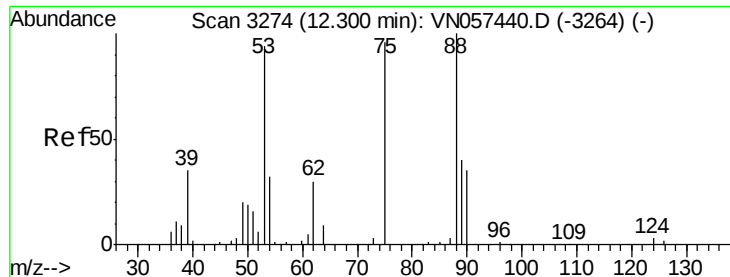
120 46.2 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): VN057511.D (-3409) (-)

Ion 120.00 (119.70 to 120.70): VN057511.D (-3409) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 44.790 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN057511.D

Acq: 26 Aug 2019 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

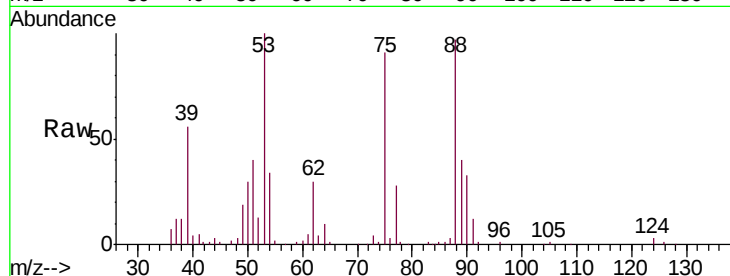
Tgt Ion: 75 Resp: 89991

Ion Ratio Lower Upper

75 100

53 109.9 82.7 124.1

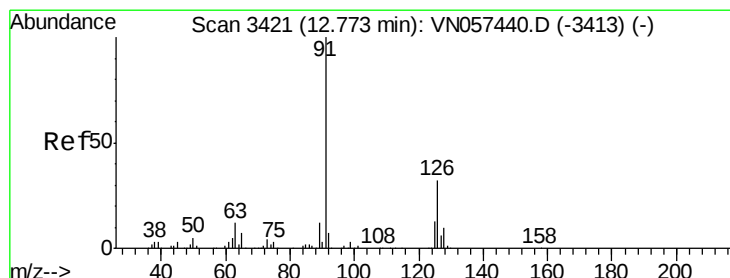
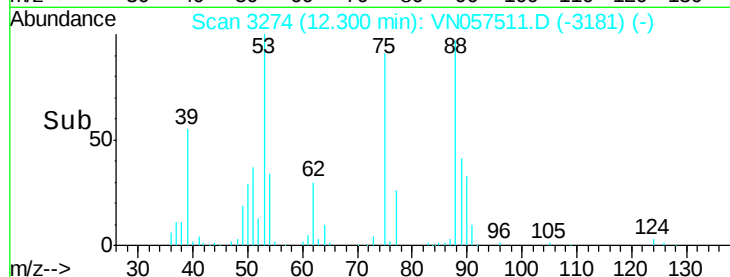
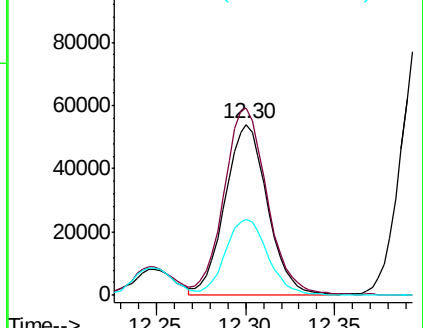
89 44.5 35.8 53.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 50.106 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN057511.D

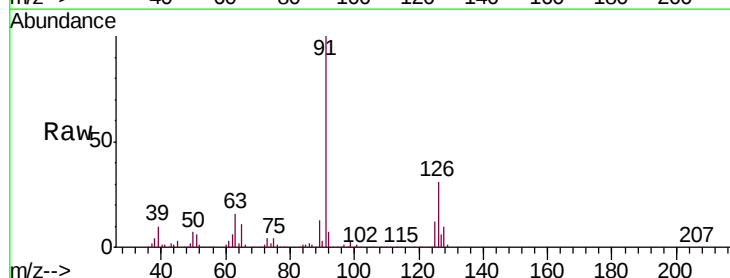
Acq: 26 Aug 2019 14:59

Tgt Ion: 91 Resp: 660421

Ion Ratio Lower Upper

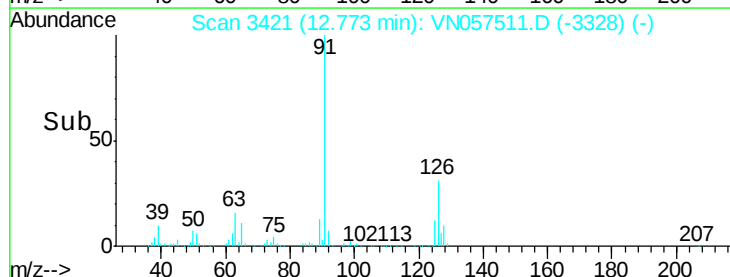
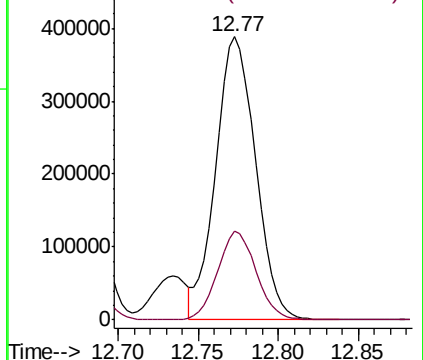
91 100

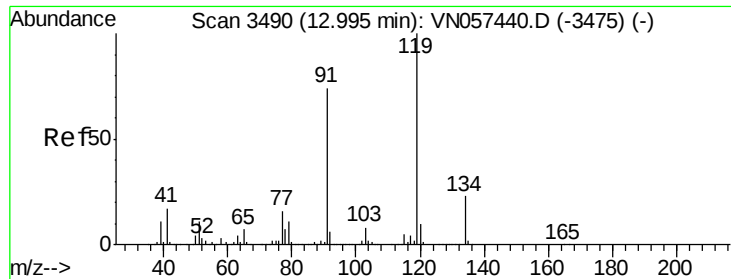
126 30.4 15.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

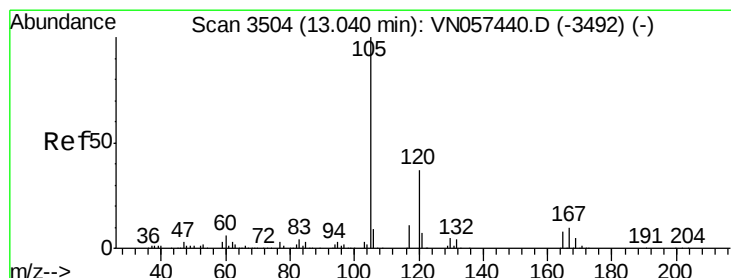
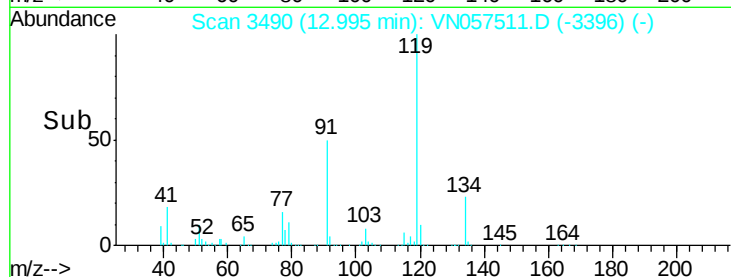
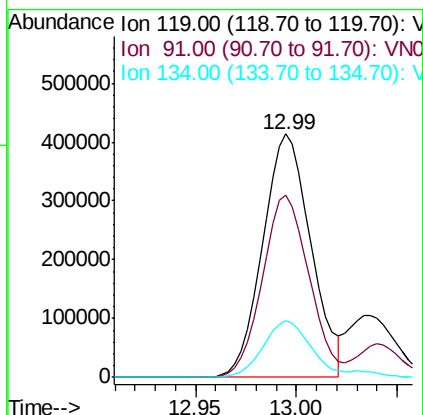
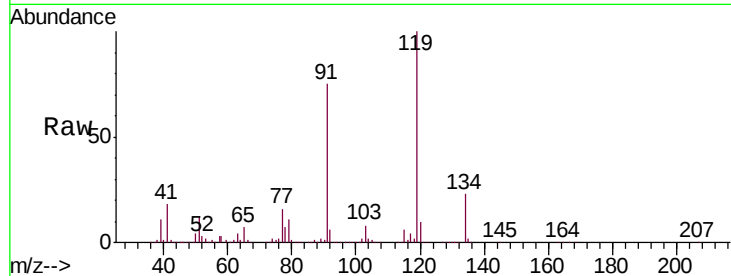




#83
 tert-Butylbenzene
 Concen: 51.048 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN057511.D
 Acq: 26 Aug 2019 14:59

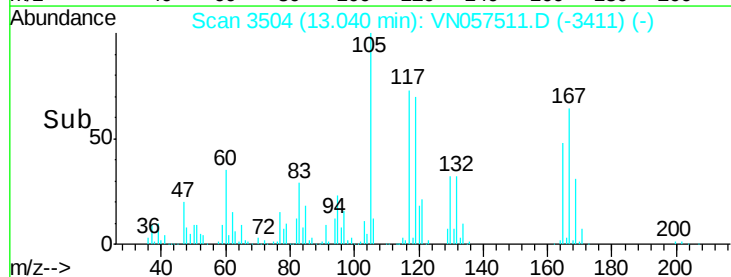
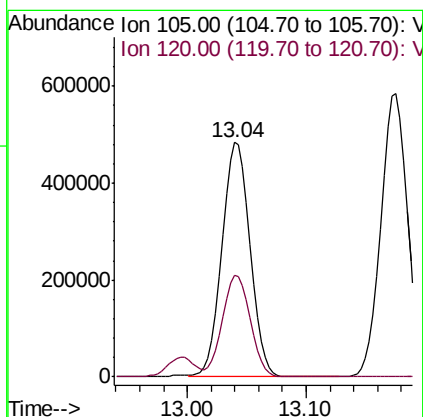
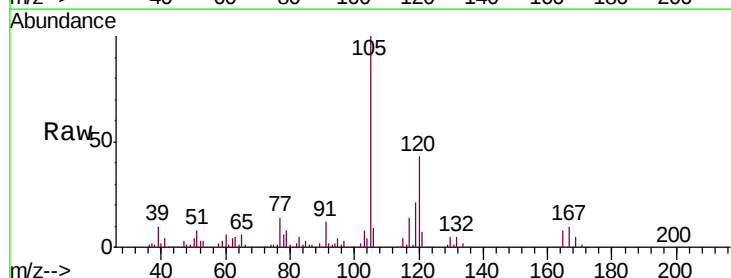
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

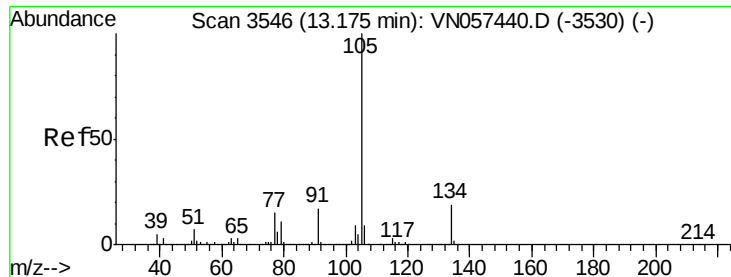
Tgt Ion:119 Resp: 687401
 Ion Ratio Lower Upper
 119 100
 91 72.8 37.0 111.0
 134 24.6 12.2 36.6



#84
 1,2,4-Trimethylbenzene
 Concen: 46.056 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN057511.D
 Acq: 26 Aug 2019 14:59

Tgt Ion:105 Resp: 792339
 Ion Ratio Lower Upper
 105 100
 120 43.0 21.9 65.7

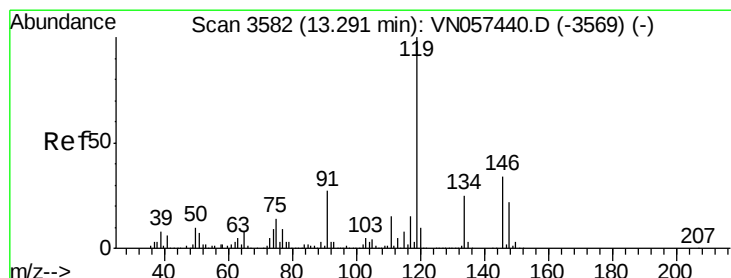
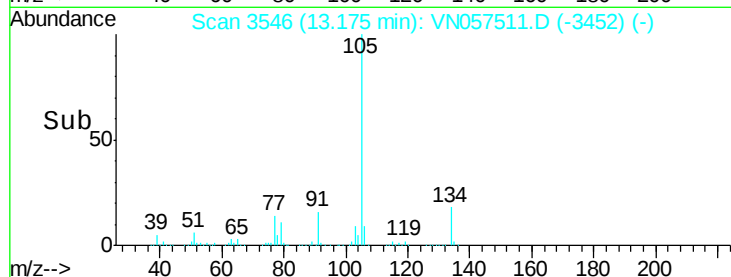
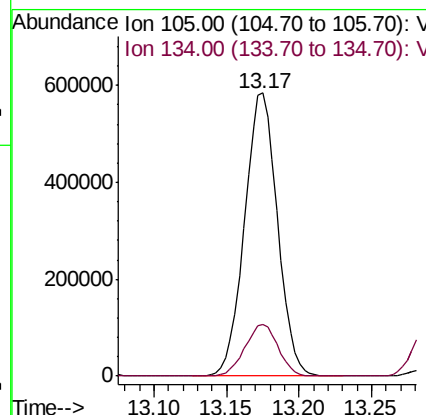
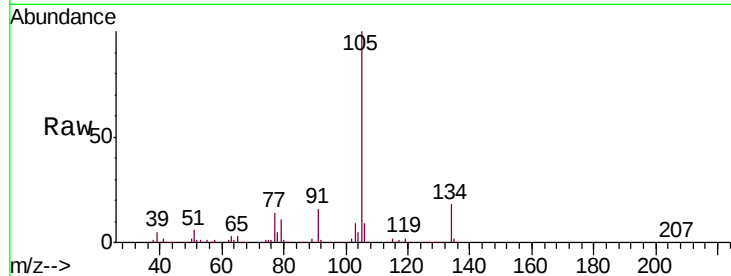




#85
 sec-Butylbenzene
 Concen: 50.427 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN057511.D
 Acq: 26 Aug 2019 14:59

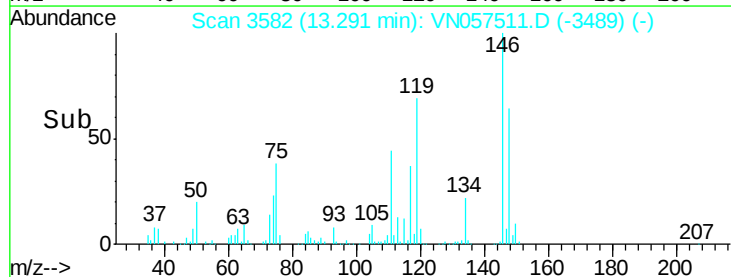
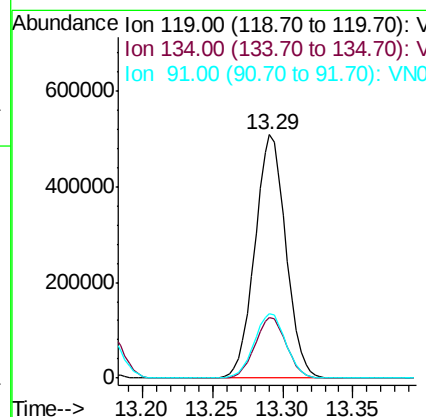
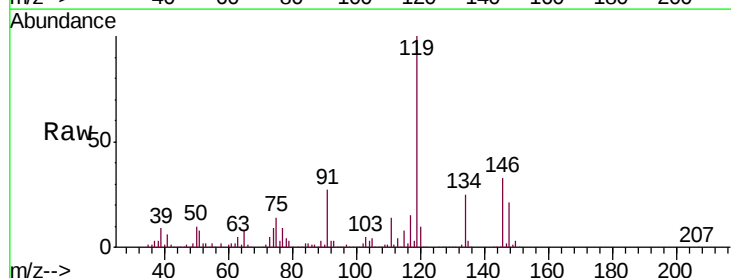
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

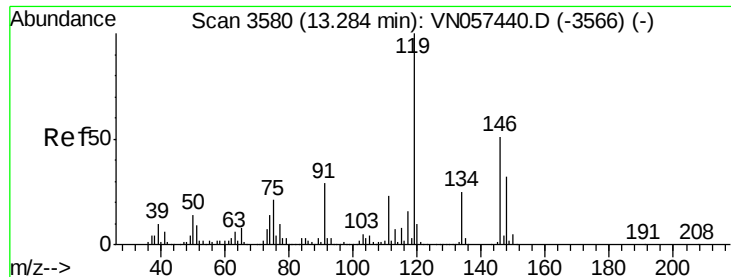
Tgt Ion:105 Resp: 921694
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.3 27.9



#86
 p-Isopropyltoluene
 Concen: 45.176 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN057511.D
 Acq: 26 Aug 2019 14:59

Tgt Ion:119 Resp: 781415
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.7 38.1
 91 26.9 13.9 41.6

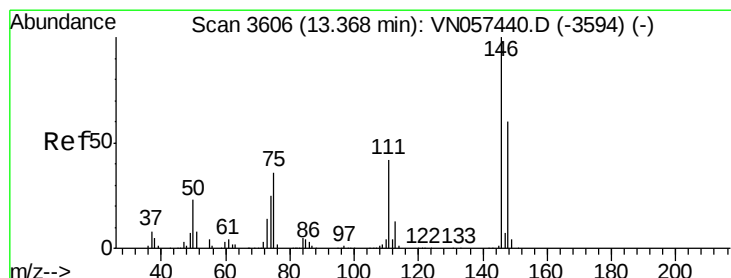
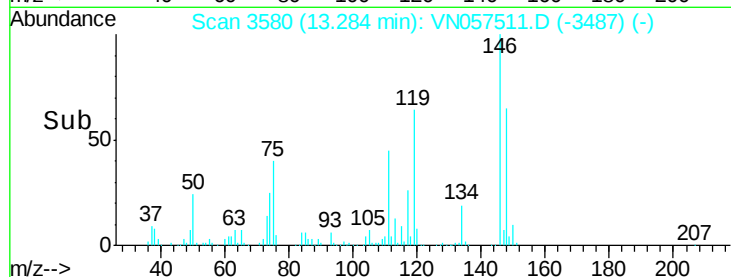
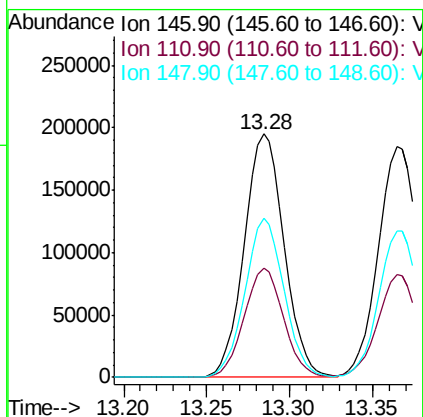
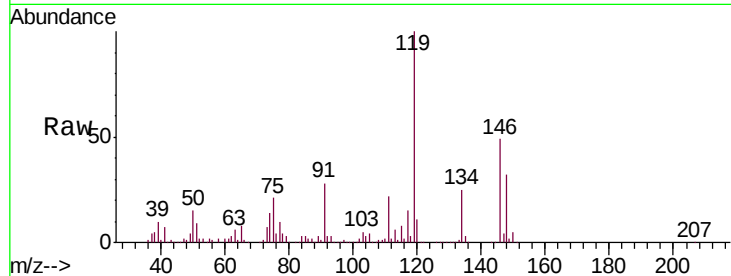




#87
 1,3-Dichlorobenzene
 Concen: 45.701 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN057511.D
 Acq: 26 Aug 2019 14:59

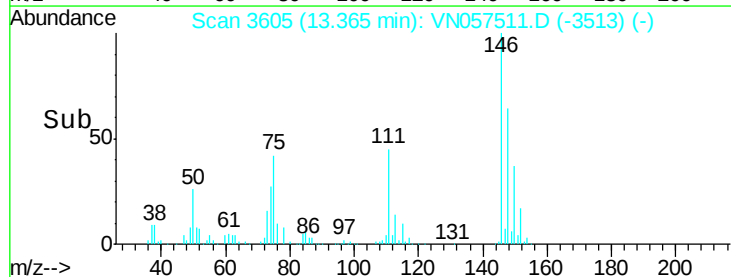
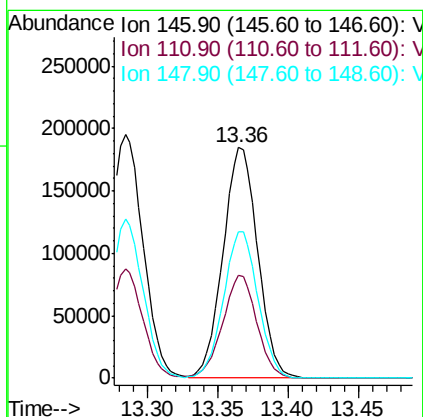
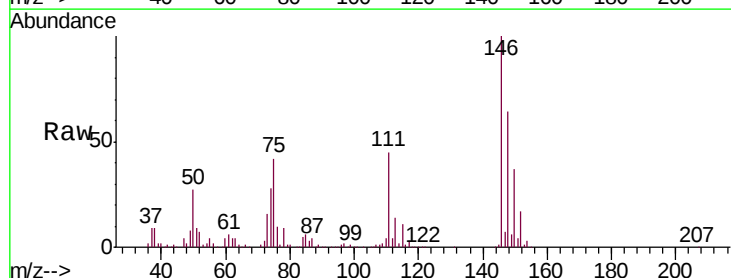
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

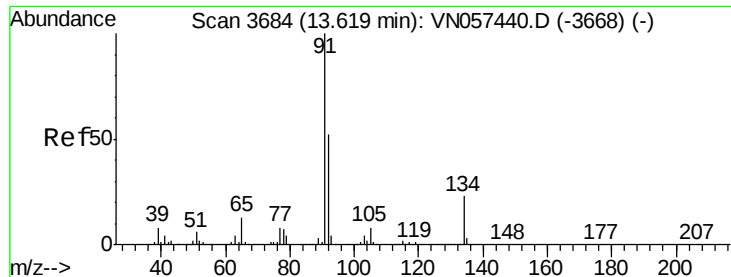
Tgt Ion:146 Resp: 326664
 Ion Ratio Lower Upper
 146 100
 111 44.2 22.1 66.1
 148 64.0 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 45.285 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN057511.D
 Acq: 26 Aug 2019 14:59

Tgt Ion:146 Resp: 316999
 Ion Ratio Lower Upper
 146 100
 111 44.2 21.9 65.5
 148 63.1 31.1 93.2





#89

n-Butylbenzene

Concen: 48.437 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN057511.D

Acq: 26 Aug 2019 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

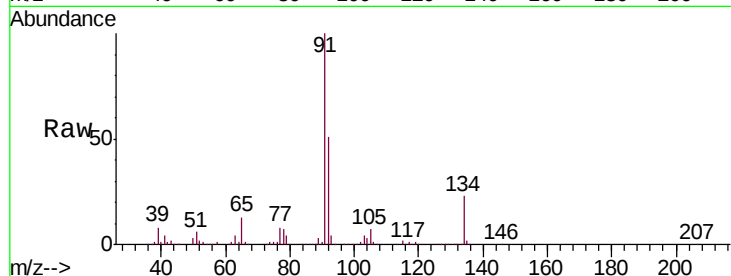
Tgt Ion: 91 Resp: 709008

Ion Ratio Lower Upper

91 100

92 51.0 25.7 77.0

134 22.2 11.4 34.1

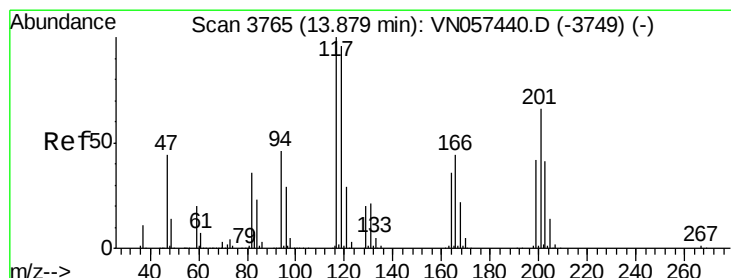
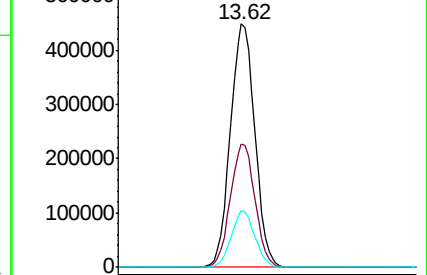
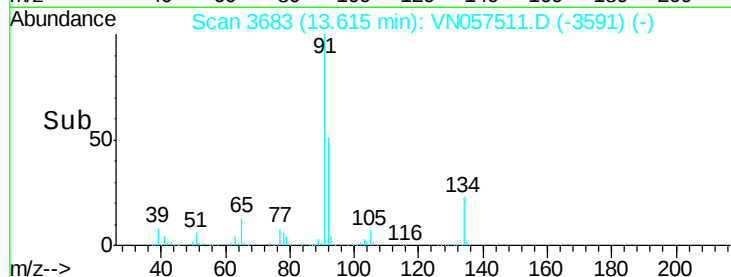


Abundance Ion 91.00 (90.70 to 91.70): VN057440.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN057440.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN057440.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 47.331 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. -0.00 min

Lab File: VN057511.D

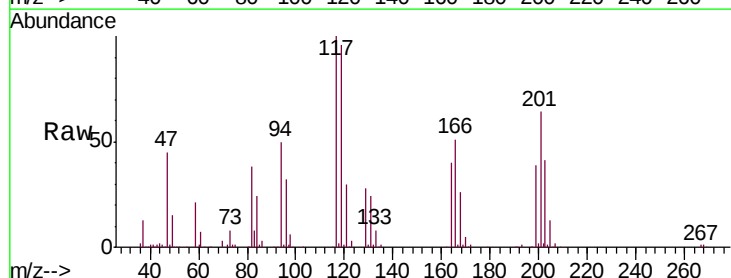
Acq: 26 Aug 2019 14:59

Tgt Ion: 117 Resp: 153772

Ion Ratio Lower Upper

117 100

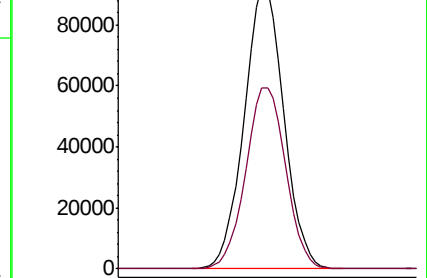
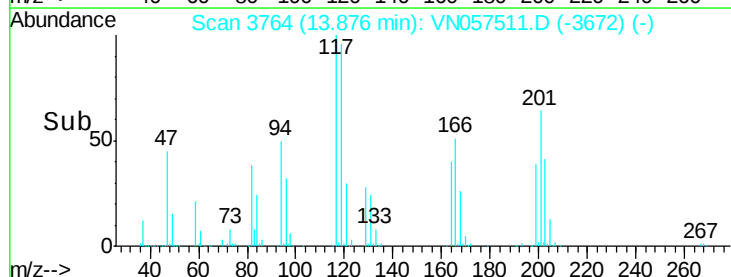
201 64.9 33.1 99.3

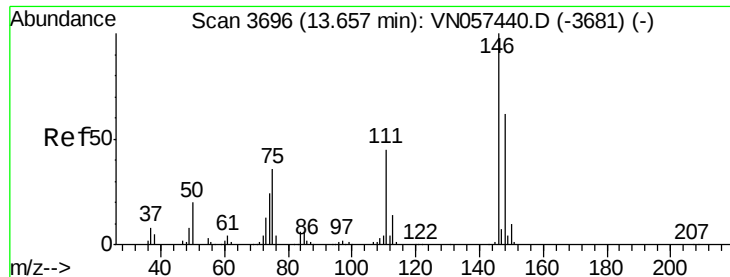


Abundance Ion 116.80 (116.50 to 117.50): VN057440.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN057440.D (-3749) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 47.439 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN057511.D

Acq: 26 Aug 2019 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

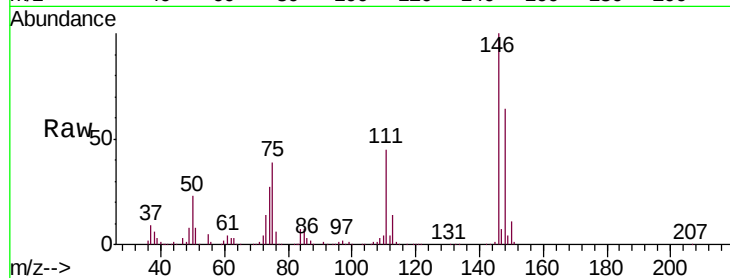
Tgt Ion:146 Resp: 323702

Ion Ratio Lower Upper

146 100

111 44.4 23.1 69.2

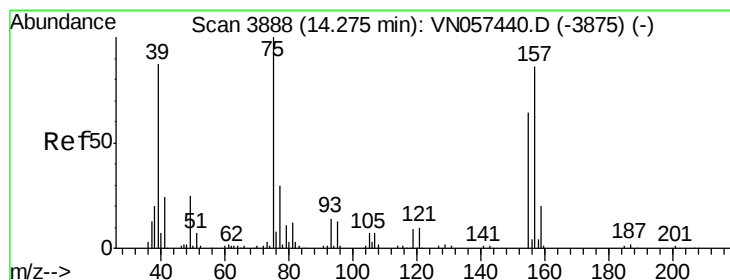
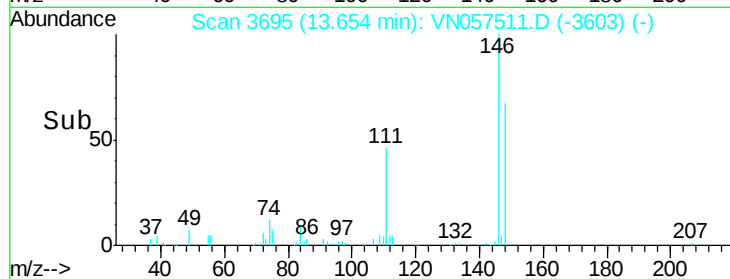
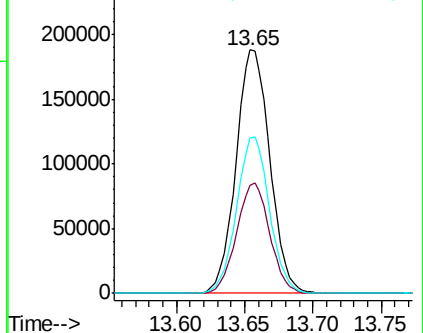
148 62.4 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.487 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN057511.D

Acq: 26 Aug 2019 14:59

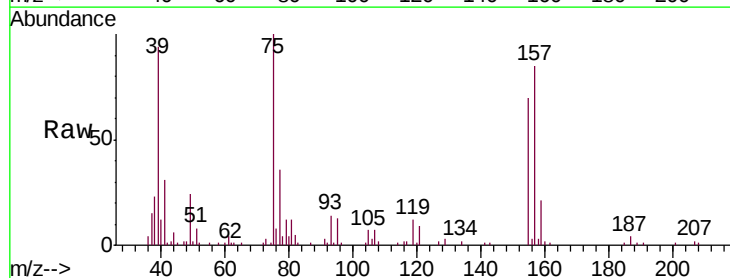
Tgt Ion: 75 Resp: 47110

Ion Ratio Lower Upper

75 100

155 67.1 31.6 94.7

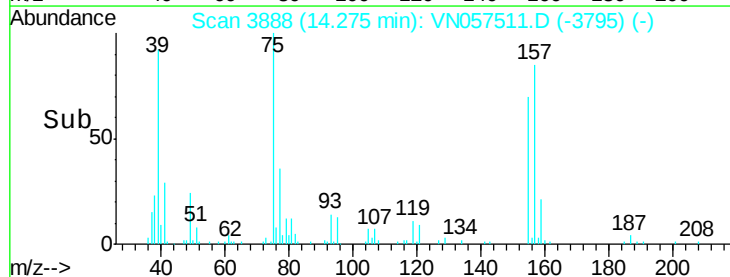
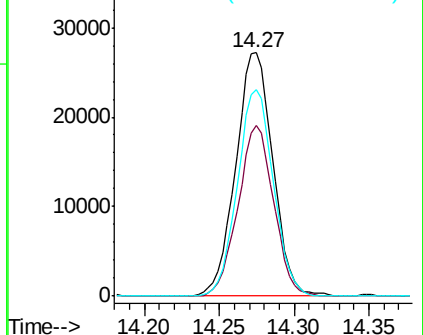
157 81.8 43.3 129.8

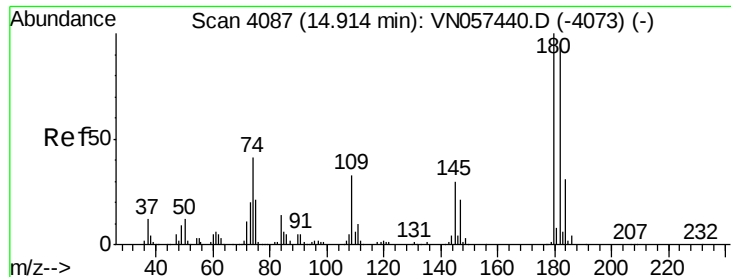


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

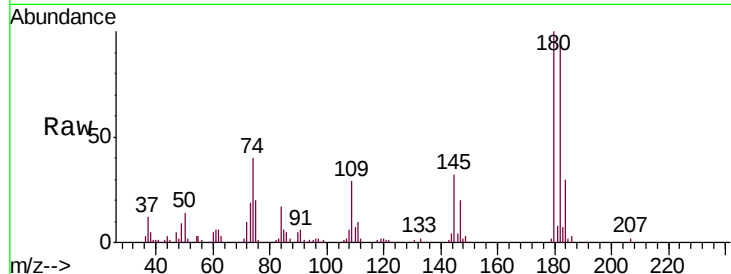




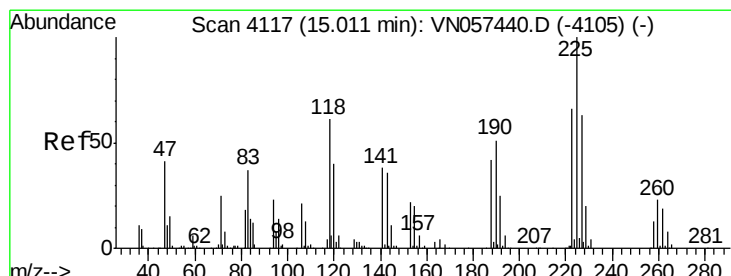
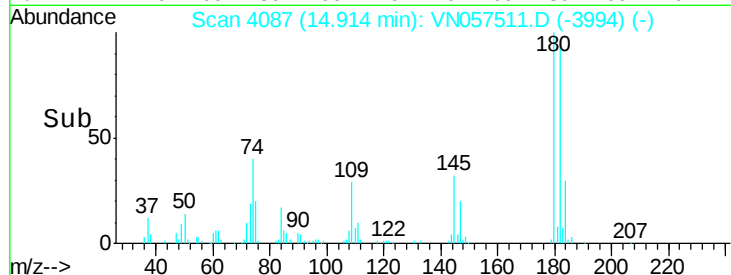
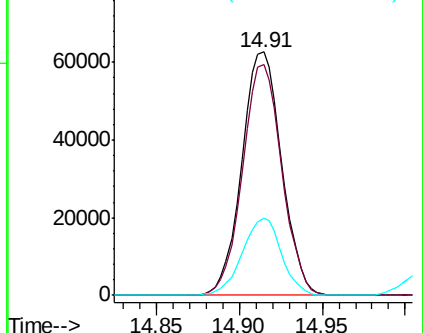
#93
 1,2,4-Trichlorobenzene
 Concen: 39.117 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057511.D
 Acq: 26 Aug 2019 14:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 104381
 Ion Ratio Lower Upper
 180 100
 182 93.7 46.7 140.1
 145 31.3 15.6 46.8

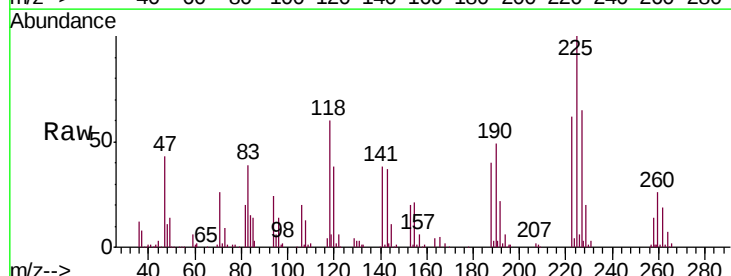


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

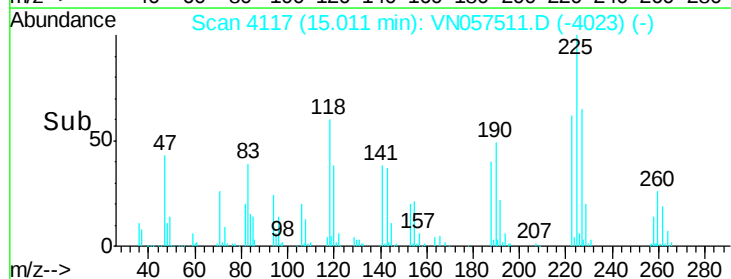
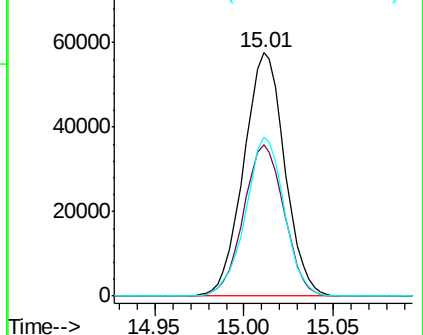


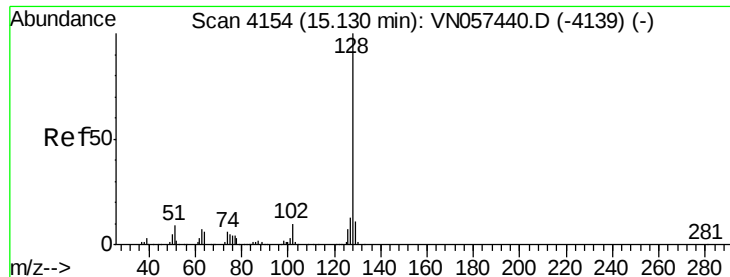
#94
 Hexachlorobutadiene
 Concen: 53.340 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN057511.D
 Acq: 26 Aug 2019 14:59

Tgt Ion:225 Resp: 92342
 Ion Ratio Lower Upper
 225 100
 223 61.8 32.0 96.2
 227 61.8 31.5 94.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 38.644 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN057511.D

Acq: 26 Aug 2019 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

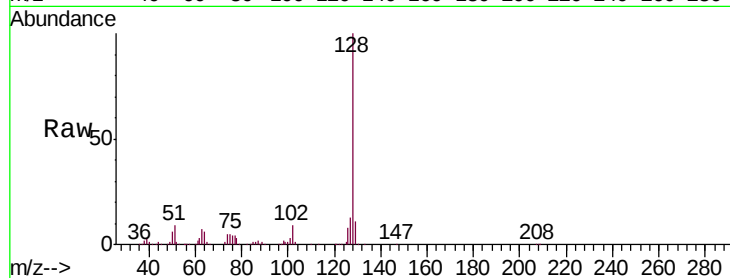
Tgt Ion:128 Resp: 330703

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 11.0 8.6 13.0



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

250000

200000

150000

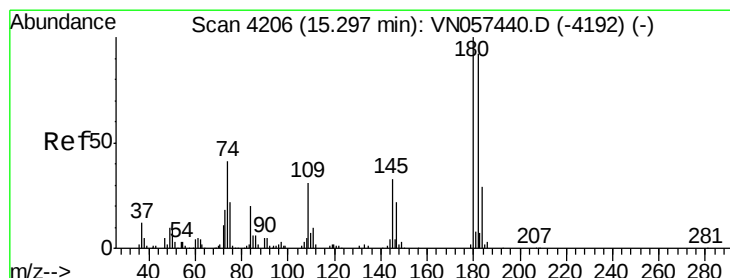
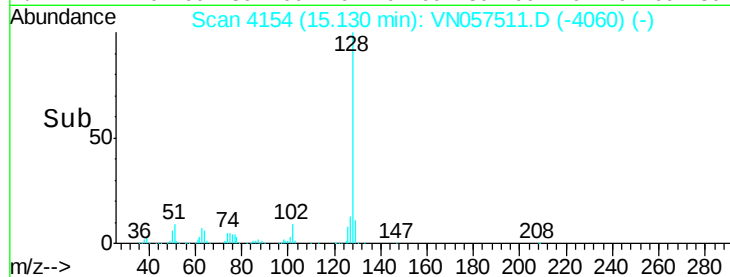
100000

50000

0

15.05 15.10 15.15 15.20

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 39.292 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. 0.00 min

Lab File: VN057511.D

Acq: 26 Aug 2019 14:59

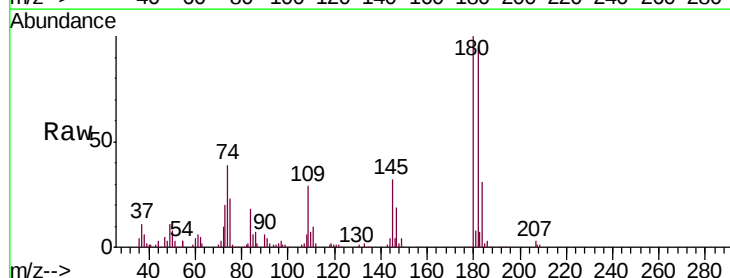
Tgt Ion:180 Resp: 105026

Ion Ratio Lower Upper

180 100

182 93.6 46.7 140.1

145 32.4 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

80000

60000

40000

20000

0

15.25 15.30 15.35

Time-->

