

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081919\
 Data File : VN057435.D
 Acq On : 20 Aug 2019 6:28
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 20 08:54:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	771758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1141873	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1042584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	439305	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	401017	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
35) Dibromofluoromethane	7.58	113	366963	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
50) Toluene-d8	10.09	98	1372722	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.40	95	477171	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	290203	43.699	ug/l	99
3) Chloromethane	2.05	50	323785	41.307	ug/l	99
4) Vinyl Chloride	2.18	62	318710	43.218	ug/l	98
5) Bromomethane	2.53	94	235492	44.798	ug/l	98
6) Chloroethane	2.69	64	227943	44.936	ug/l	99
7) Trichlorofluoromethane	3.01	101	542963	46.939	ug/l	99
8) Diethyl Ether	3.40	74	204167	46.895	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	315994	46.496	ug/l	97
10) Methyl Iodide	3.95	142	550746	50.699	ug/l	99
11) Tert butyl alcohol	4.76	59	256915	215.399	ug/l	99
12) 1,1-Dichloroethene	3.73	96	316902	46.800	ug/l	98
13) Acrolein	3.60	56	102984	142.229	ug/l	98
14) Allyl chloride	4.31	41	459588	42.342	ug/l	98
15) Acrylonitrile	4.97	53	728113	224.853	ug/l	100
16) Acetone	3.80	43	554203	190.420	ug/l	99
17) Carbon Disulfide	4.05	76	789815	43.295	ug/l	99
18) Methyl Acetate	4.31	43	356298	45.603	ug/l	95
19) Methyl tert-butyl Ether	5.02	73	1010685	47.568	ug/l	99
20) Methylene Chloride	4.54	84	374919	46.041	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	341476	46.894	ug/l	96
22) Diisopropyl ether	5.93	45	980169	45.713	ug/l	99
23) Vinyl Acetate	5.88	43	3777907	218.926	ug/l	97
24) 1,1-Dichloroethane	5.83	63	621076	47.081	ug/l	99
25) 2-Butanone	6.82	43	875980	207.844	ug/l	96
26) 2,2-Dichloropropane	6.81	77	339584	31.853	ug/l	97
27) cis-1,2-Dichloroethene	6.82	96	411051	47.681	ug/l	95
28) Bromochloromethane	7.18	49	277272	47.306	ug/l #	92
29) Tetrahydrofuran	7.19	42	564772	211.746	ug/l	98
30) Chloroform	7.36	83	648561	46.915	ug/l	97
31) Cyclohexane	7.64	56	494527	43.259	ug/l	99
32) 1,1,1-Trichloroethane	7.56	97	577083	49.631	ug/l	98
36) 1,1-Dichloropropene	7.78	75	466199	46.241	ug/l	99
37) Ethyl Acetate	6.91	43	362599	43.911	ug/l	98
38) Carbon Tetrachloride	7.76	117	519213	49.565	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	526146	44.693	ug/l	98
40) Benzene	8.03	78	1450388	47.034	ug/l	99
41) Methacrylonitrile	7.19	41	520300	139.916	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	476538	46.691	ug/l	100
43) Isopropyl Acetate	8.15	43	759008	50.267	ug/l	98
44) Trichloroethene	8.83	130	417771	48.188	ug/l	100
45) 1,2-Dichloropropane	9.11	63	370050	46.556	ug/l	99
46) Dibromomethane	9.20	93	252917	47.696	ug/l	97
47) Bromodichloromethane	9.40	83	517053	49.213	ug/l	99
48) Methyl methacrylate	9.19	41	299312	44.017	ug/l	96
49) 1,4-Dioxane	9.19	88	133863	936.107	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	1856070	217.876	ug/l	98
52) Toluene	10.15	92	935728	48.752	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	518102	45.590	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	573119	45.734	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	366978	48.623	ug/l	98
56) Ethyl methacrylate	10.42	69	532884	48.381	ug/l	98
57) 1,3-Dichloropropane	10.70	76	597098	47.357	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	621937	194.475	ug/l	98
59) 2-Hexanone	10.75	43	1322561	215.947	ug/l	98
60) Dibromochloromethane	10.90	129	437196	51.691	ug/l	99
61) 1,2-Dibromoethane	11.00	107	387121	48.150	ug/l	98
64) Tetrachloroethene	10.63	164	440403	48.864	ug/l	98
65) Chlorobenzene	11.43	112	1045396	49.163	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	413280	50.749	ug/l	99
67) Ethyl Benzene	11.51	91	1787650	48.052	ug/l	100
68) m/p-Xylenes	11.62	106	1371530	100.063	ug/l	98
69) o-Xylene	11.95	106	674073	50.087	ug/l	99
70) Styrene	11.96	104	1111066	51.791	ug/l	99
71) Bromoform	12.13	173	338711	52.721	ug/l #	99
73) Isopropylbenzene	12.25	105	1794864	51.478	ug/l	98
74) N-amyl acetate	12.07	43	506177	39.707	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	484503	49.579	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	595187	69.527	ug/l #	100
77) Bromobenzene	12.53	156	494938	52.678	ug/l	94
78) n-propylbenzene	12.59	91	1875262	44.328	ug/l	99
79) 2-Chlorotoluene	12.67	91	1173750	50.787	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1503989	50.850	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	137347	38.123	ug/l	98
82) 4-Chlorotoluene	12.77	91	1123298	44.809	ug/l	98
83) tert-Butylbenzene	12.99	119	1360261	52.498	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1437391	45.427	ug/l	98
85) sec-Butylbenzene	13.17	105	1650914	49.665	ug/l	99
86) p-Isopropyltoluene	13.29	119	1474949	45.530	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	734058	47.691	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	682206	46.691	ug/l	100
89) n-Butylbenzene	13.62	91	1094987	47.413	ug/l	99
90) Hexachloroethane	13.88	117	288205	52.421	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	689661	48.066	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	63271	40.389	ug/l	93

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Response via : Initial Calibration

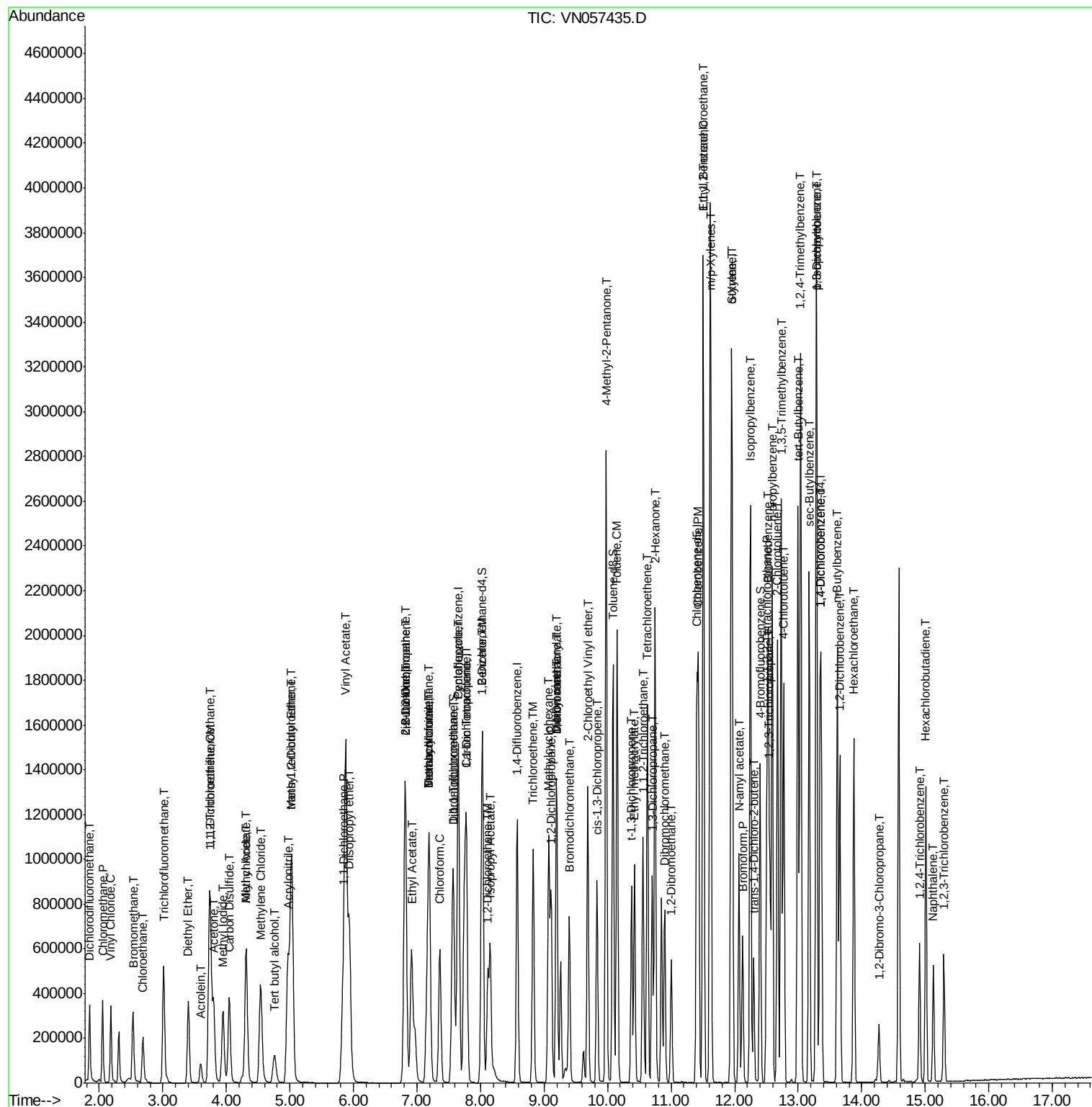
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	223782	40.178	ug/l	99
94) Hexachlorobutadiene	15.01	225	290716	53.129	ug/l	96
95) Naphthalene	15.13	128	443369	50.400	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	202628	50.767	ug/l	99

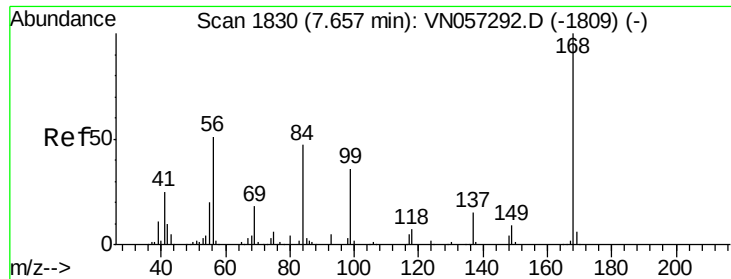
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081919\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

Instrument :

MSVOA_N

ClientSampleId :

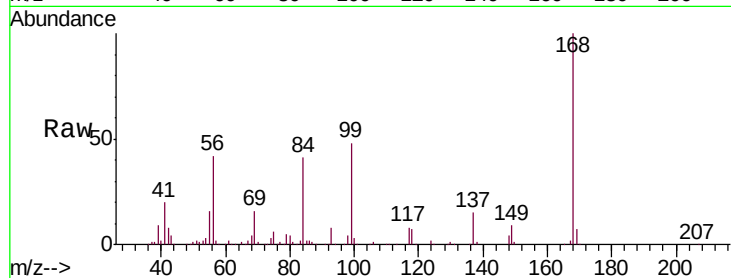
VSTDCCC050EC

Tgt Ion:168 Resp: 771758

Ion Ratio Lower Upper

168 100

99 47.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

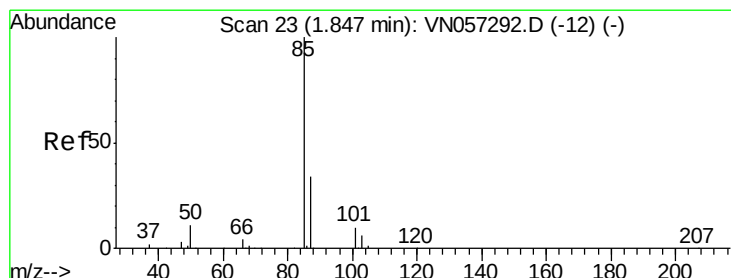
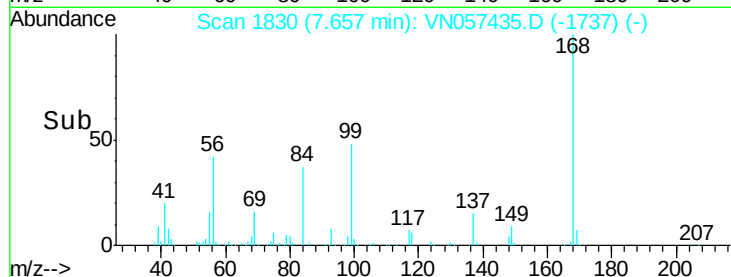
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 43.699 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN057435.D

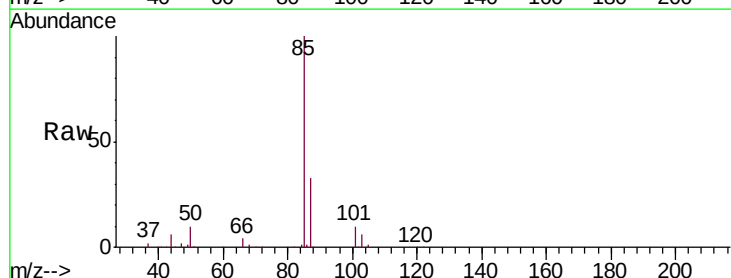
Acq: 20 Aug 2019 6:28

Tgt Ion: 85 Resp: 290203

Ion Ratio Lower Upper

85 100

87 33.0 16.9 50.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

200000

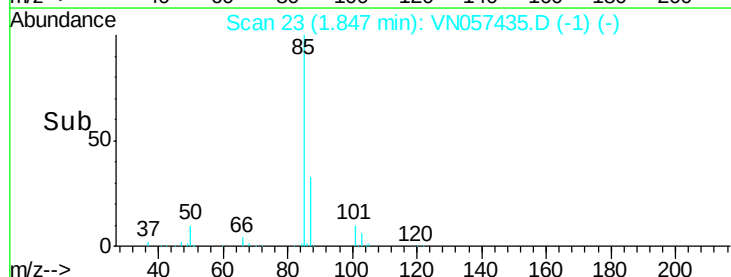
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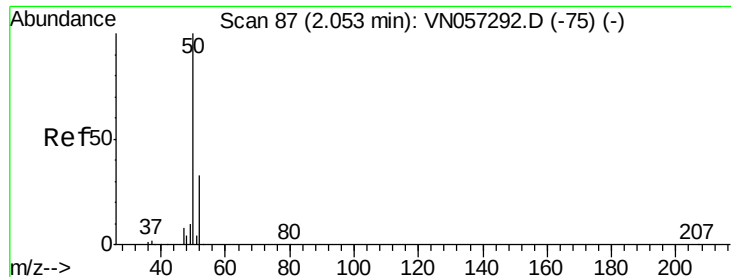
100000

50000

0

Time-->





#3

Chloromethane

Concen: 41.307 ug/l

RT: 2.05 min Scan# 87

Delta R.T. 0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

Instrument :

MSVOA_N

ClientSampleId :

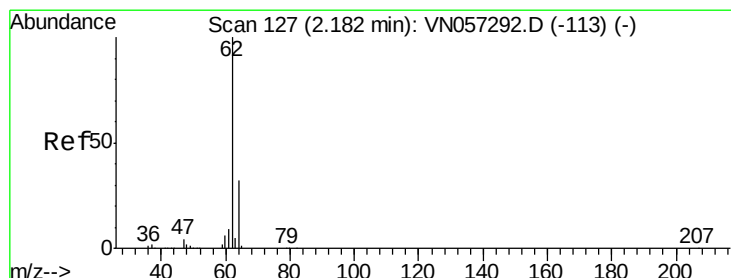
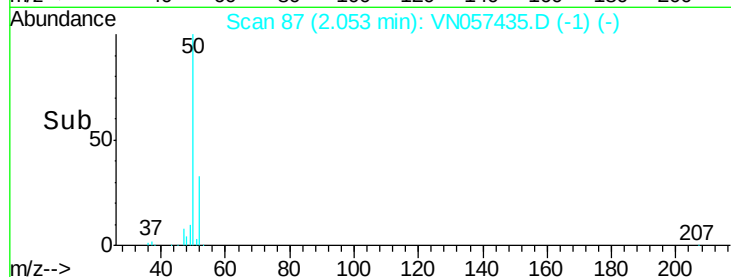
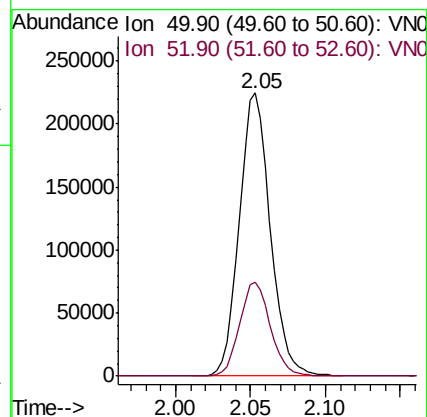
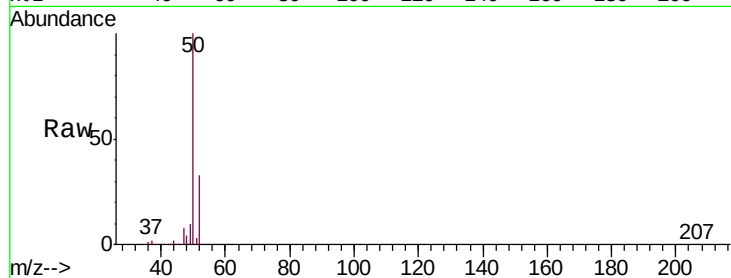
VSTDCCC050EC

Tgt Ion: 50 Resp: 323785

Ion Ratio Lower Upper

50 100

52 33.2 26.8 40.2



#4

Vinyl Chloride

Concen: 43.218 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN057435.D

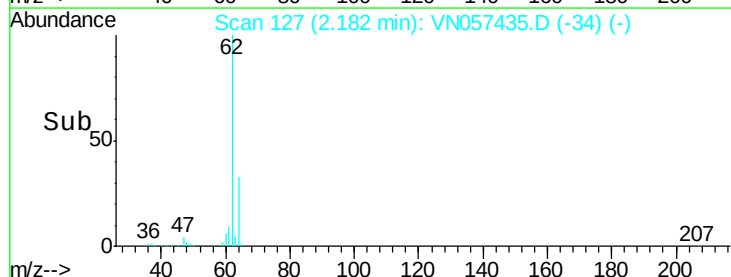
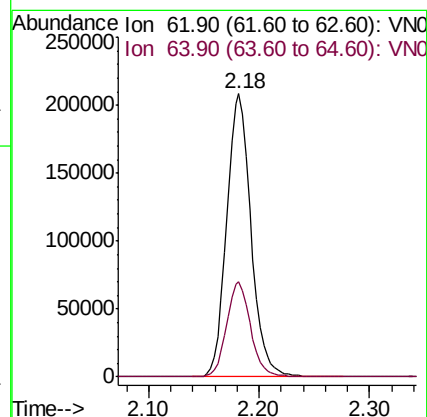
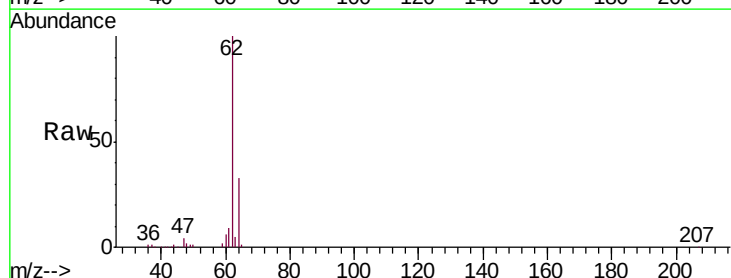
Acq: 20 Aug 2019 6:28

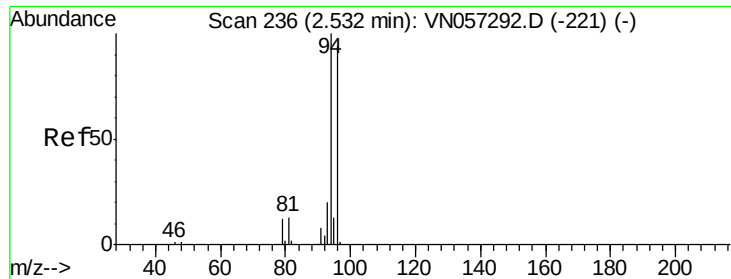
Tgt Ion: 62 Resp: 318710

Ion Ratio Lower Upper

62 100

64 33.5 25.9 38.9





#5

Bromomethane

Concen: 44.798 ug/l

RT: 2.53 min Scan# 235

Delta R.T. -0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

Instrument :

MSVOA_N

ClientSampleId :

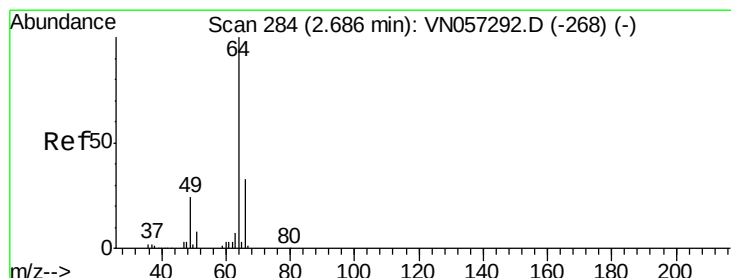
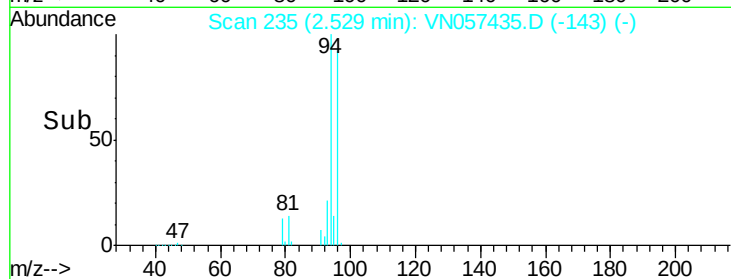
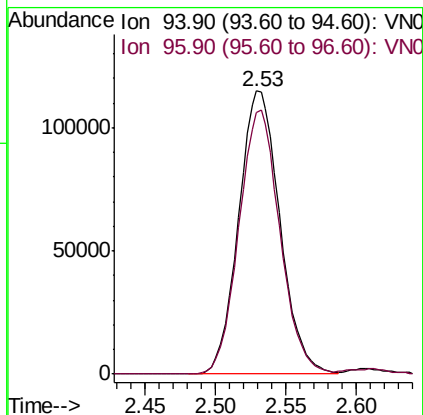
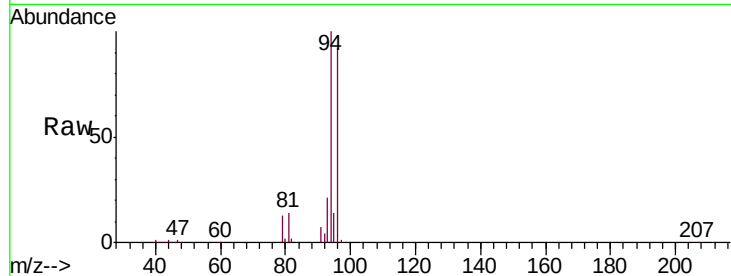
VSTDCCC050EC

Tgt Ion: 94 Resp: 235492

Ion Ratio Lower Upper

94 100

96 92.2 75.0 112.6



#6

Chloroethane

Concen: 44.936 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN057435.D

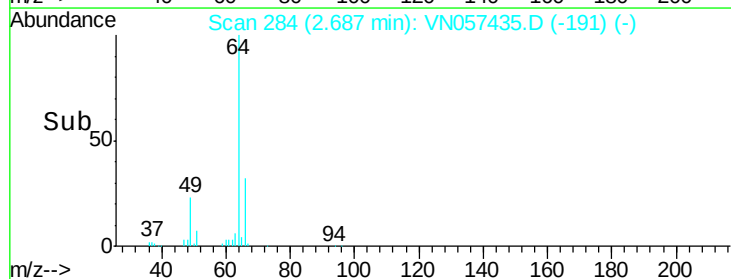
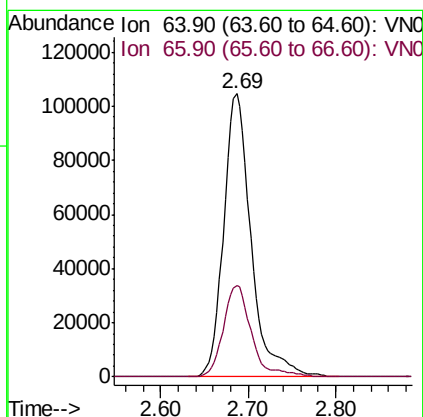
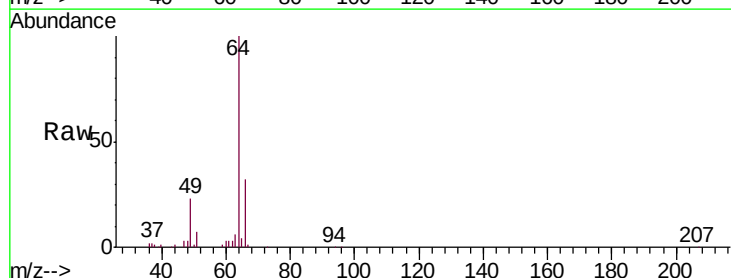
Acq: 20 Aug 2019 6:28

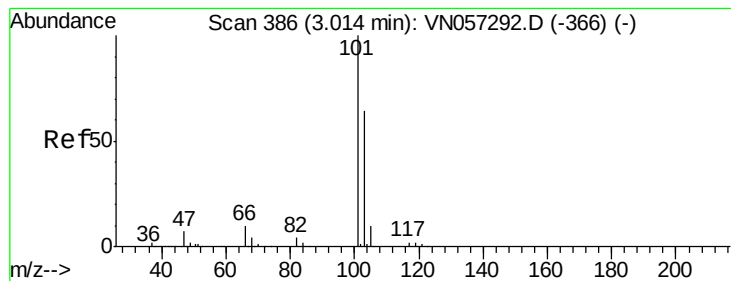
Tgt Ion: 64 Resp: 227943

Ion Ratio Lower Upper

64 100

66 32.3 26.4 39.6



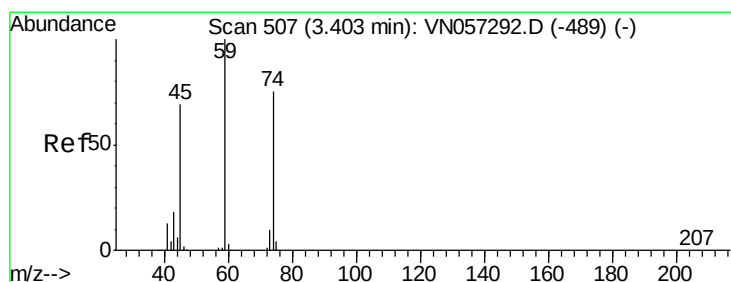
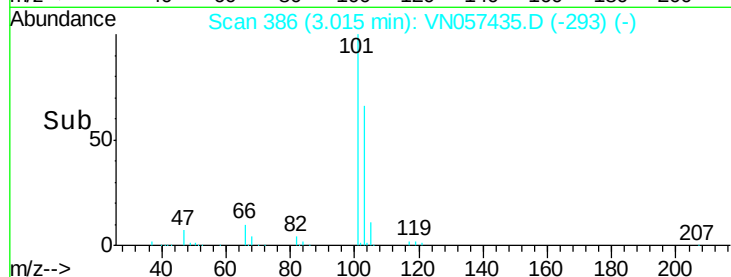
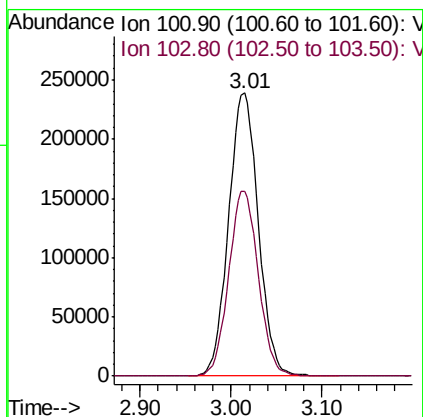
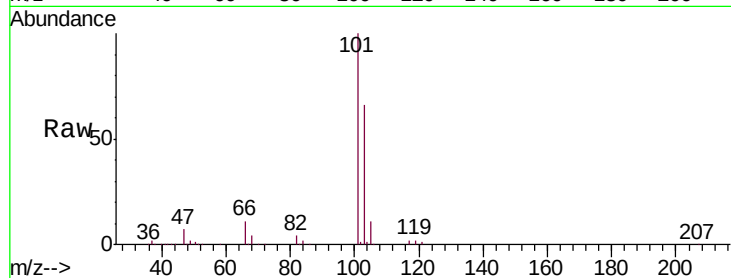


#7

Trichlorofluoromethane
 Concen: 46.939 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: VN057435.D
 Acq: 20 Aug 2019 6:28

Instrument :
 MSVOA_N
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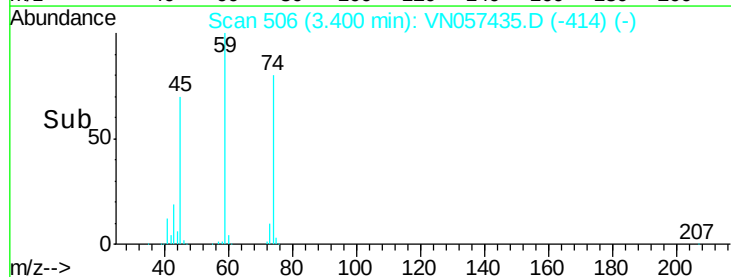
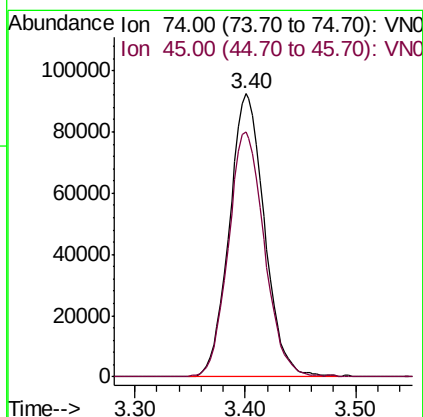
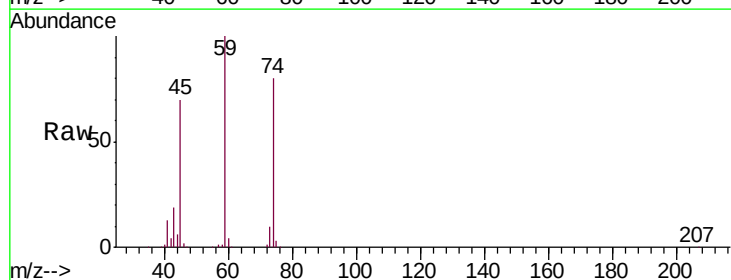
Tgt Ion:101 Resp: 542963
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.5 77.3

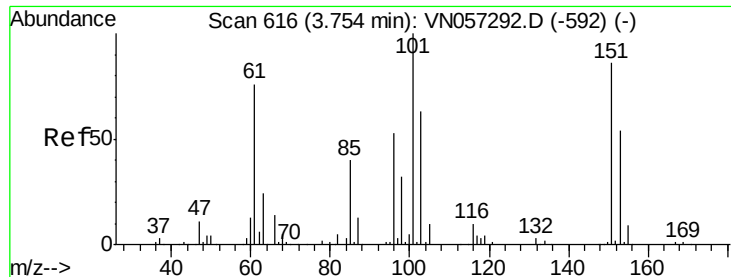


#8

Diethyl Ether
 Concen: 46.895 ug/l
 RT: 3.40 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: VN057435.D
 Acq: 20 Aug 2019 6:28

Tgt Ion: 74 Resp: 204167
 Ion Ratio Lower Upper
 74 100
 45 88.5 45.9 137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.496 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

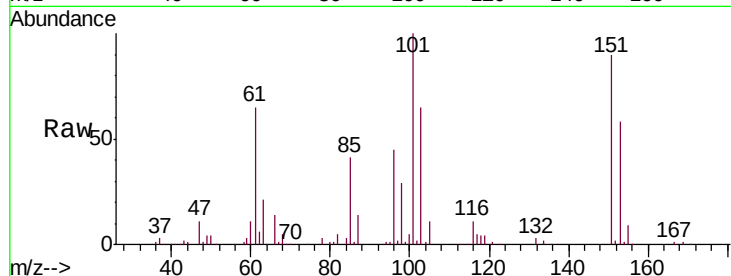
Tgt Ion:101 Resp: 315994

Ion Ratio Lower Upper

101 100

85 41.1 32.7 49.1

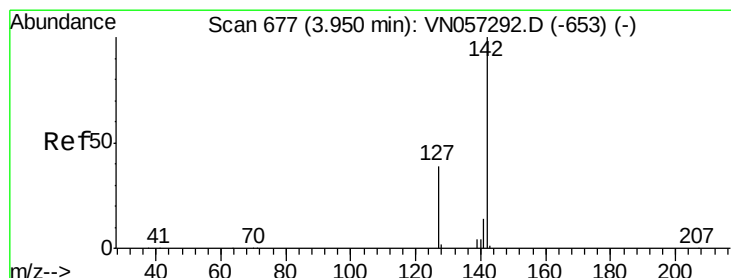
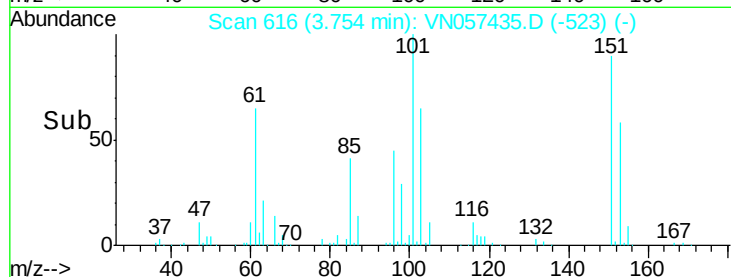
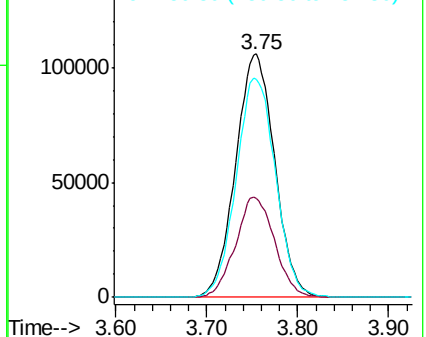
151 90.8 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.699 ug/l

RT: 3.95 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

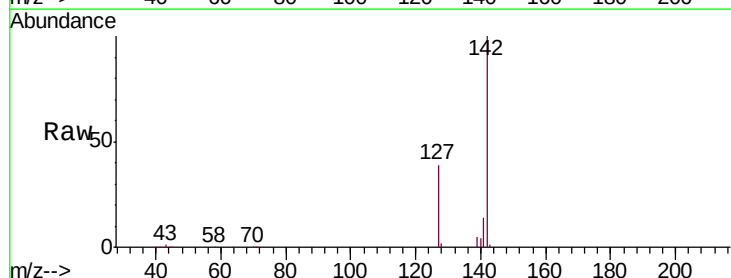
Tgt Ion:142 Resp: 550746

Ion Ratio Lower Upper

142 100

127 39.3 31.6 47.4

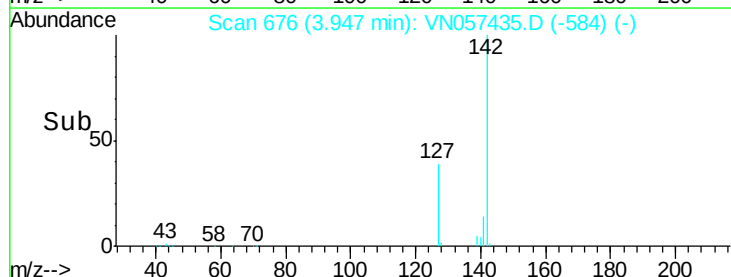
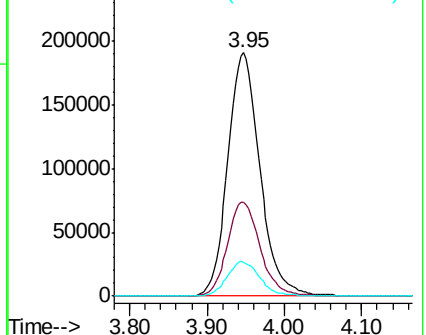
141 14.5 11.2 16.8

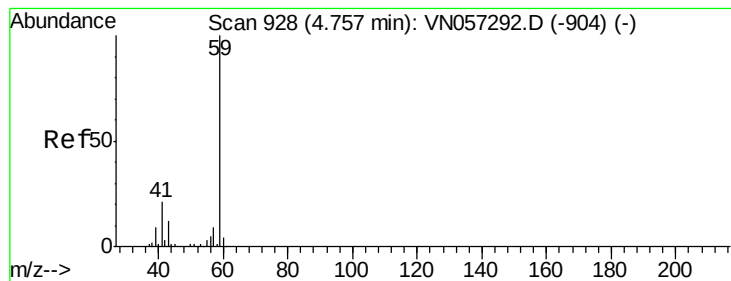


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 215.399 ug/l

RT: 4.76 min Scan# 930

Delta R.T. 0.01 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

Instrument :

MSVOA_N

ClientSampleId :

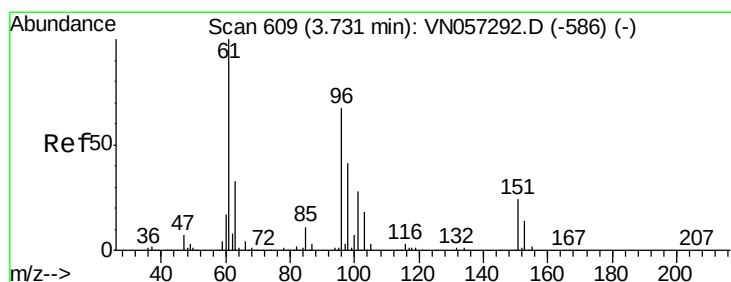
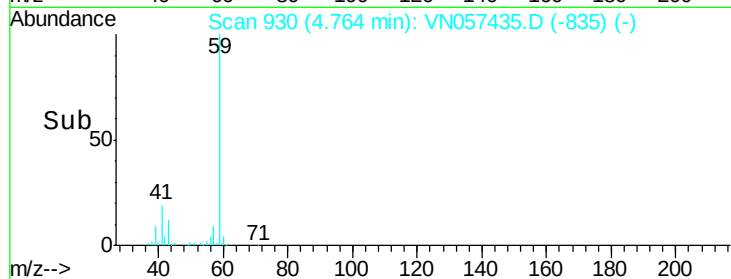
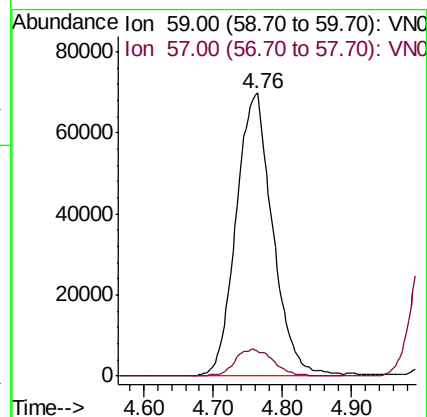
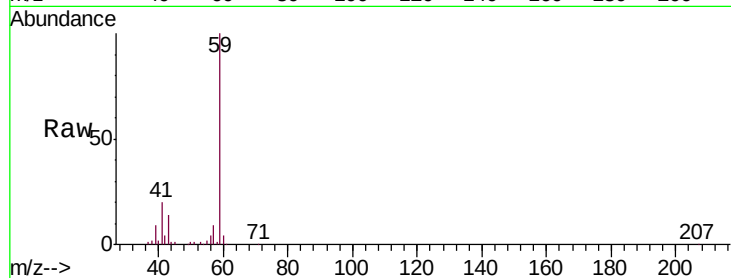
VSTDCCC050EC

Tgt Ion: 59 Resp: 256915

Ion Ratio Lower Upper

59 100

57 9.9 8.2 12.2



#12

1,1-Dichloroethene

Concen: 46.800 ug/l

RT: 3.73 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

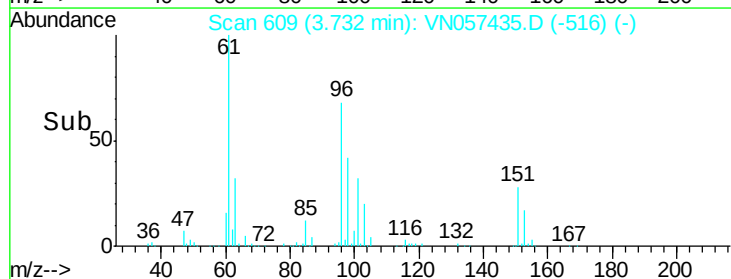
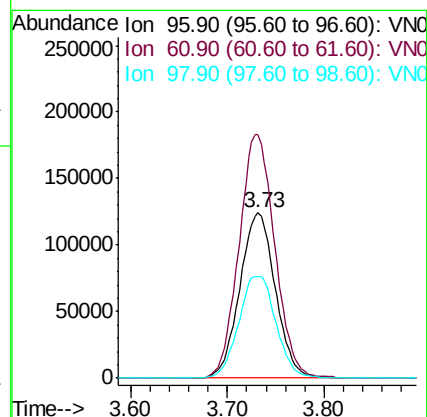
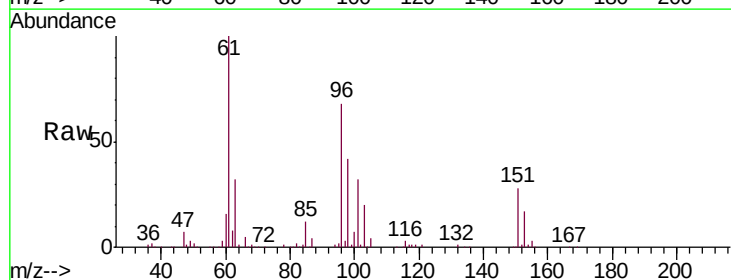
Tgt Ion: 96 Resp: 316902

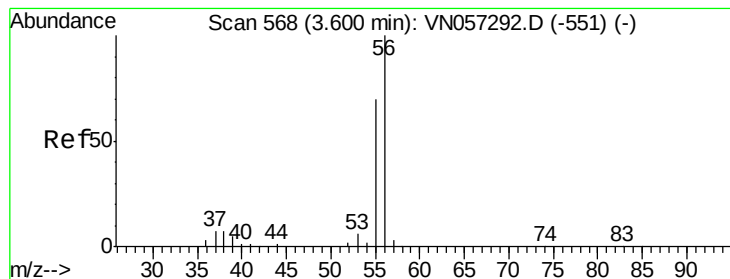
Ion Ratio Lower Upper

96 100

61 147.2 119.7 179.5

98 61.7 49.0 73.4





#13

Acrolein

Concen: 142.229 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

Instrument :

MSVOA_N

ClientSampleId :

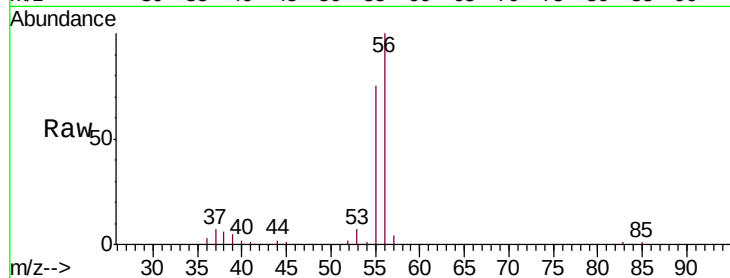
VSTDCCC050EC

Tgt Ion: 56 Resp: 102984

Ion Ratio Lower Upper

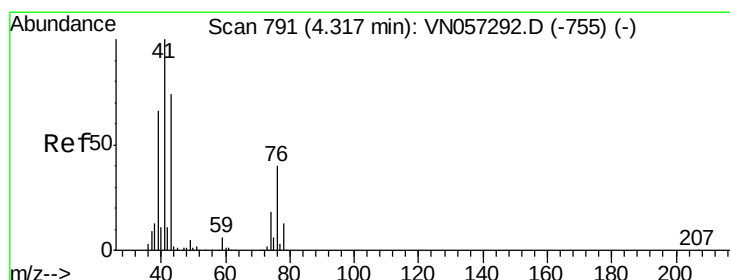
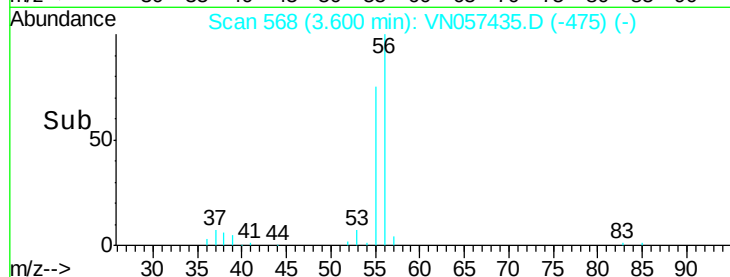
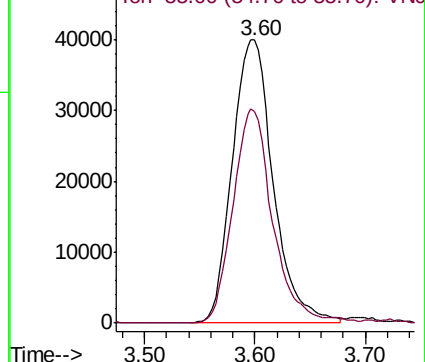
56 100

55 72.6 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 42.342 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.01 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

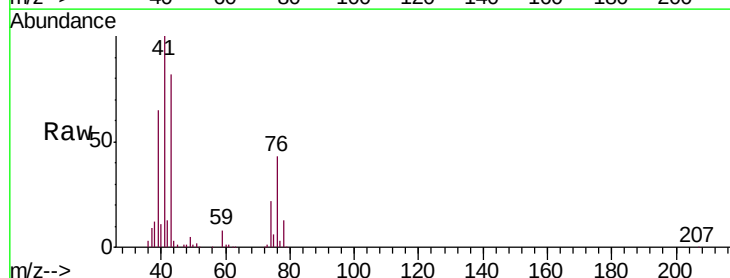
Tgt Ion: 41 Resp: 459588

Ion Ratio Lower Upper

41 100

39 61.3 49.0 73.6

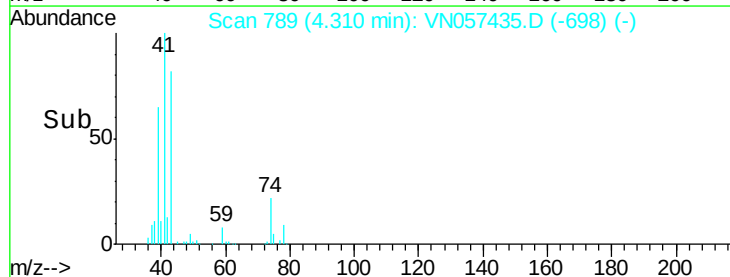
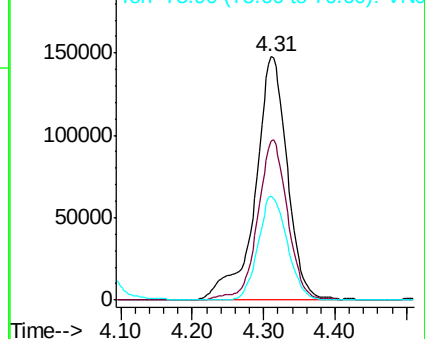
76 38.6 29.0 43.4

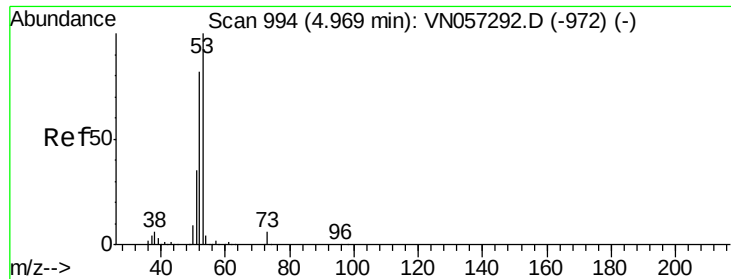


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 224.853 ug/l

RT: 4.97 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

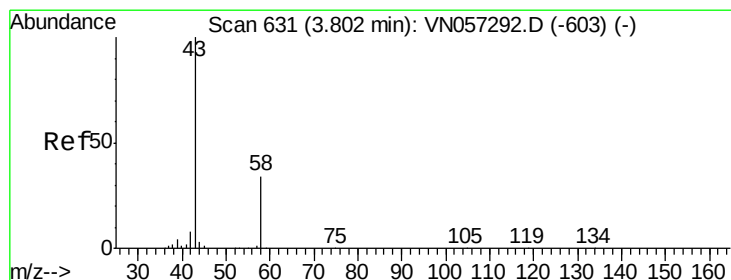
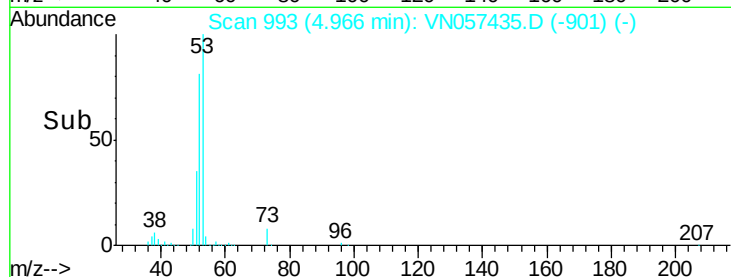
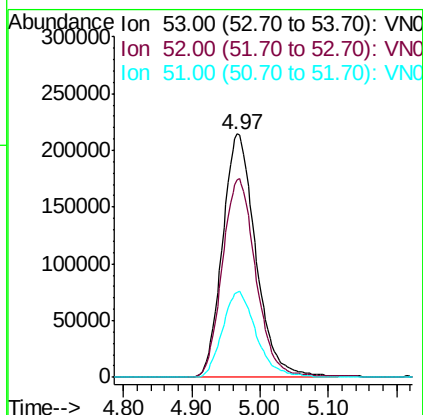
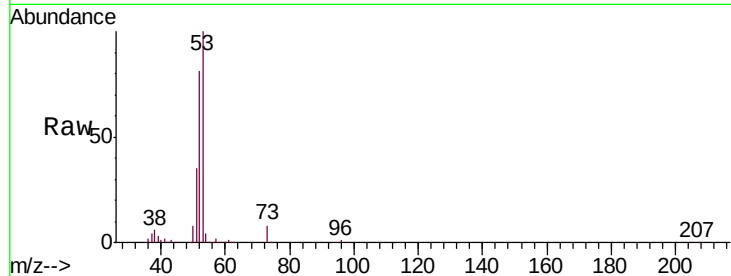
Tgt Ion: 53 Resp: 728113

Ion Ratio Lower Upper

53 100

52 82.4 66.2 99.2

51 35.9 28.5 42.7



#16

Acetone

Concen: 190.420 ug/l

RT: 3.80 min Scan# 630

Delta R.T. -0.00 min

Lab File: VN057435.D

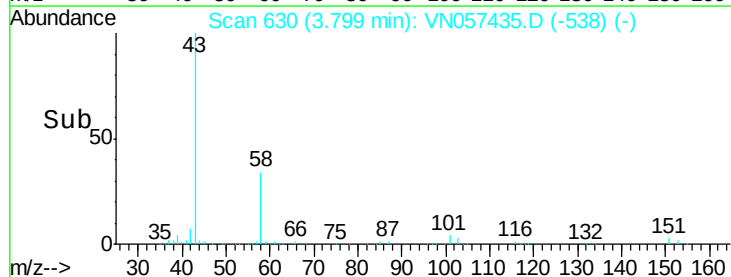
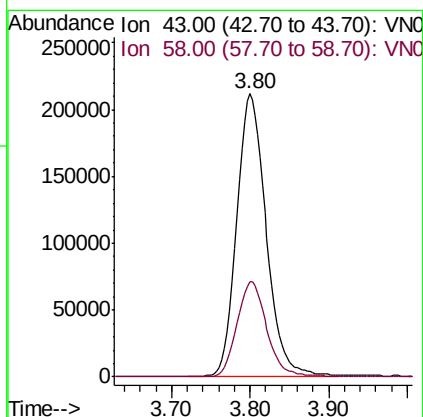
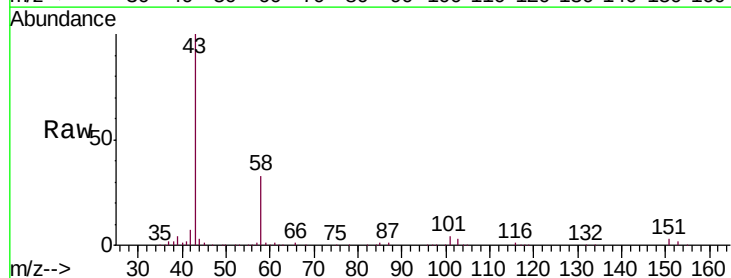
Acq: 20 Aug 2019 6:28

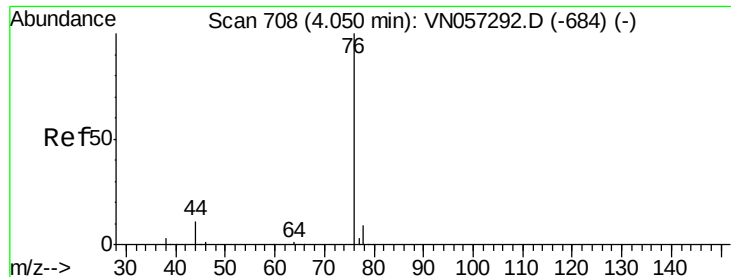
Tgt Ion: 43 Resp: 554203

Ion Ratio Lower Upper

43 100

58 33.4 27.0 40.6





#17

Carbon Disulfide

Concen: 43.295 ug/l

RT: 4.05 min Scan# 707

Delta R.T. -0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

Instrument :

MSVOA_N

ClientSampleId :

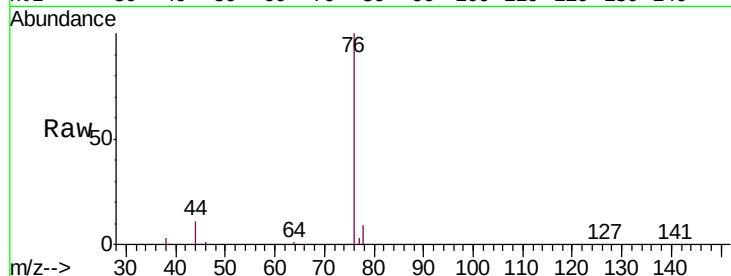
VSTDCCC050EC

Tgt Ion: 76 Resp: 789815

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO

4.05

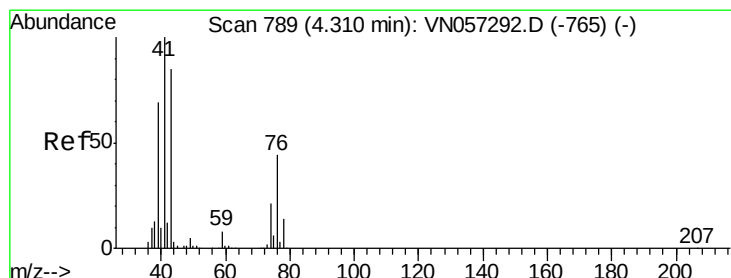
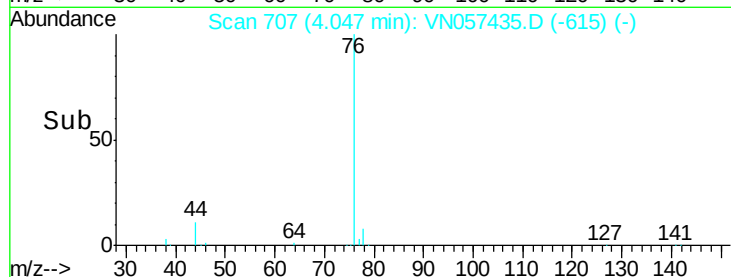
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 45.603 ug/l

RT: 4.31 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN057435.D

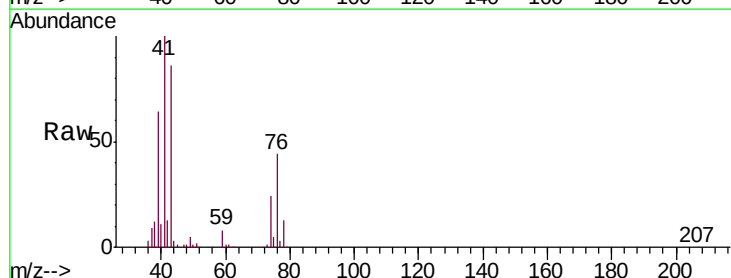
Acq: 20 Aug 2019 6:28

Tgt Ion: 43 Resp: 356298

Ion Ratio Lower Upper

43 100

74 27.5 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

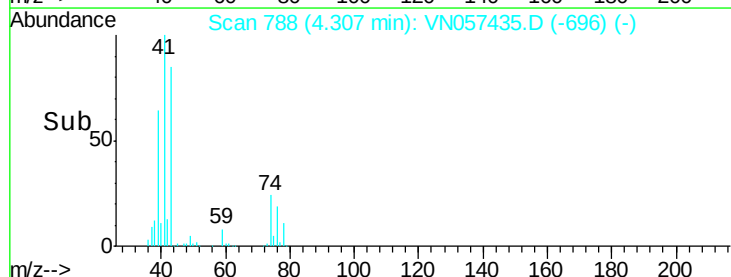
4.31

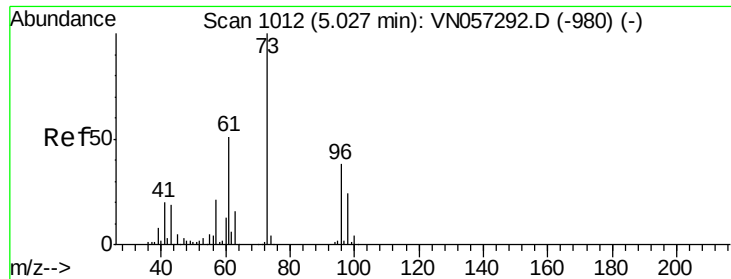
100000

50000

0

Time-->

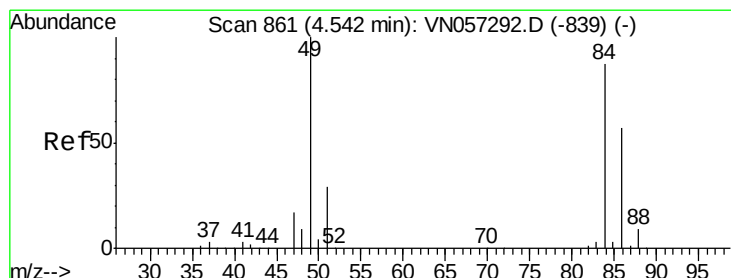
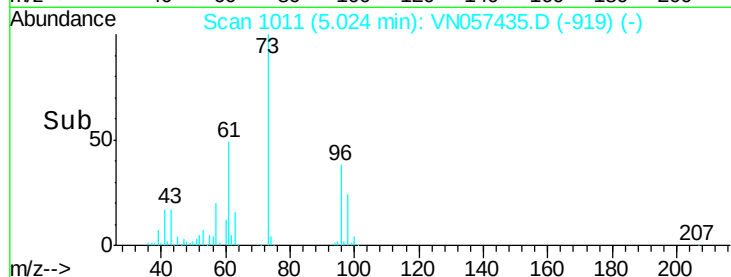
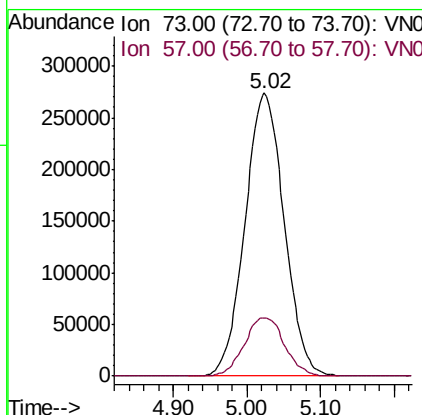
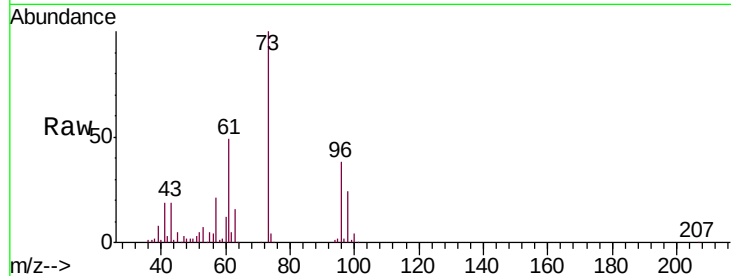




#19
Methyl tert-butyl Ether
Concen: 47.568 ug/l
RT: 5.02 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN057435.D
Acq: 20 Aug 2019 6:28

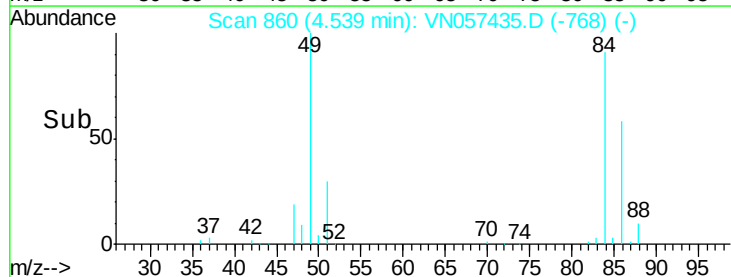
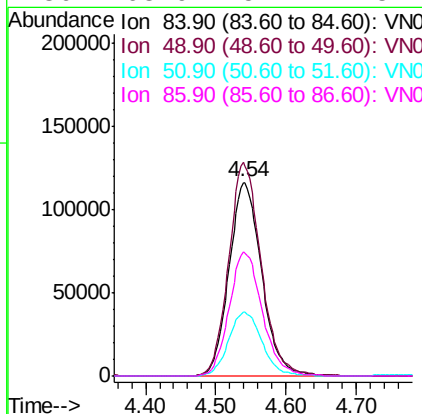
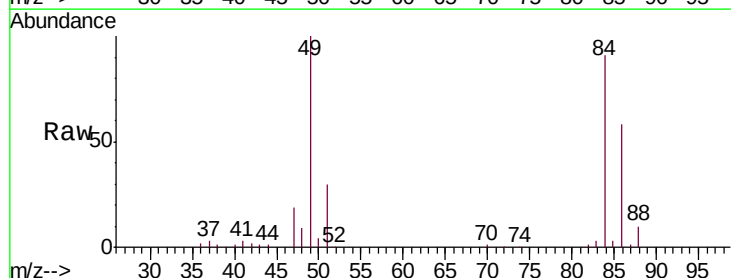
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

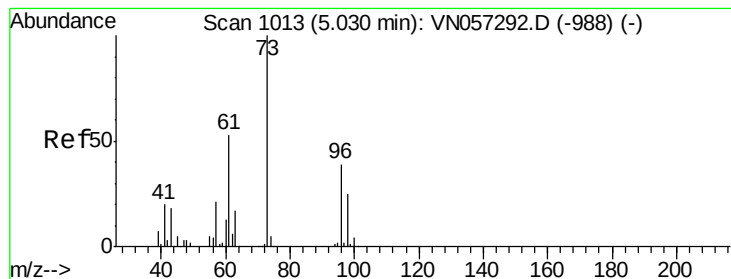
Tgt Ion: 73 Resp: 1010685
Ion Ratio Lower Upper
73 100
57 20.5 16.9 25.3



#20
Methylene Chloride
Concen: 46.041 ug/l
RT: 4.54 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN057435.D
Acq: 20 Aug 2019 6:28

Tgt Ion: 84 Resp: 374919
Ion Ratio Lower Upper
84 100
49 110.3 92.0 138.0
51 33.3 27.1 40.7
86 63.9 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 46.894 ug/l

RT: 5.03 min Scan# 1012

Delta R.T. -0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

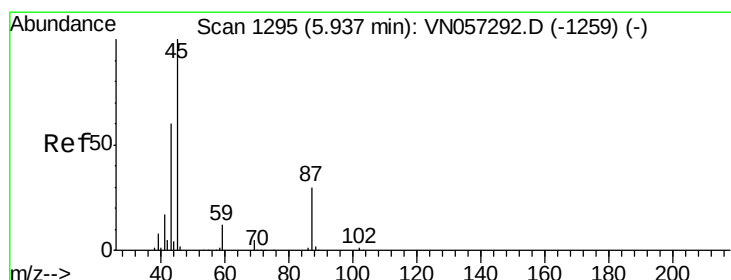
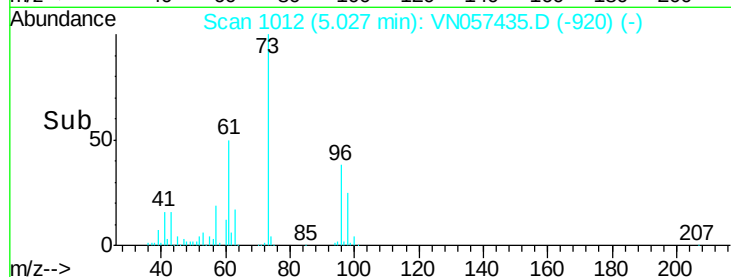
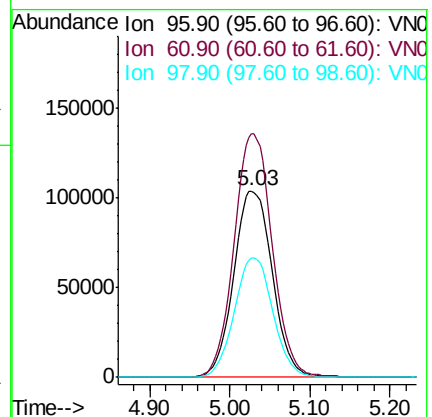
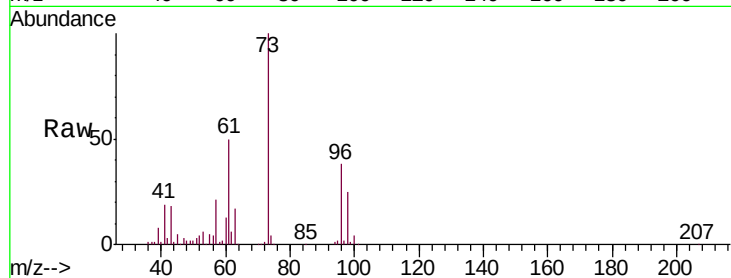
Tgt Ion: 96 Resp: 341476

Ion Ratio Lower Upper

96 100

61 130.3 109.5 164.3

98 64.0 51.0 76.6



#22

Diisopropyl ether

Concen: 45.713 ug/l

RT: 5.93 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

Tgt Ion: 45 Resp: 980169

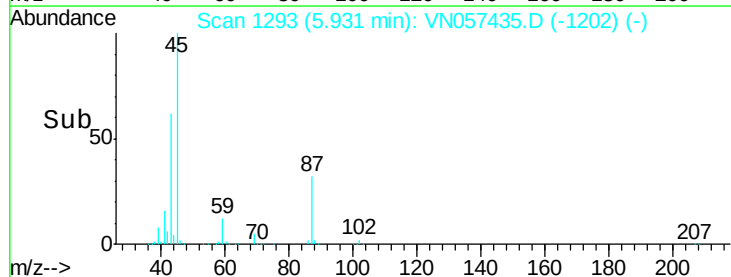
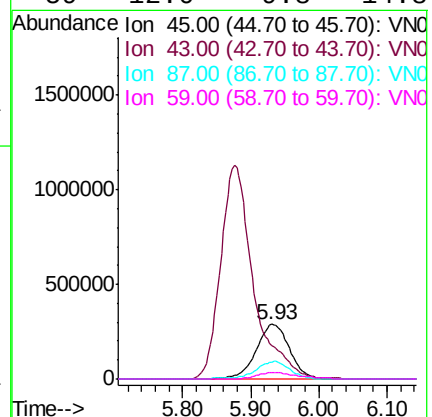
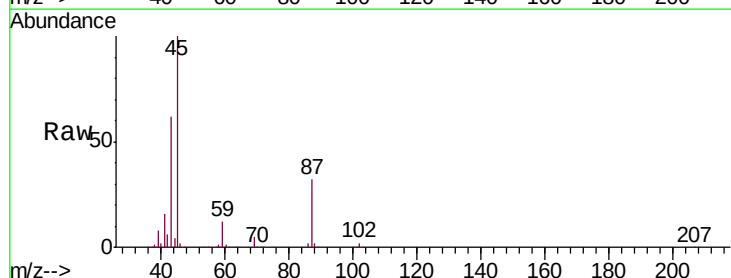
Ion Ratio Lower Upper

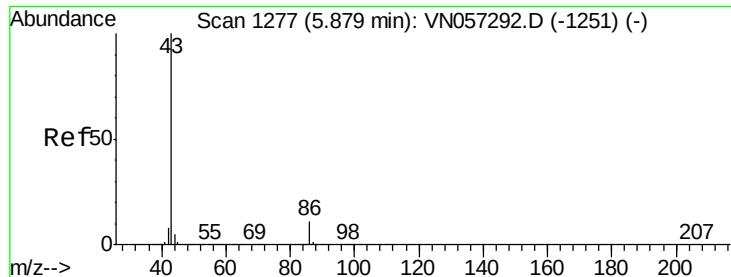
45 100

43 61.2 48.3 72.5

87 31.7 24.6 36.8

59 12.0 9.8 14.8





#23

Vinyl Acetate

Concen: 218.926 ug/l

RT: 5.88 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

Instrument :

MSVOA_N

ClientSampleId :

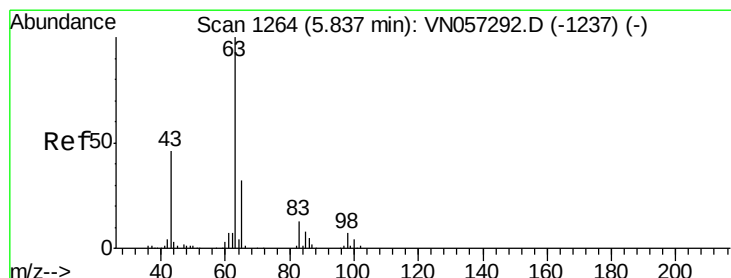
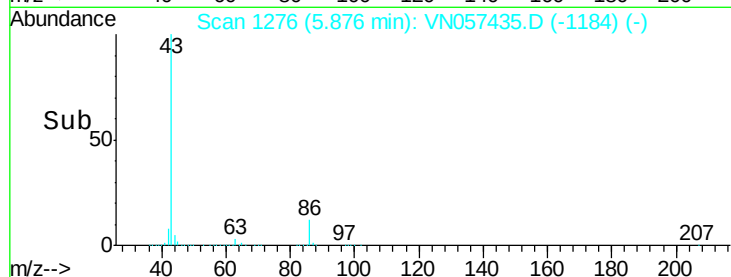
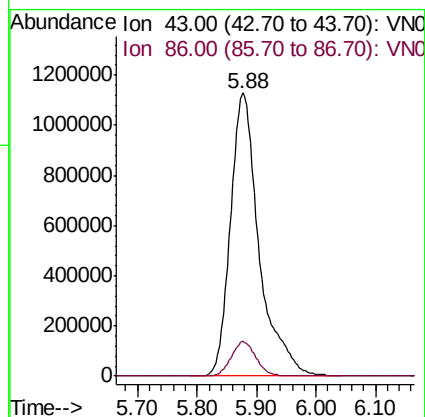
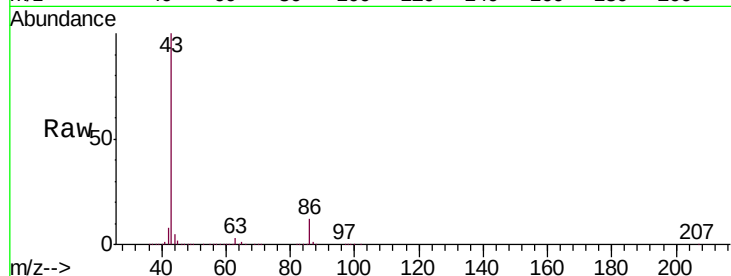
VSTDCCC050EC

Tgt Ion: 43 Resp: 3777907

Ion Ratio Lower Upper

43 100

86 12.2 8.7 13.1



#24

1,1-Dichloroethane

Concen: 47.081 ug/l

RT: 5.83 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

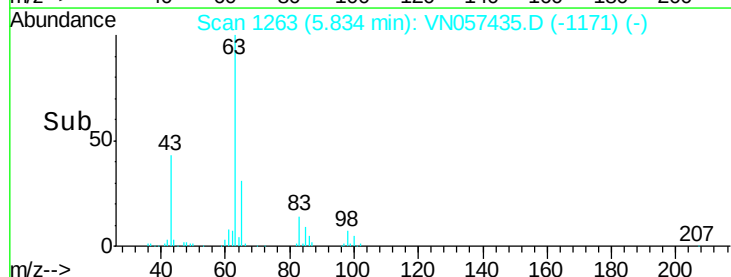
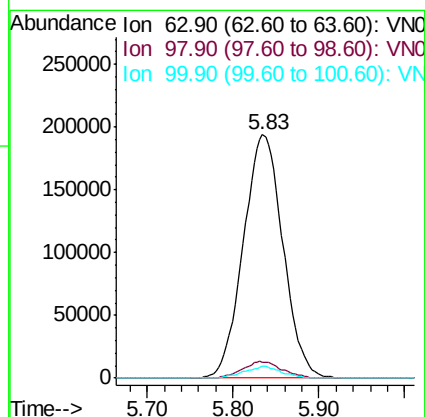
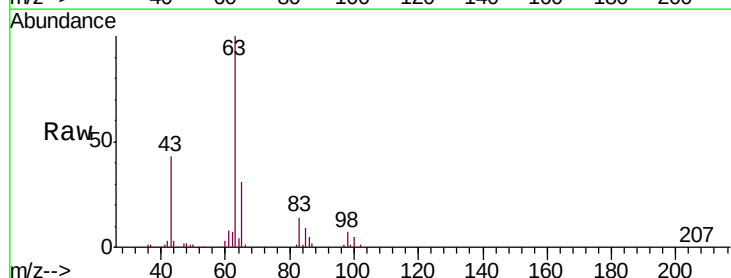
Tgt Ion: 63 Resp: 621076

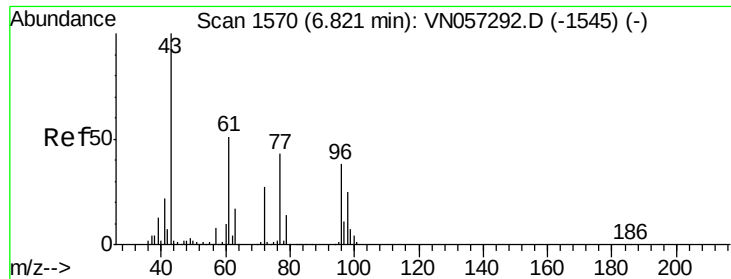
Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.9

100 4.8 2.1 6.5

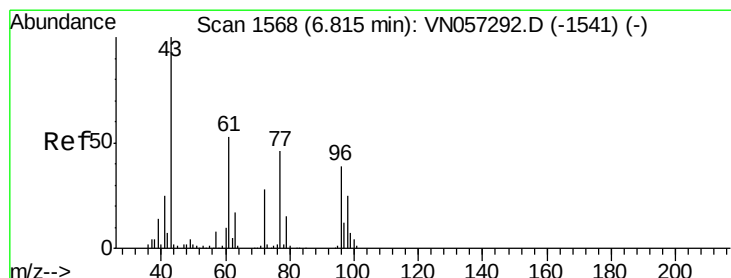
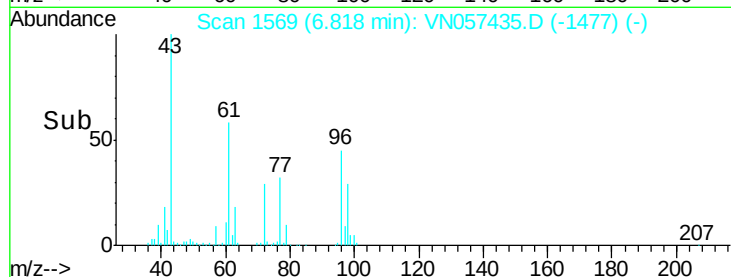
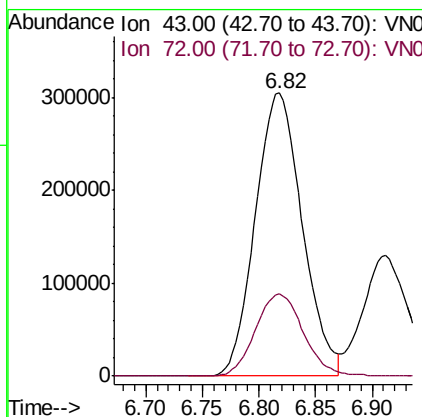
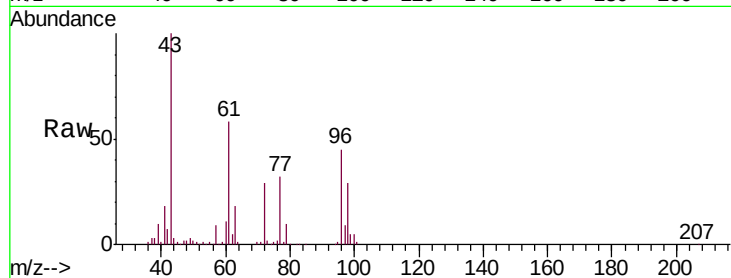




#25
2-Butanone
Concen: 207.844 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN057435.D
Acq: 20 Aug 2019 6:28

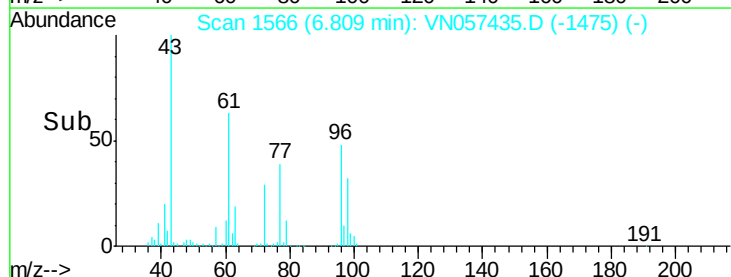
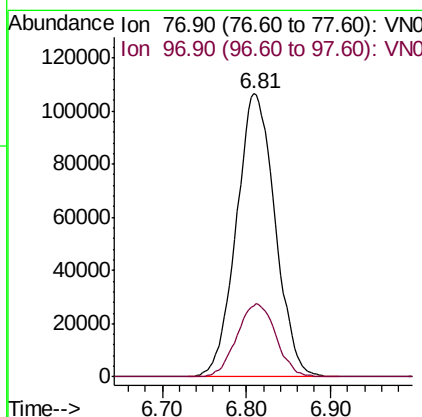
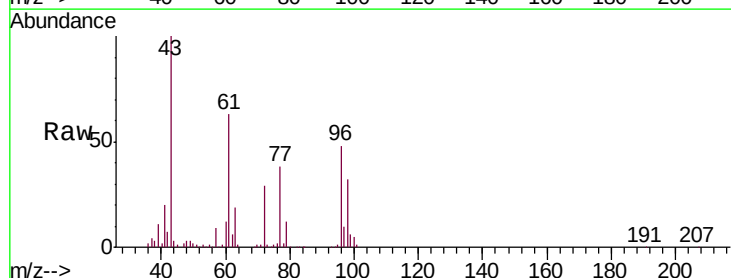
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

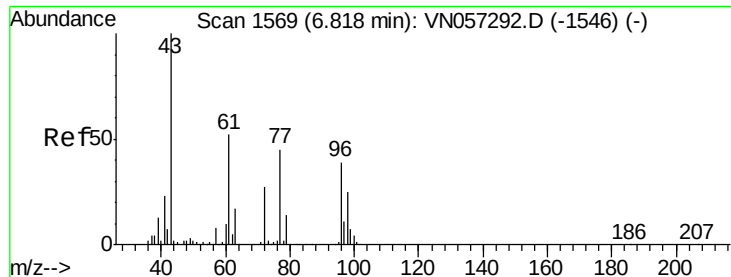
Tgt Ion: 43 Resp: 875980
Ion Ratio Lower Upper
43 100
72 29.2 21.5 32.3



#26
2,2-Dichloropropane
Concen: 31.853 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VN057435.D
Acq: 20 Aug 2019 6:28

Tgt Ion: 77 Resp: 339584
Ion Ratio Lower Upper
77 100
97 26.0 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 47.681 ug/l

RT: 6.82 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

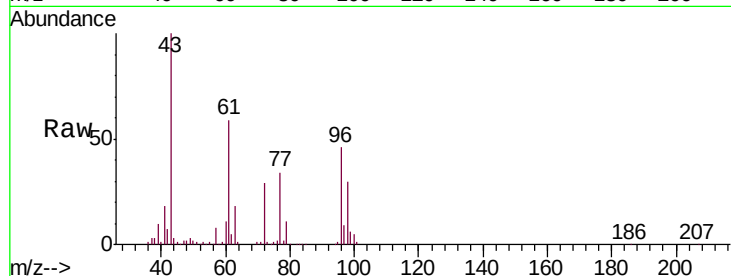
Tgt Ion: 96 Resp: 411051

Ion Ratio Lower Upper

96 100

61 127.5 0.0 272.0

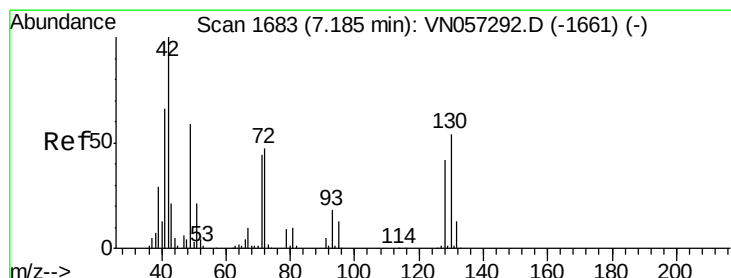
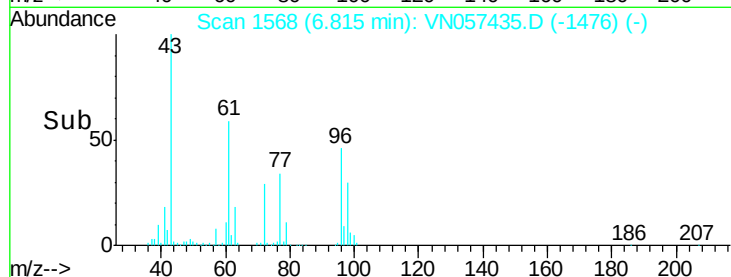
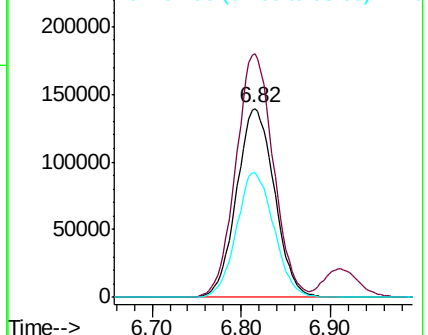
98 65.3 0.0 130.4



Abundance Ion 95.90 (95.60 to 96.60): VN057435.D (-1476) (-)

Ion 60.90 (60.60 to 61.60): VN057435.D (-1476) (-)

Ion 97.90 (97.60 to 98.60): VN057435.D (-1476) (-)



#28

Bromochloromethane

Concen: 47.306 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

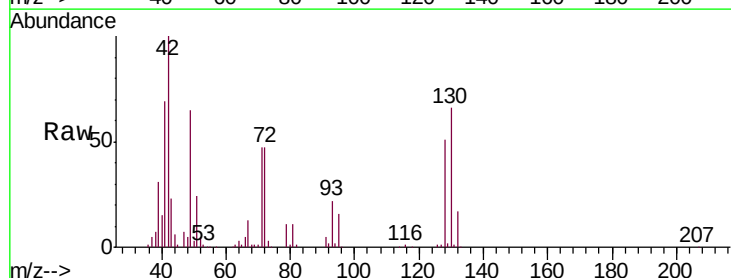
Tgt Ion: 49 Resp: 277272

Ion Ratio Lower Upper

49 100

129 2.6 0.0 2.0#

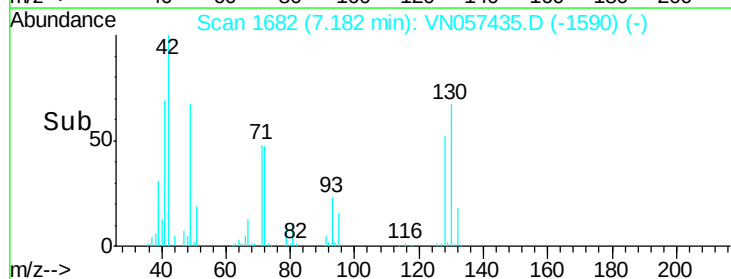
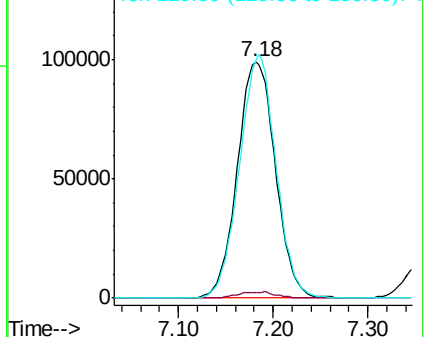
130 98.7 73.2 109.8

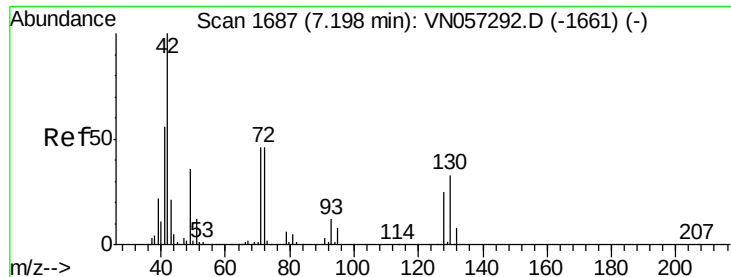


Abundance Ion 48.90 (48.60 to 49.60): VN057435.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN057435.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN057435.D (-1590) (-)

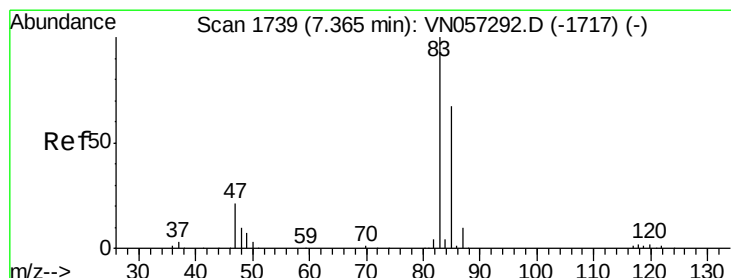
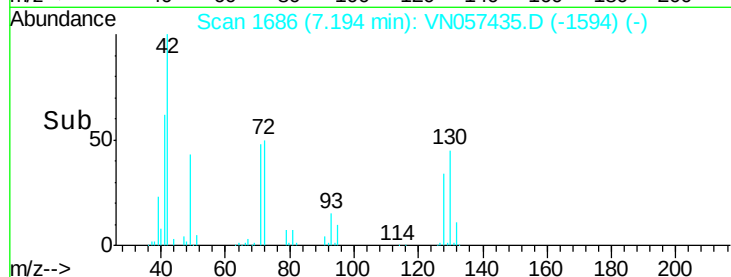
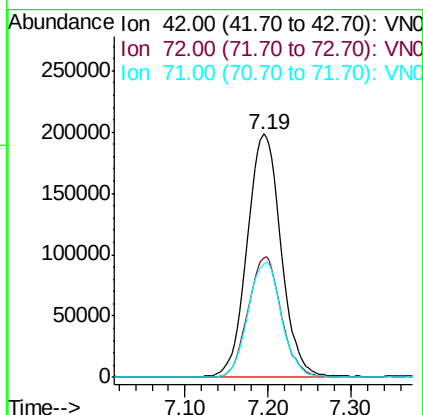
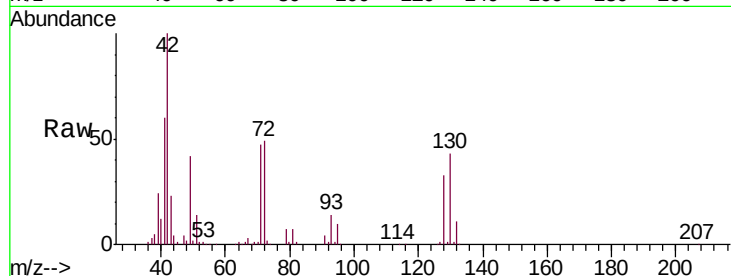




#29
Tetrahydrofuran
Concen: 211.746 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VN057435.D
Acq: 20 Aug 2019 6:28

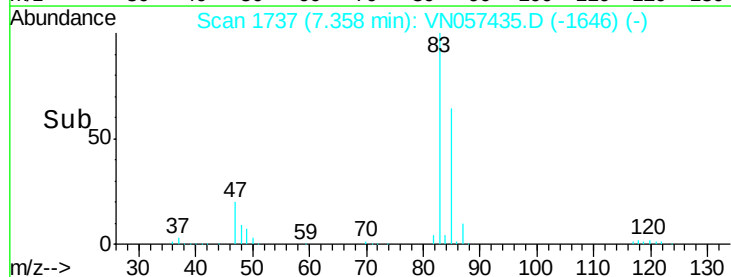
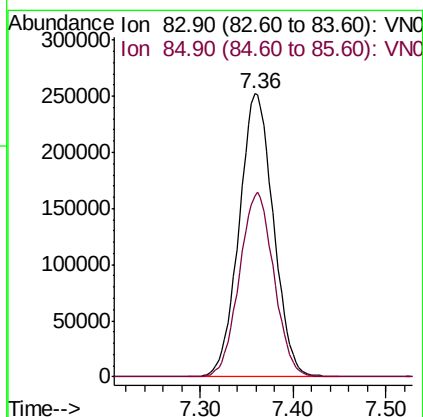
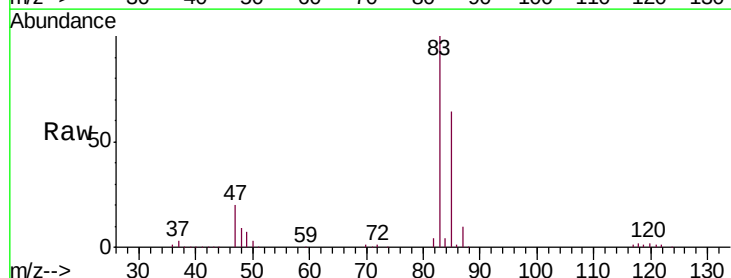
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

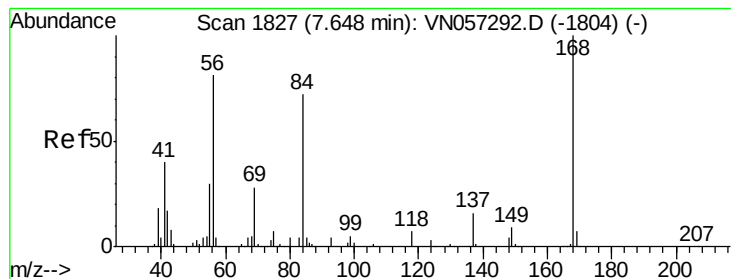
Tgt Ion: 42 Resp: 564772
Ion Ratio Lower Upper
42 100
72 48.2 37.8 56.6
71 46.7 35.7 53.5



#30
Chloroform
Concen: 46.915 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. -0.01 min
Lab File: VN057435.D
Acq: 20 Aug 2019 6:28

Tgt Ion: 83 Resp: 648561
Ion Ratio Lower Upper
83 100
85 64.0 53.3 79.9





#31

Cyclohexane

Concen: 43.259 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

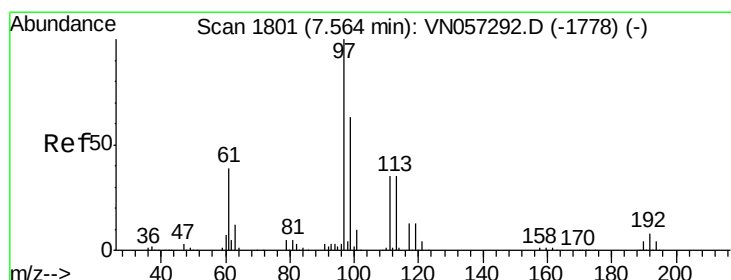
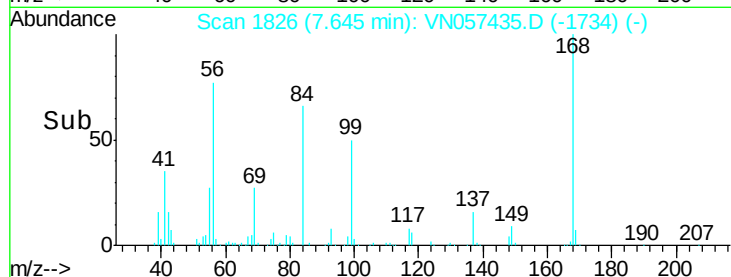
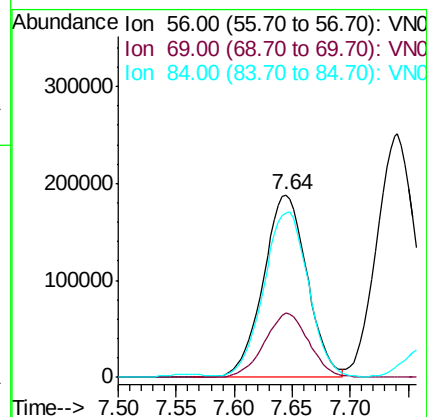
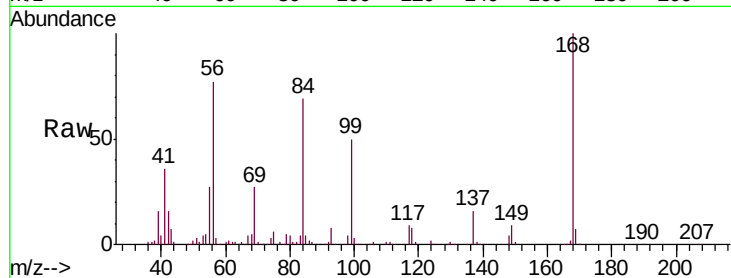
Tgt Ion: 56 Resp: 494527

Ion Ratio Lower Upper

56 100

69 35.1 27.3 40.9

84 88.4 71.0 106.6



#32

1,1,1-Trichloroethane

Concen: 49.631 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

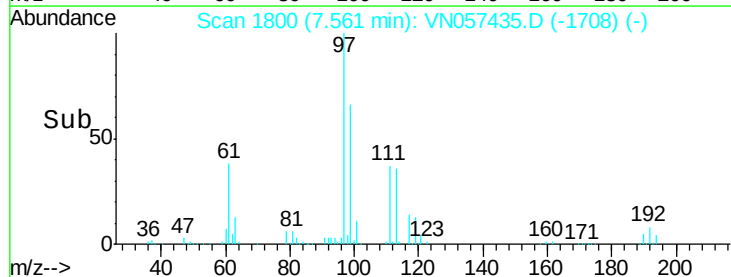
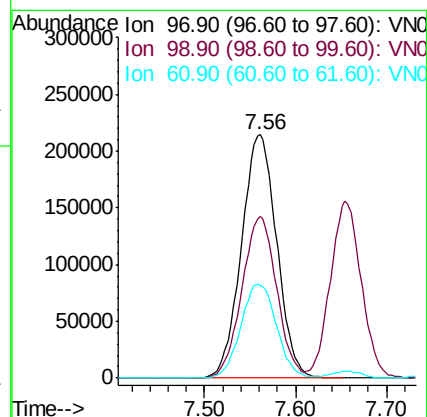
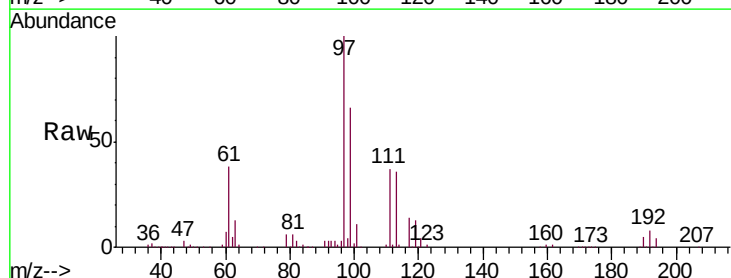
Tgt Ion: 97 Resp: 577083

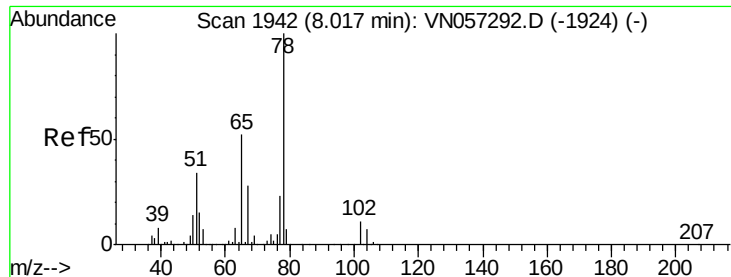
Ion Ratio Lower Upper

97 100

99 65.5 50.3 75.5

61 39.2 31.3 46.9

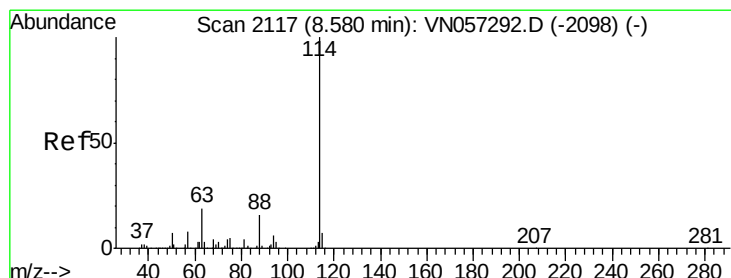
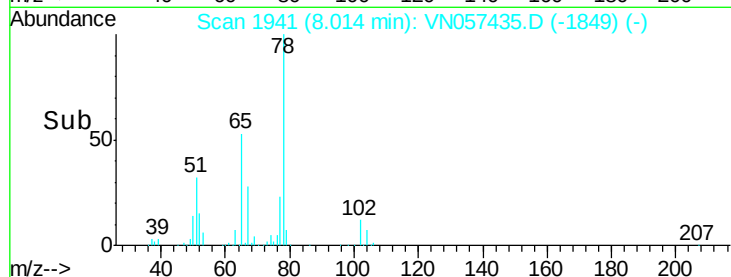
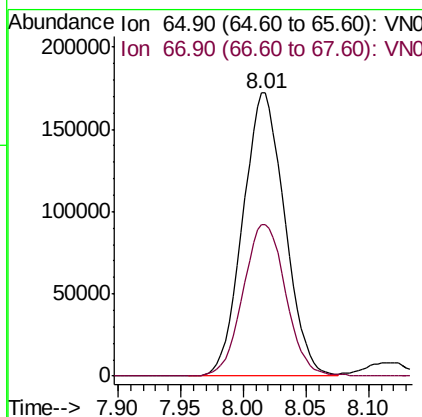
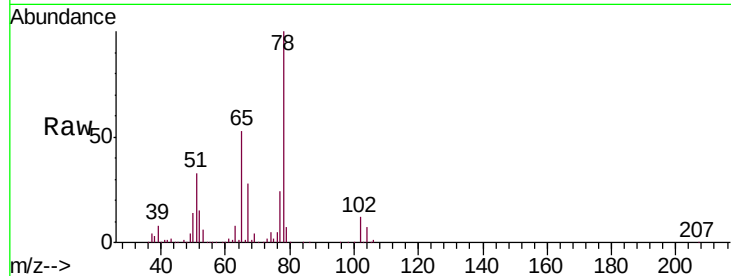




#33
 1,2-Dichloroethane-d4
 Concen: 47.798 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: VN057435.D
 Acq: 20 Aug 2019 6:28

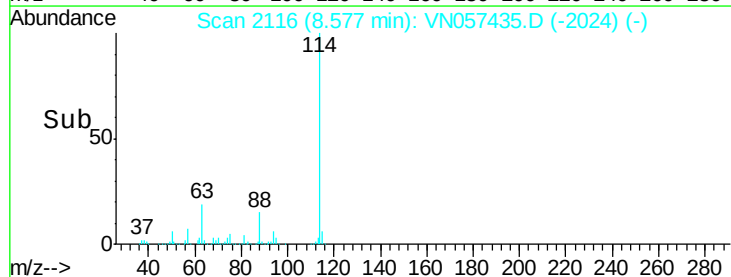
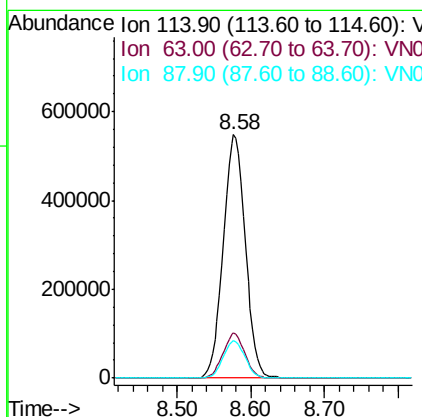
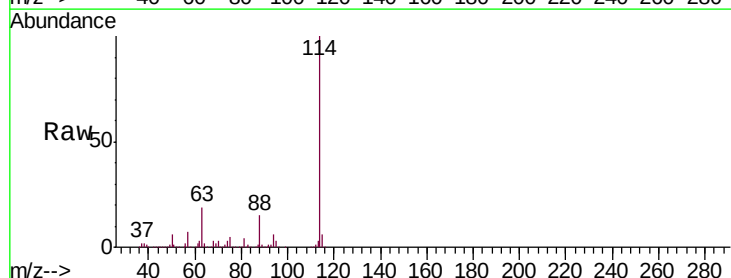
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

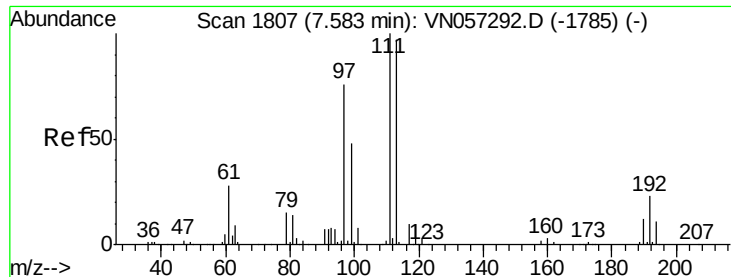
Tgt Ion: 65 Resp: 401017
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. -0.00 min
 Lab File: VN057435.D
 Acq: 20 Aug 2019 6:28

Tgt Ion: 114 Resp: 1141873
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.8
 88 15.5 0.0 31.4

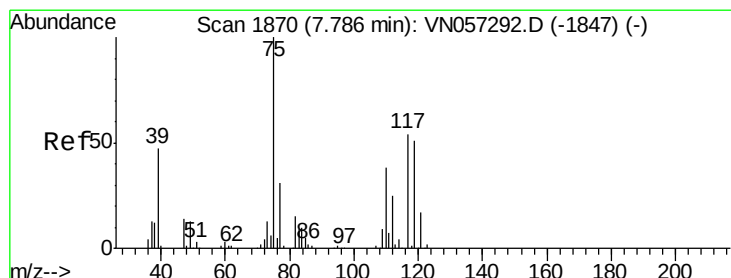
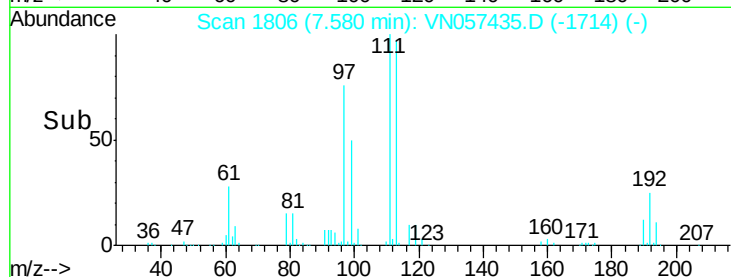
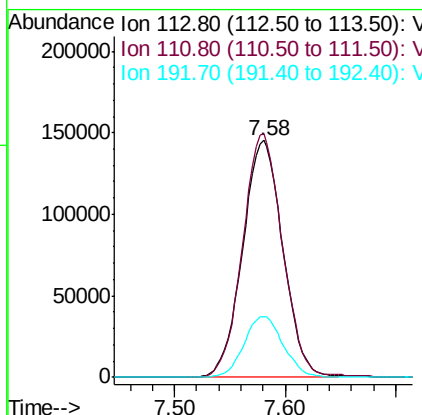
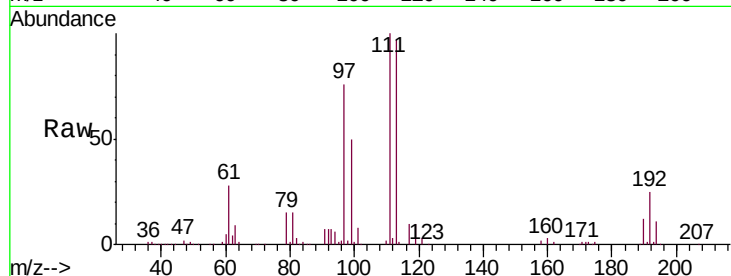




#35
 Dibromofluoromethane
 Concen: 49.025 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN057435.D
 Acq: 20 Aug 2019 6:28

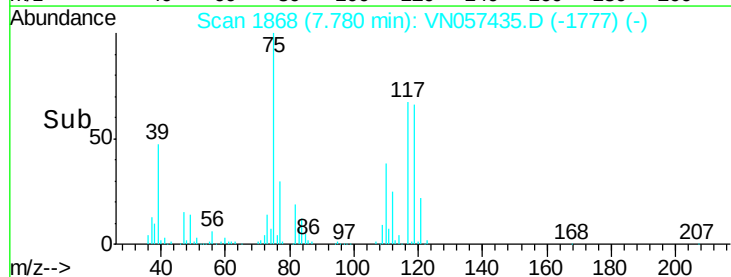
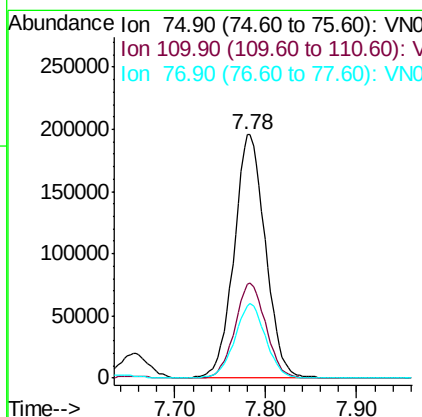
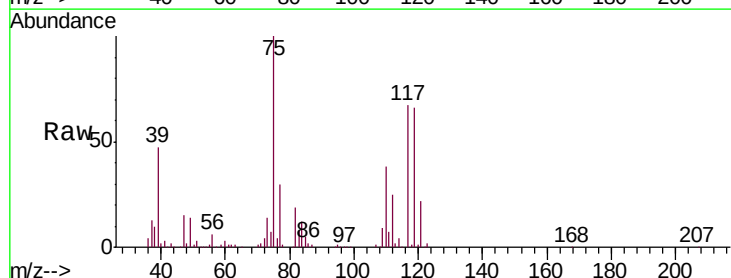
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

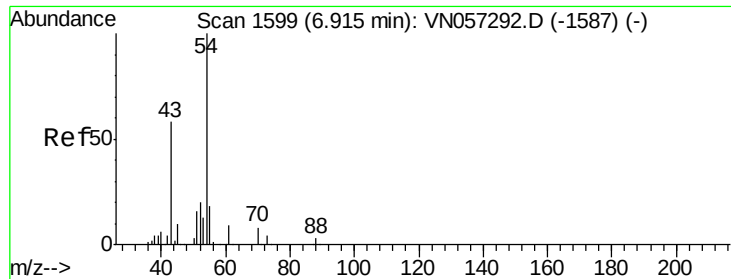
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.1	123.1
192	25.2	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 46.241 ug/l
 RT: 7.78 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VN057435.D
 Acq: 20 Aug 2019 6:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.7	19.5	58.5
77	30.4	25.0	37.6

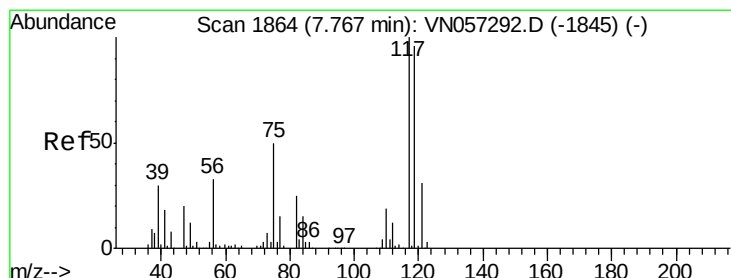
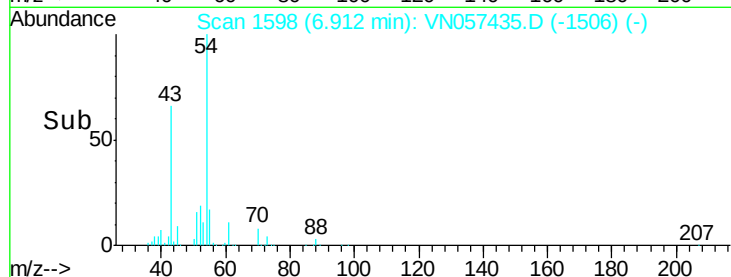
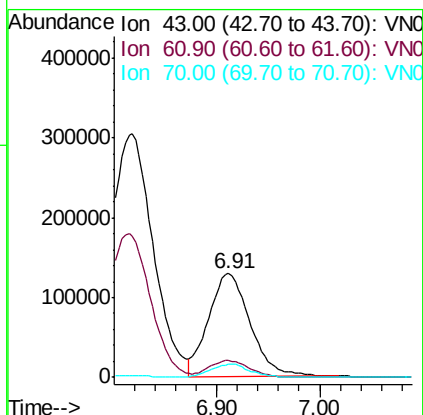
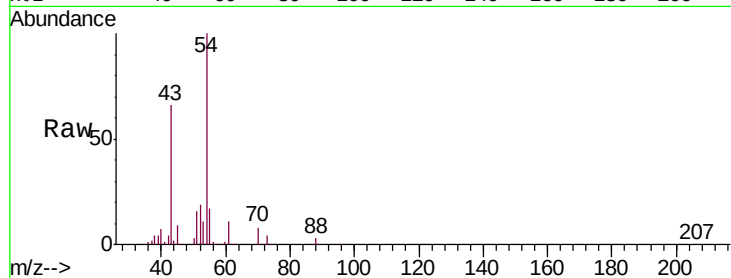




#37
Ethyl Acetate
 Concen: 43.911 ug/l
 RT: 6.91 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: VN057435.D
 Acq: 20 Aug 2019 6:28

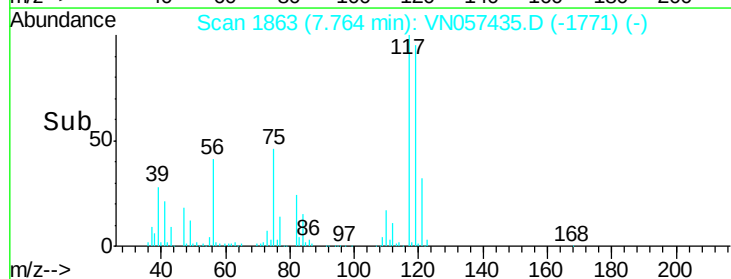
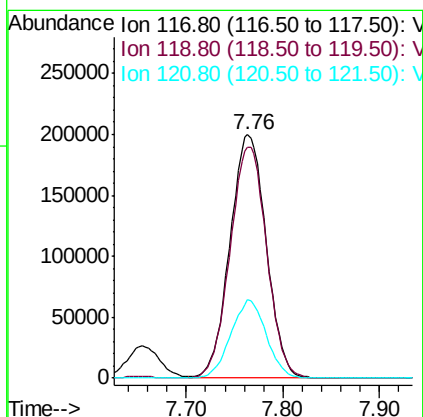
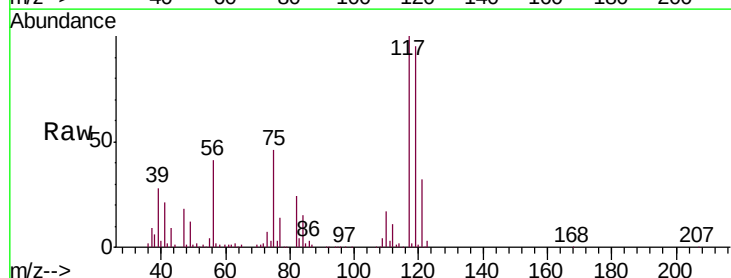
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

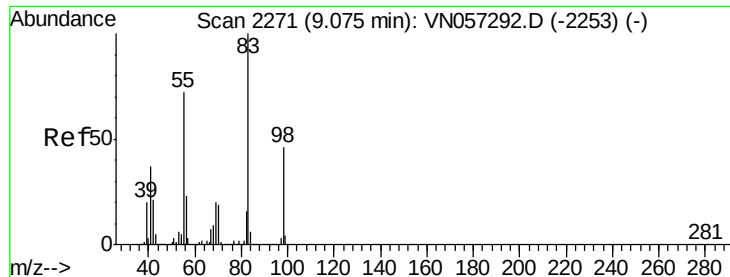
Tgt Ion: 43 Resp: 362599
 Ion Ratio Lower Upper
 43 100
 61 15.6 12.0 18.0
 70 12.2 9.2 13.8



#38
Carbon Tetrachloride
 Concen: 49.565 ug/l
 RT: 7.76 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VN057435.D
 Acq: 20 Aug 2019 6:28

Tgt Ion: 117 Resp: 519213
 Ion Ratio Lower Upper
 117 100
 119 95.0 76.8 115.2
 121 32.0 25.0 37.4

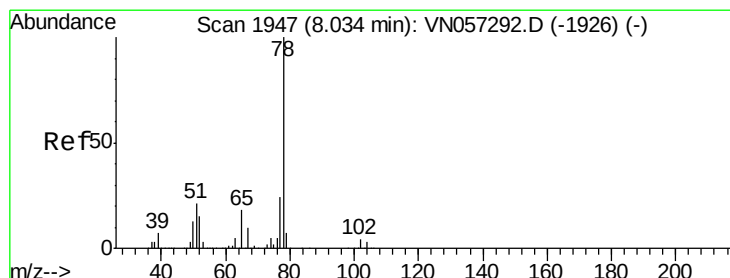
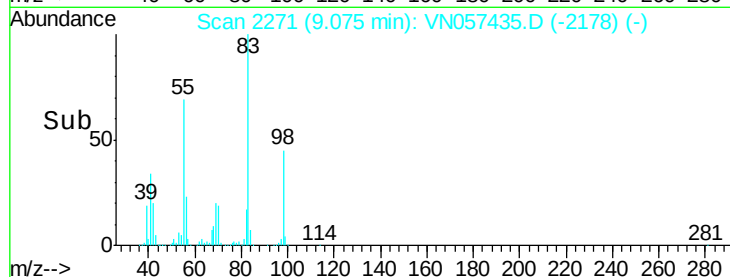
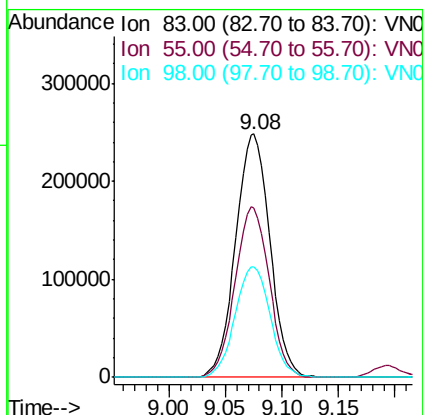
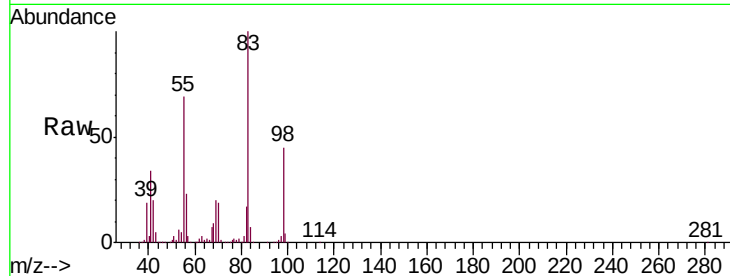




#39
Methylcyclohexane
Concen: 44.693 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VN057435.D
Acq: 20 Aug 2019 6:28

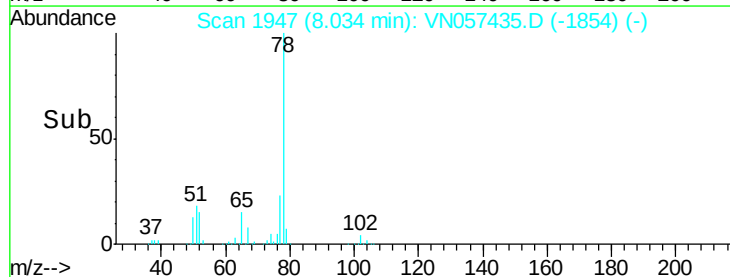
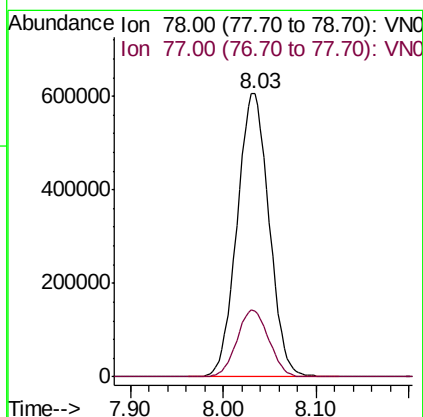
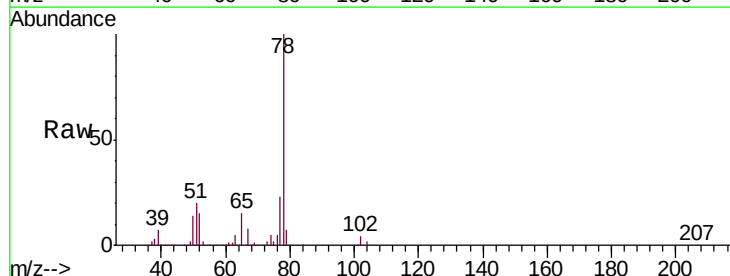
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

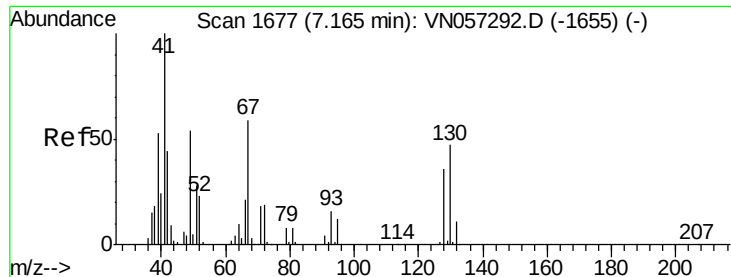
Tgt Ion: 83 Resp: 526146
Ion Ratio Lower Upper
83 100
55 69.5 57.5 86.3
98 45.5 36.6 55.0



#40
Benzene
Concen: 47.034 ug/l
RT: 8.03 min Scan# 1947
Delta R.T. 0.00 min
Lab File: VN057435.D
Acq: 20 Aug 2019 6:28

Tgt Ion: 78 Resp: 1450388
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7

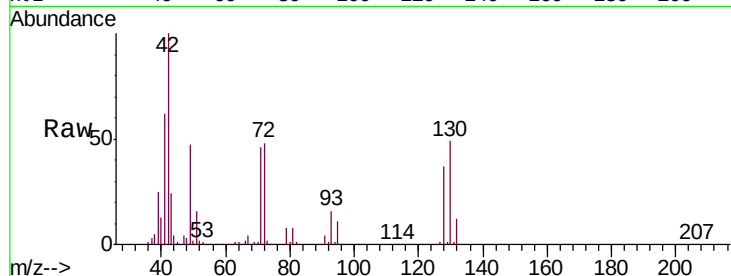




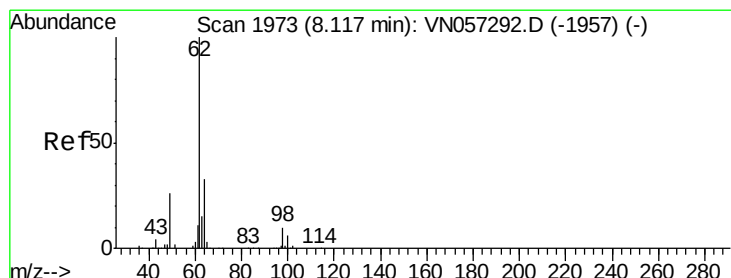
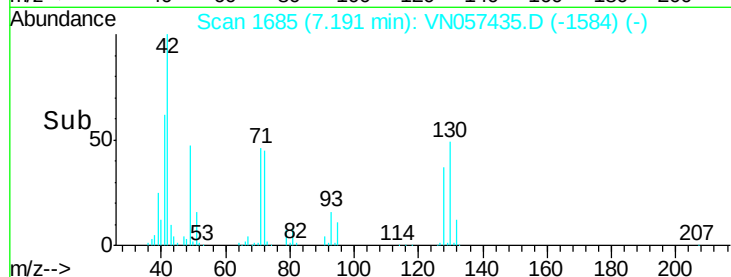
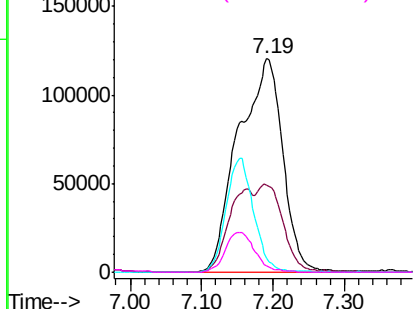
#41
Methacrylonitrile
Concen: 139.916 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.03 min
Lab File: VN057435.D
Acq: 20 Aug 2019 6:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	520300
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

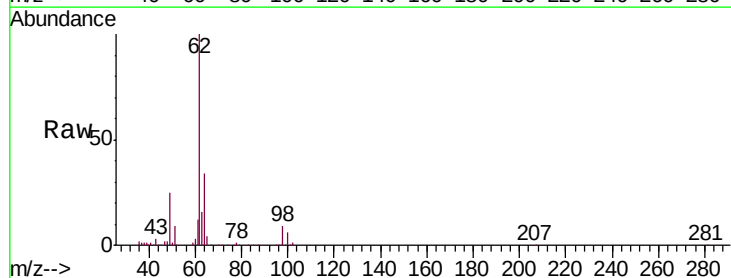


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

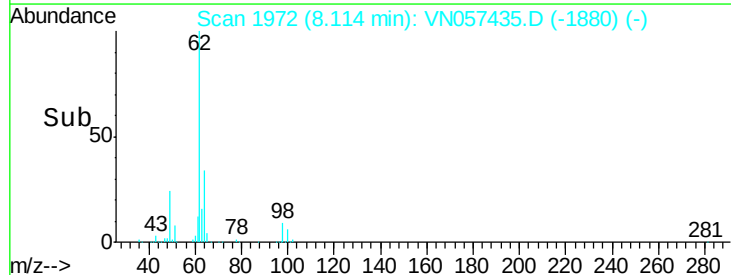
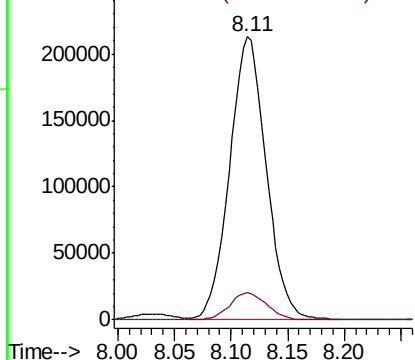


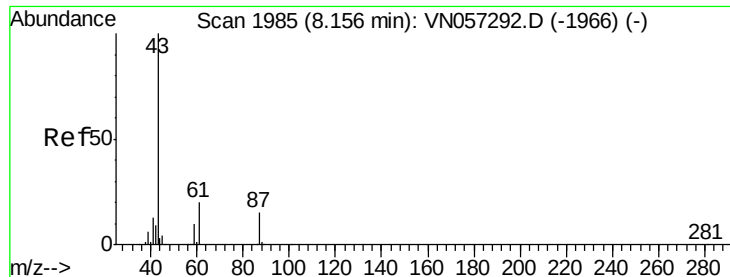
#42
1,2-Dichloroethane
Concen: 46.691 ug/l
RT: 8.11 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VN057435.D
Acq: 20 Aug 2019 6:28

Tgt Ion:	62	Resp:	476538
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.4



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 50.267 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. -0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

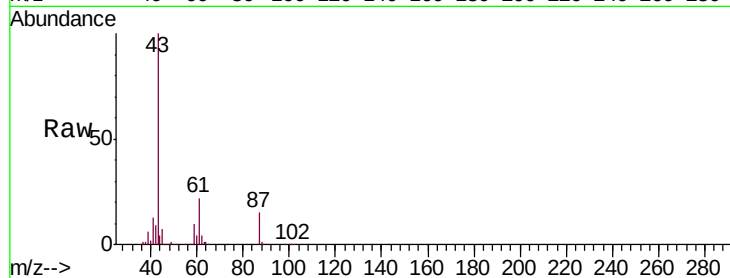
Tgt Ion: 43 Resp: 759008

Ion Ratio Lower Upper

43 100

61 25.6 21.6 32.4

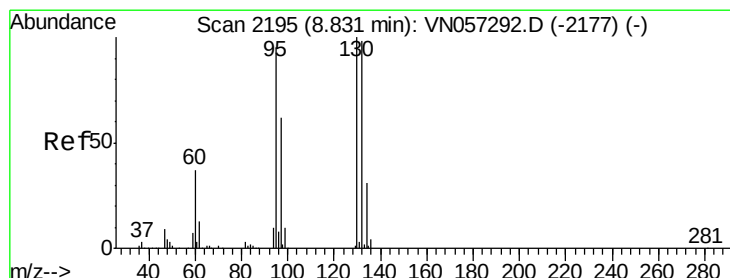
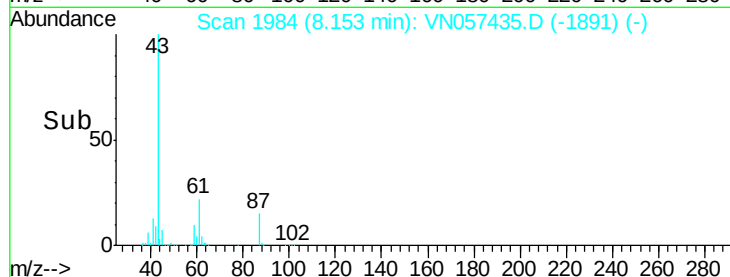
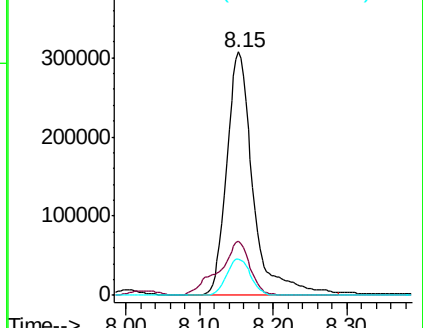
87 13.7 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN057292.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN057292.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN057292.D (-1966) (-)



#44

Trichloroethene

Concen: 48.188 ug/l

RT: 8.83 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VN057435.D

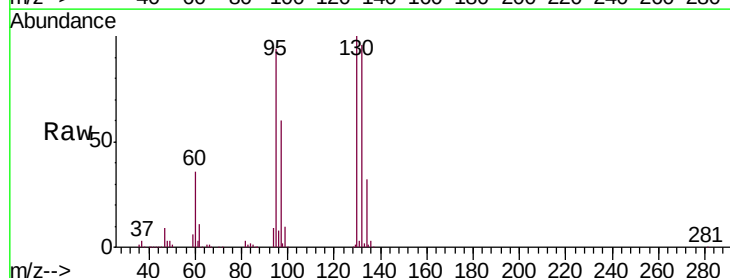
Acq: 20 Aug 2019 6:28

Tgt Ion: 130 Resp: 417771

Ion Ratio Lower Upper

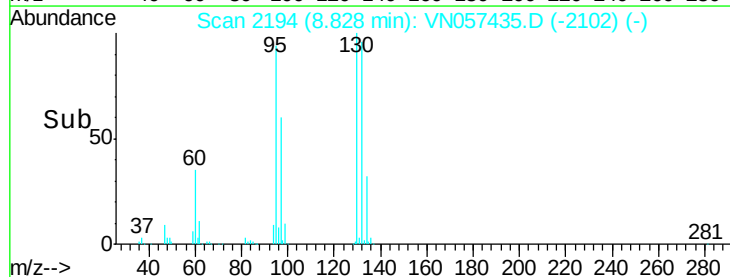
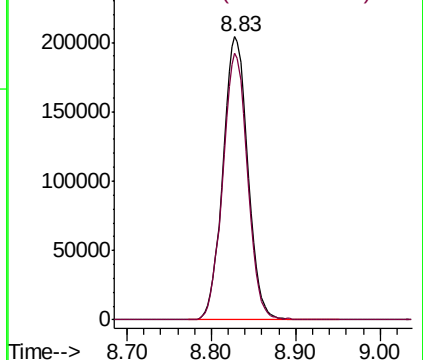
130 100

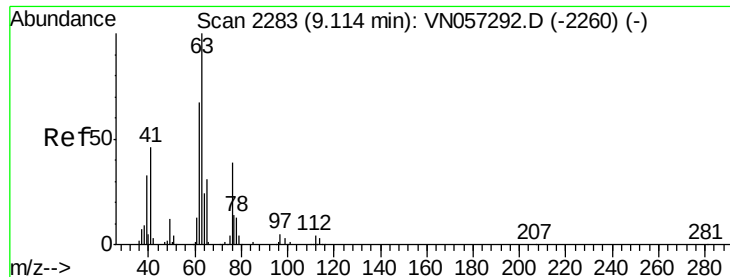
95 94.1 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): VN057292.D (-2177) (-)

Ion 94.90 (94.60 to 95.60): VN057292.D (-2177) (-)

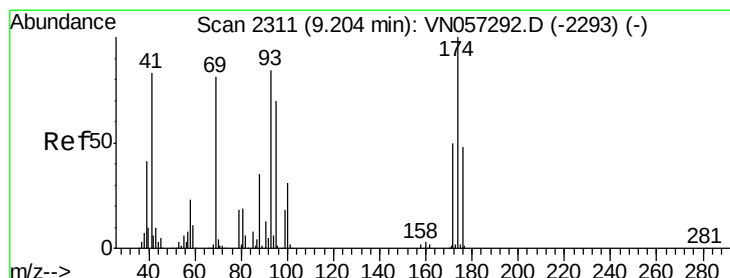
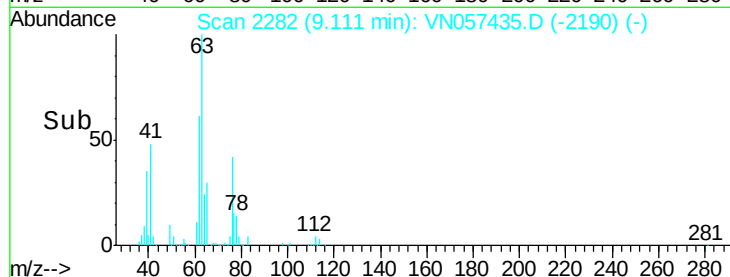
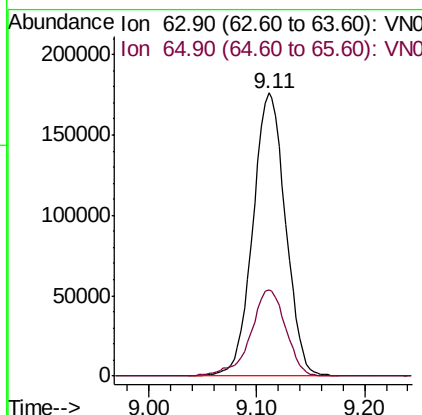
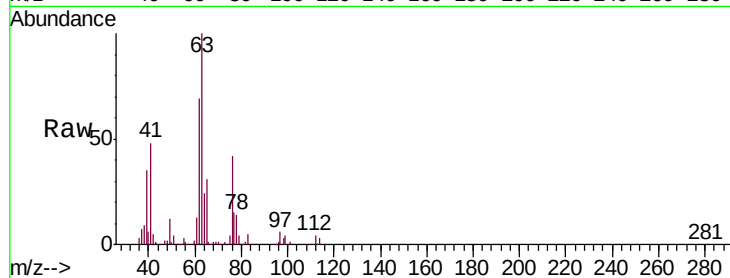




#45
 1,2-Dichloropropane
 Concen: 46.556 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. -0.00 min
 Lab File: VN057435.D
 Acq: 20 Aug 2019 6:28

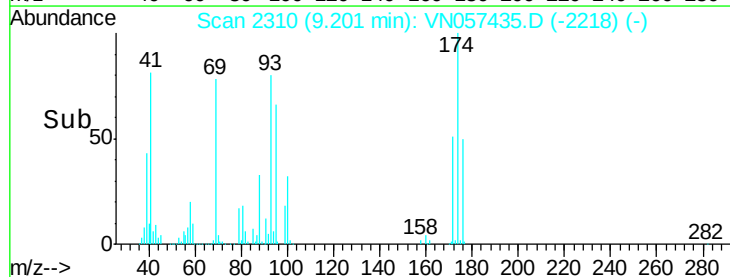
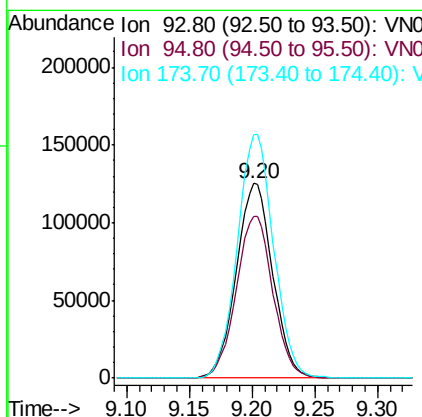
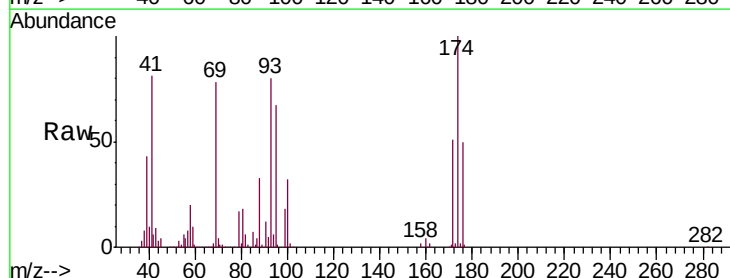
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

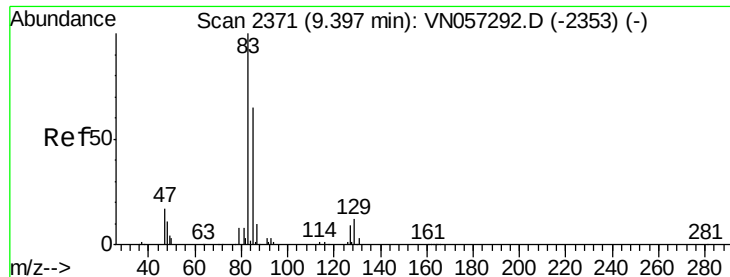
Tgt Ion: 63 Resp: 370050
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.8 37.2



#46
 Dibromomethane
 Concen: 47.696 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN057435.D
 Acq: 20 Aug 2019 6:28

Tgt Ion: 93 Resp: 252917
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.5 99.7
 174 125.1 95.7 143.5





#47

Bromodichloromethane

Concen: 49.213 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

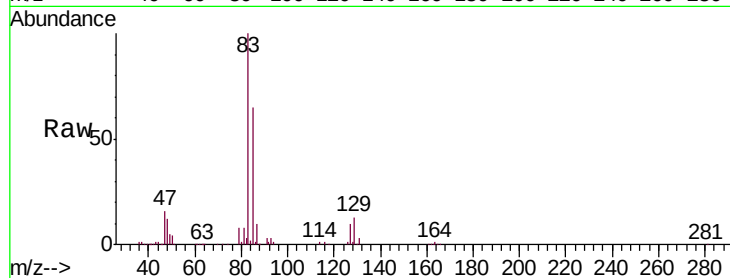
Tgt Ion: 83 Resp: 517053

Ion Ratio Lower Upper

83 100

85 64.7 51.9 77.9

127 9.8 7.2 10.8

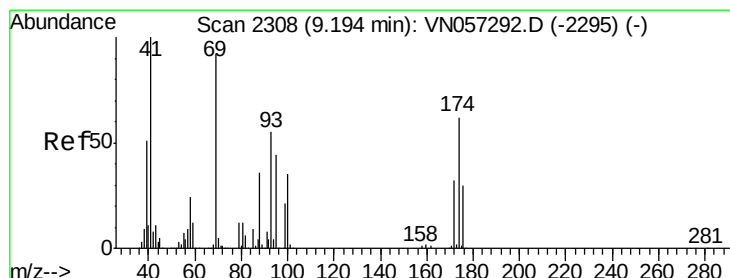
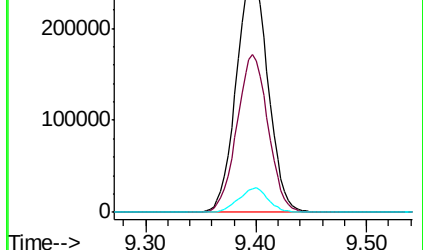
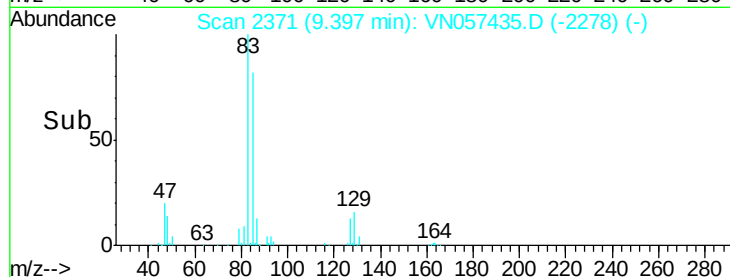


Abundance Ion 82.90 (82.60 to 83.60): VN057435.D (-2278) (-)

Ion 84.90 (84.60 to 85.60): VN057435.D (-2278) (-)

Ion 126.80 (126.50 to 127.50): VN057435.D (-2278) (-)

Time-->



#48

Methyl methacrylate

Concen: 44.017 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

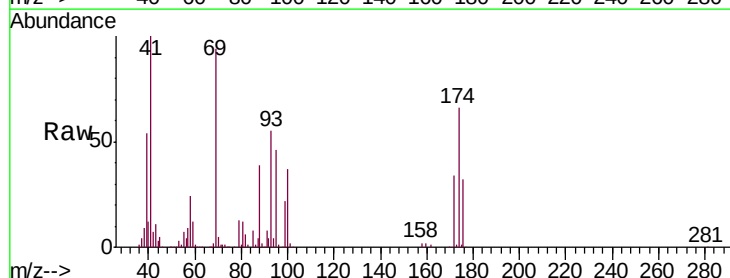
Tgt Ion: 41 Resp: 299312

Ion Ratio Lower Upper

41 100

69 98.3 75.9 113.9

39 55.9 42.3 63.5

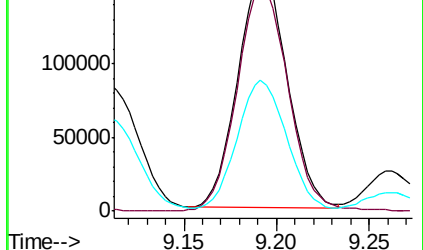
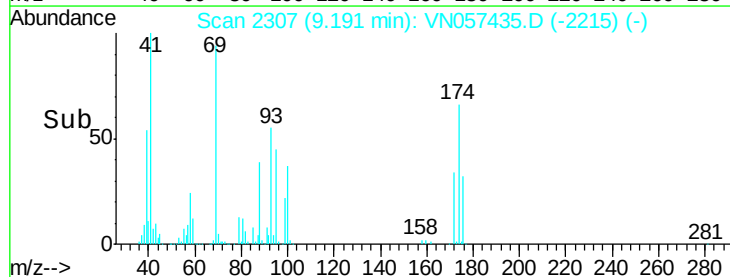


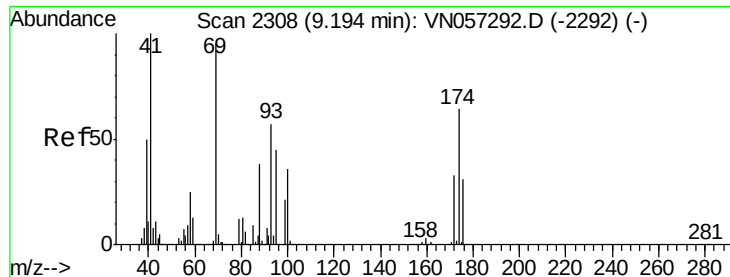
Abundance Ion 41.00 (40.70 to 41.70): VN057435.D (-2215) (-)

Ion 69.00 (68.70 to 69.70): VN057435.D (-2215) (-)

Ion 39.00 (38.70 to 39.70): VN057435.D (-2215) (-)

Time-->

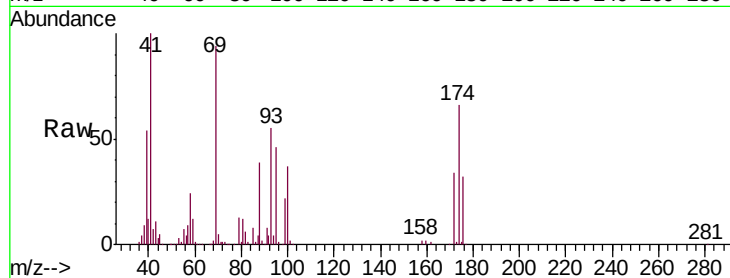




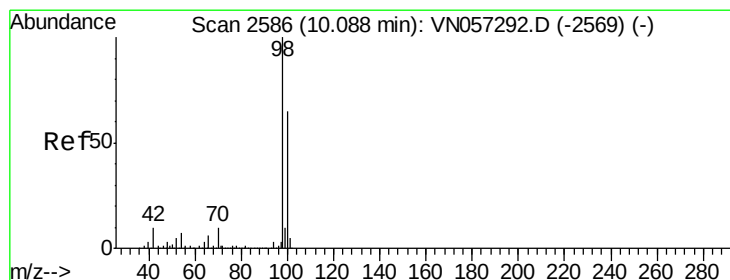
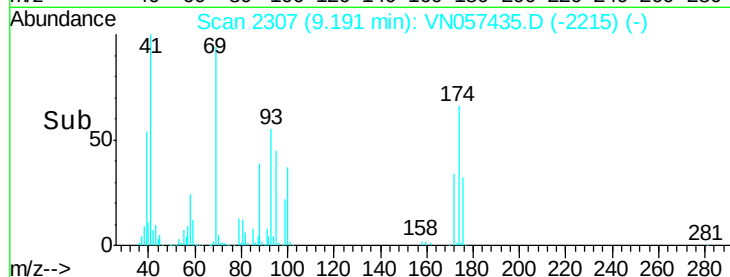
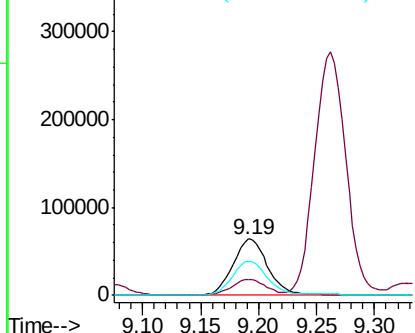
#49
1,4-Dioxane
Concen: 936.107 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. -0.00 min
Lab File: VN057435.D
Acq: 20 Aug 2019 6:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 133863
Ion Ratio Lower Upper
88 100
43 26.3 22.9 34.3
58 60.5 52.7 79.1

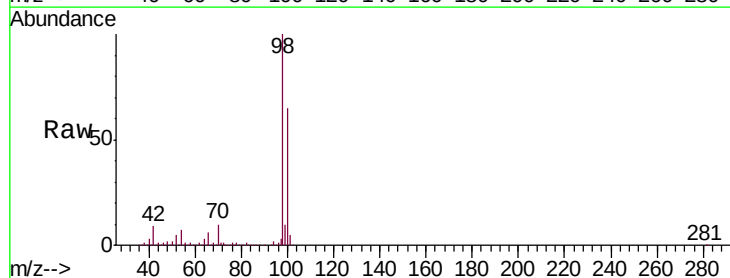


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

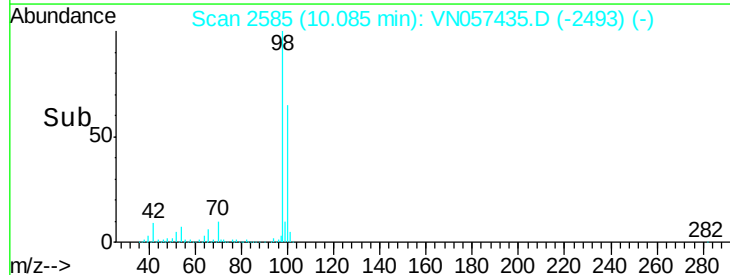
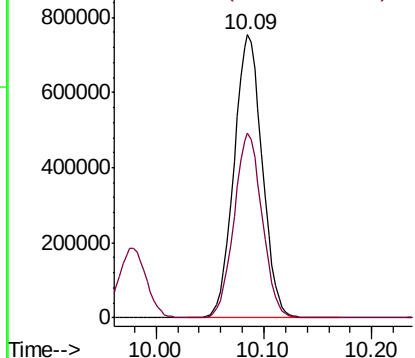


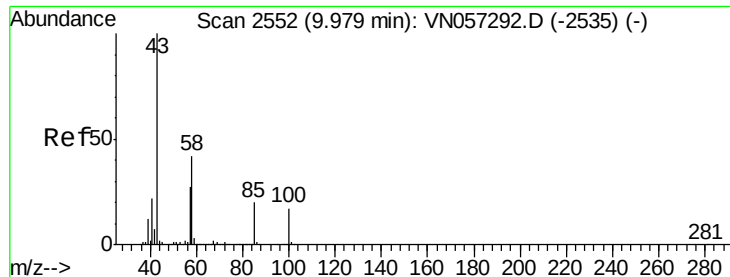
#50
Toluene-d8
Concen: 50.141 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN057435.D
Acq: 20 Aug 2019 6:28

Tgt Ion: 98 Resp: 1372722
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



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

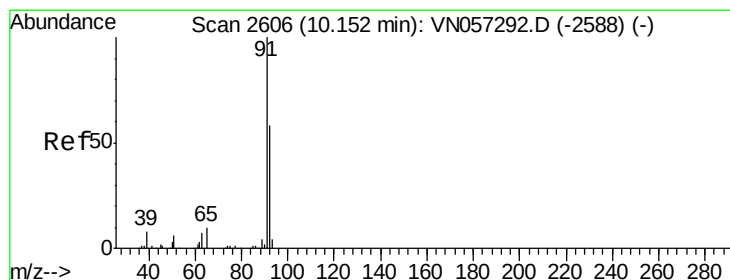
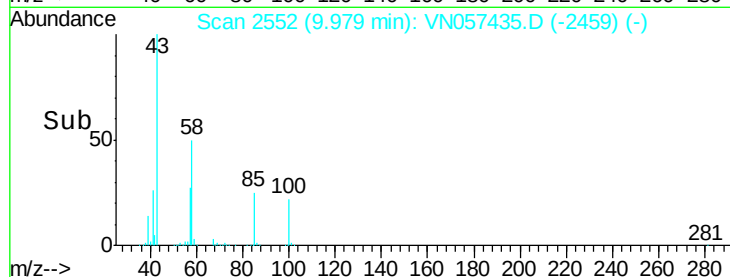
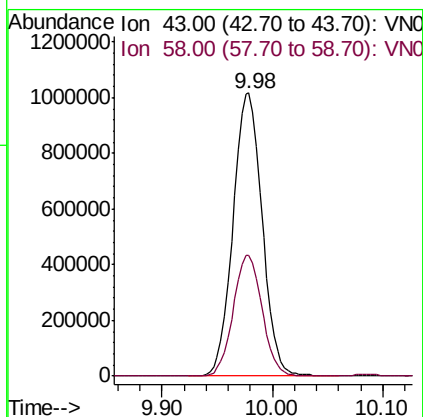
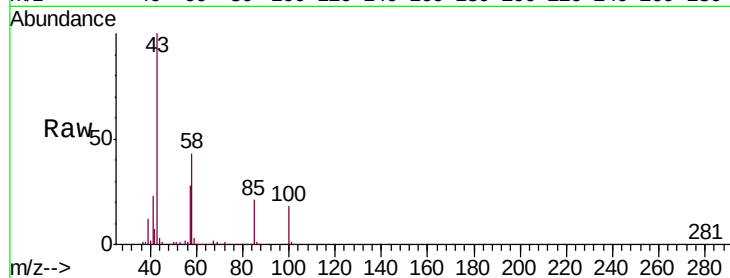




#51
 4-Methyl-2-Pentanone
 Concen: 217.876 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: VN057435.D
 Acq: 20 Aug 2019 6:28

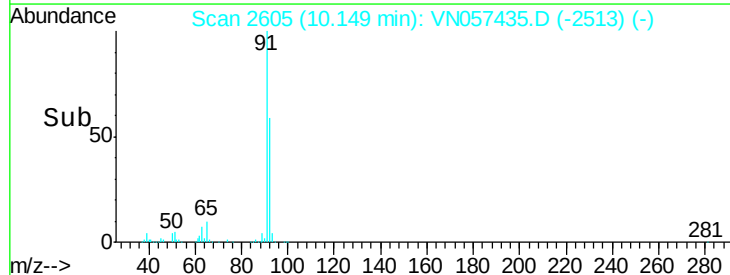
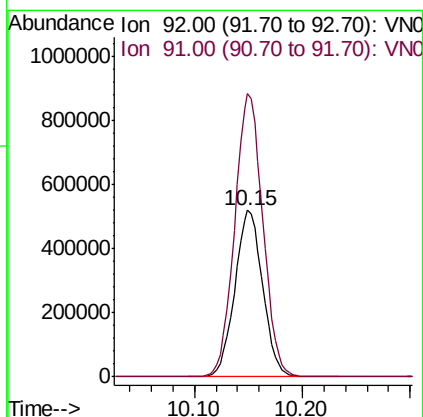
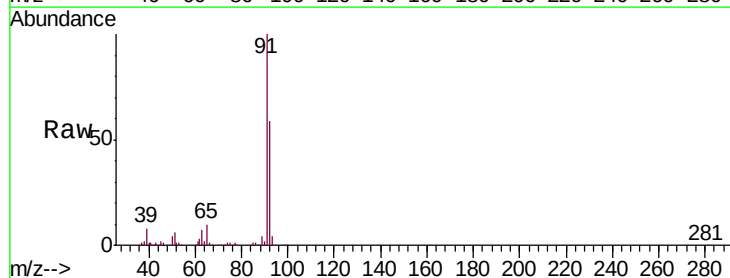
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

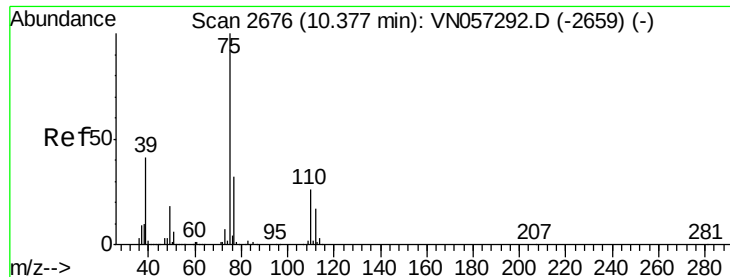
Tgt Ion: 43 Resp: 1856070
 Ion Ratio Lower Upper
 43 100
 58 42.5 33.2 49.8



#52
 Toluene
 Concen: 48.752 ug/l
 RT: 10.15 min Scan# 2605
 Delta R.T. -0.00 min
 Lab File: VN057435.D
 Acq: 20 Aug 2019 6:28

Tgt Ion: 92 Resp: 935728
 Ion Ratio Lower Upper
 92 100
 91 171.6 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 45.590 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

Instrument :

MSVOA_N

ClientSampleId :

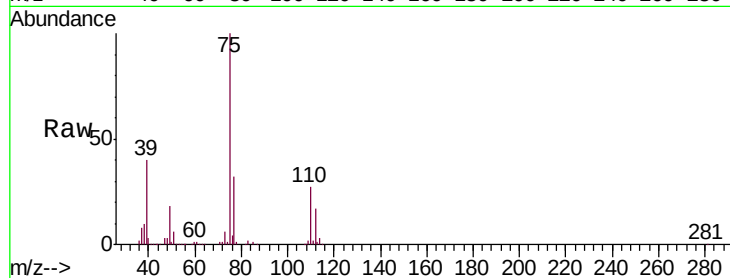
VSTDCCC050EC

Tgt Ion: 75 Resp: 518102

Ion Ratio Lower Upper

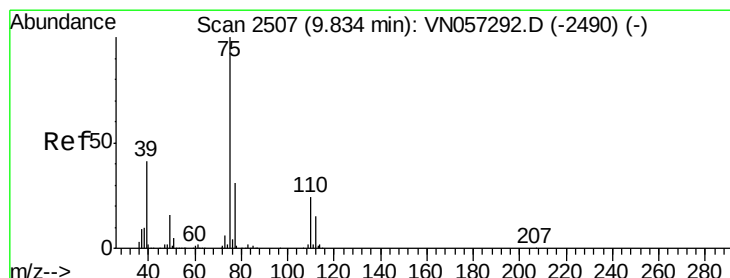
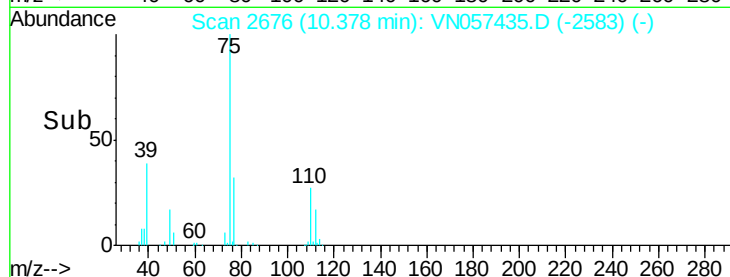
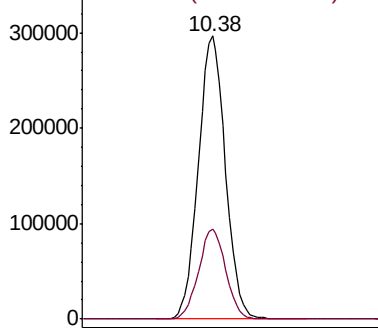
75 100

77 31.8 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 45.734 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

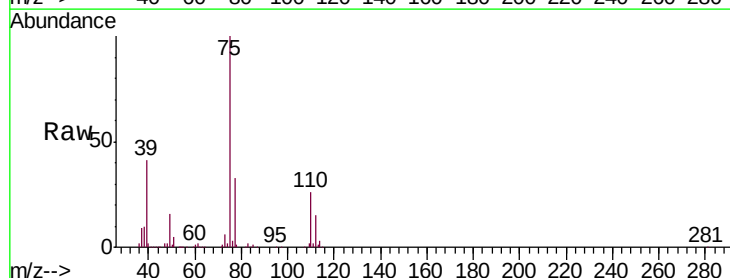
Tgt Ion: 75 Resp: 573119

Ion Ratio Lower Upper

75 100

77 32.6 24.9 37.3

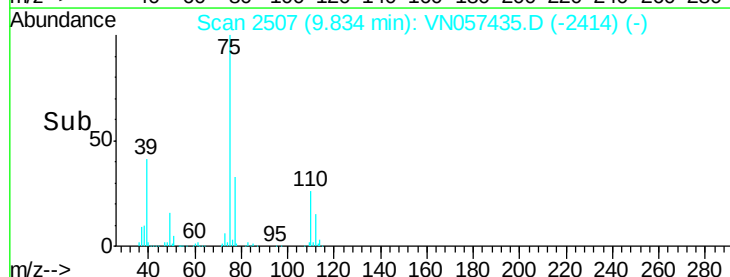
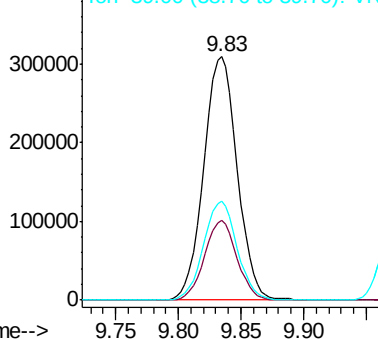
39 40.6 32.7 49.1

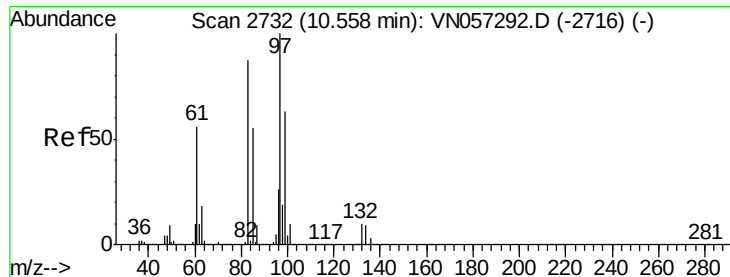


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 48.623 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 366978

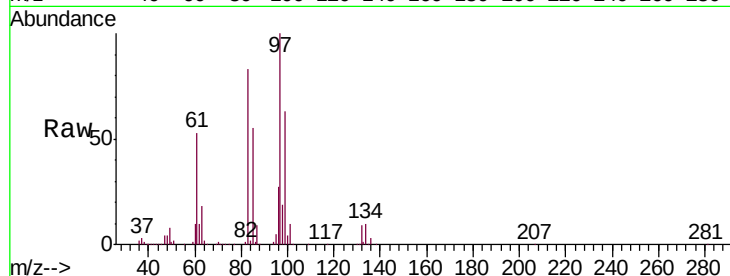
Ion Ratio Lower Upper

97 100

83 82.5 69.8 104.8

85 55.2 44.1 66.1

99 63.1 50.2 75.2

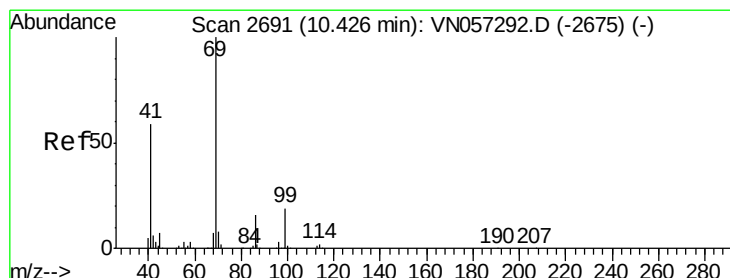
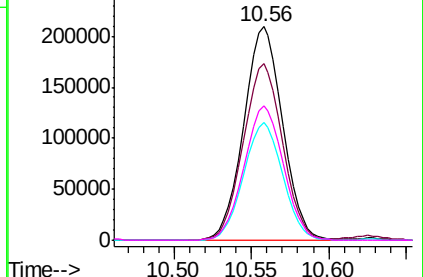
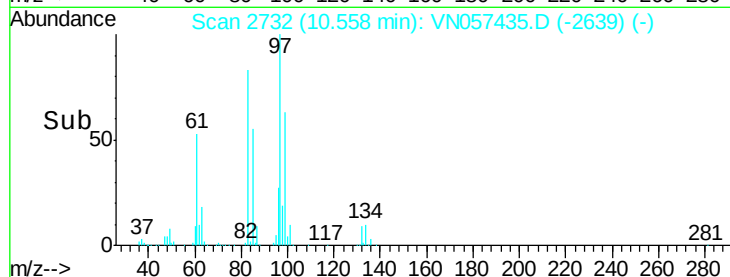


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 48.381 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. -0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

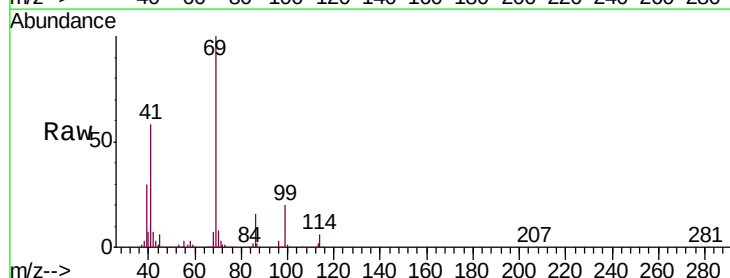
Tgt Ion: 69 Resp: 532884

Ion Ratio Lower Upper

69 100

41 58.3 48.2 72.2

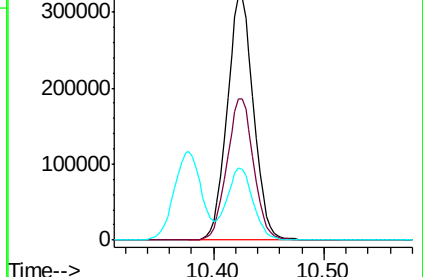
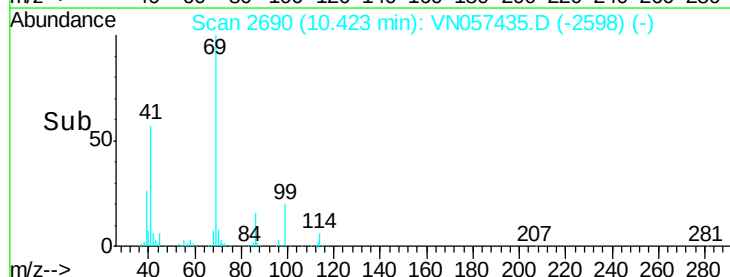
39 29.5 23.4 35.0

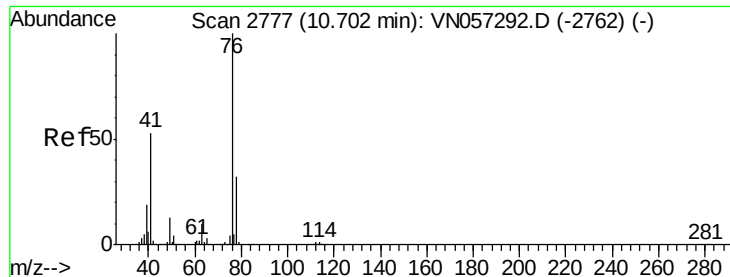


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 47.357 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

Instrument :

MSVOA_N

ClientSampleId :

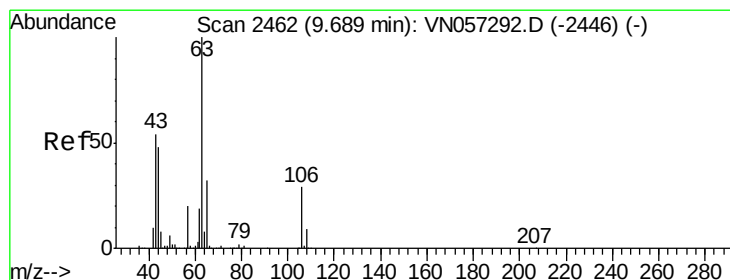
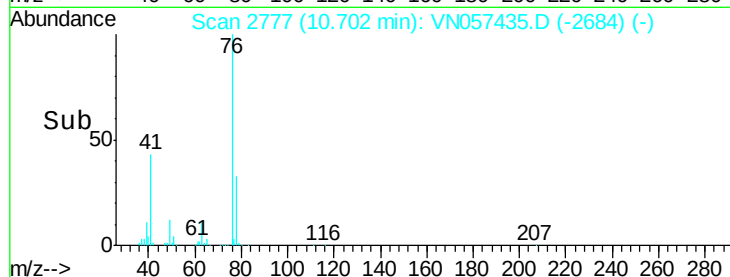
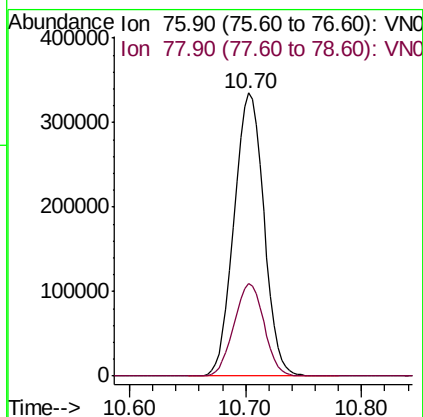
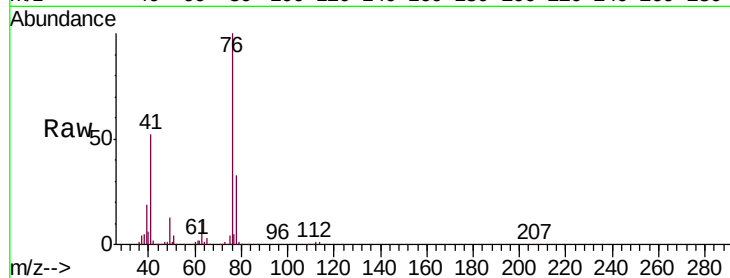
VSTDCCC050EC

Tgt Ion: 76 Resp: 597098

Ion Ratio Lower Upper

76 100

78 32.9 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 194.475 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057435.D

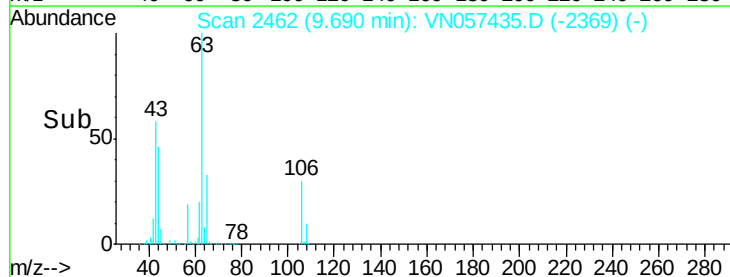
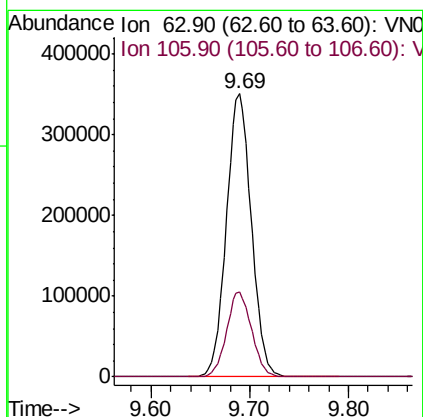
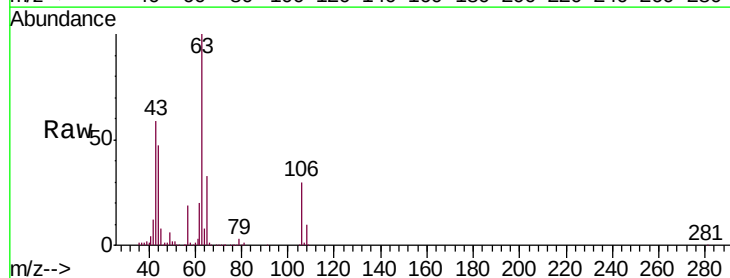
Acq: 20 Aug 2019 6:28

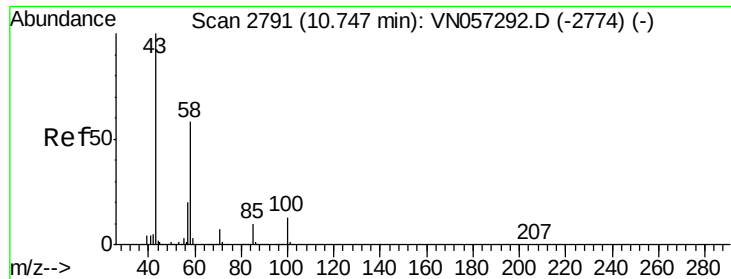
Tgt Ion: 63 Resp: 621937

Ion Ratio Lower Upper

63 100

106 30.1 23.2 34.8

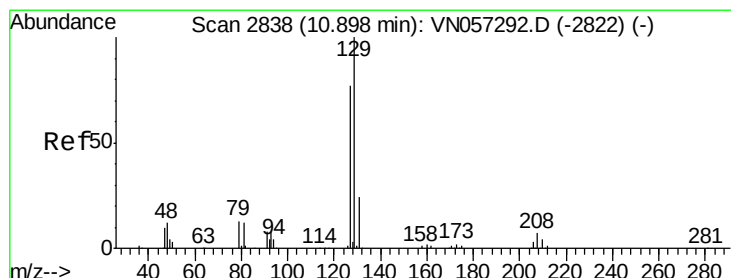
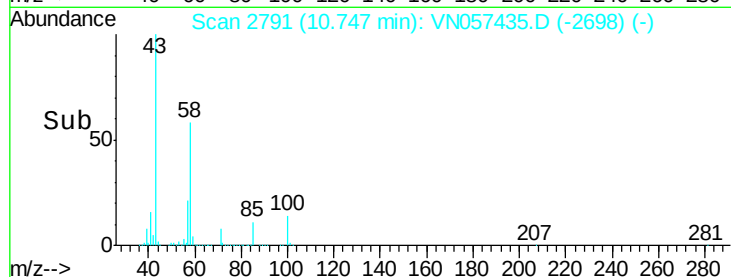
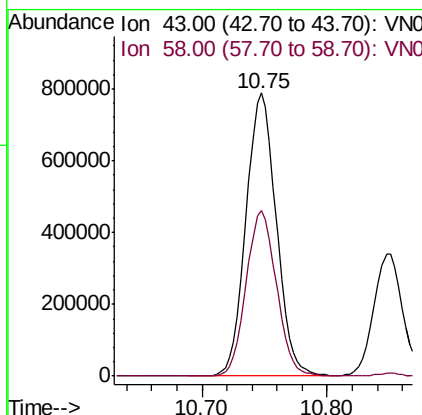
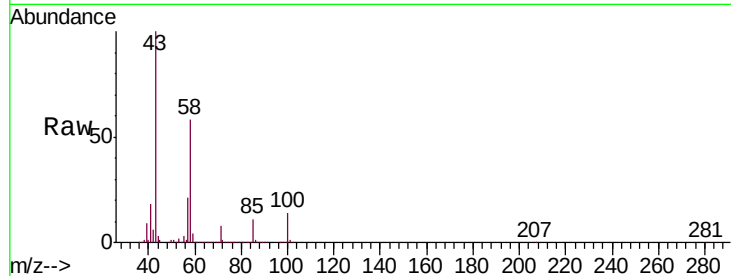




#59
2-Hexanone
Concen: 215.947 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN057435.D
Acq: 20 Aug 2019 6:28

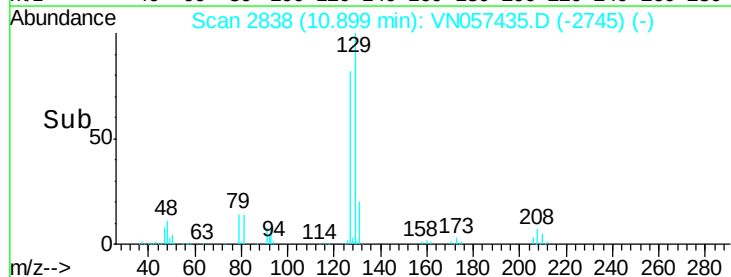
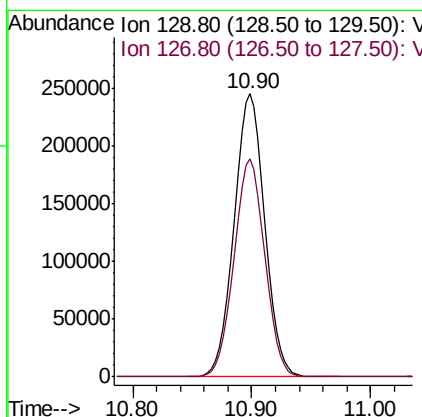
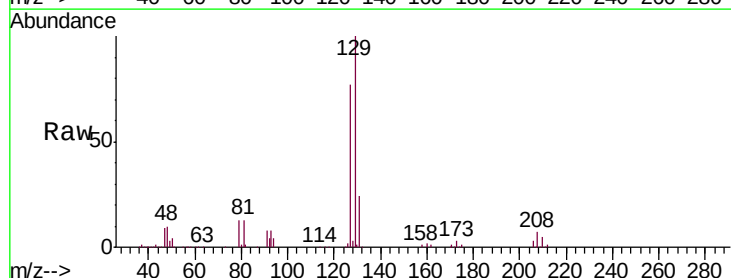
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

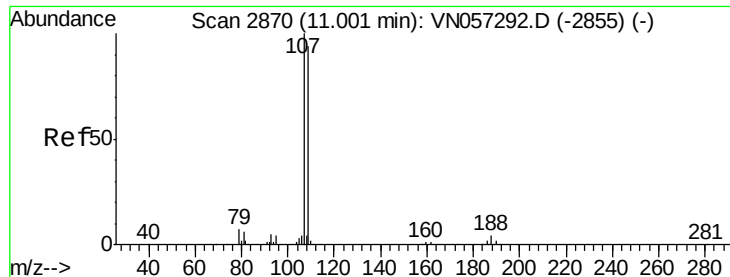
Tgt Ion: 43 Resp: 1322561
Ion Ratio Lower Upper
43 100
58 58.5 28.6 85.9



#60
Dibromochloromethane
Concen: 51.691 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN057435.D
Acq: 20 Aug 2019 6:28

Tgt Ion: 129 Resp: 437196
Ion Ratio Lower Upper
129 100
127 77.4 39.0 116.9

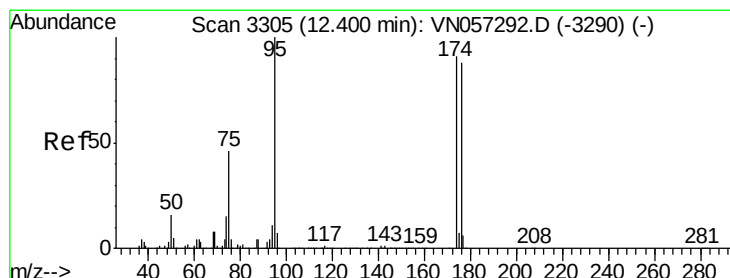
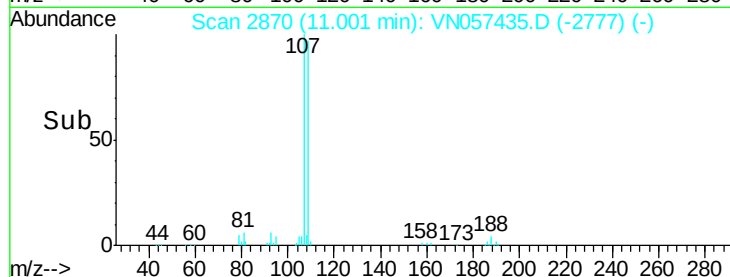
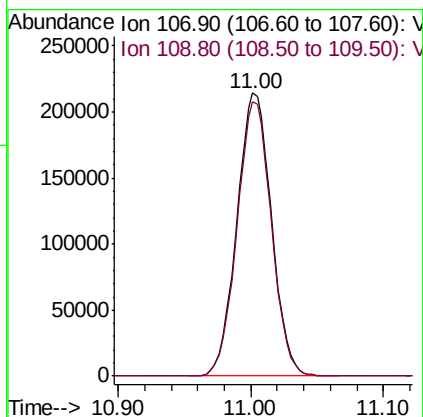
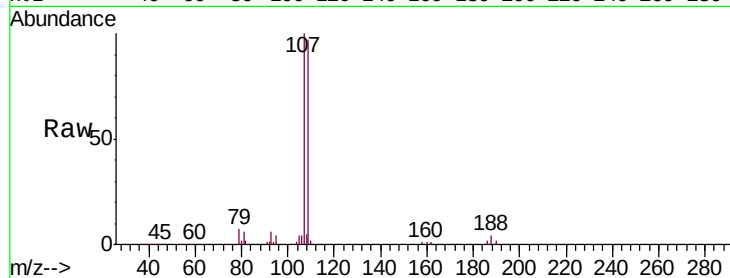




#61
 1,2-Dibromoethane
 Concen: 48.150 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN057435.D
 Acq: 20 Aug 2019 6:28

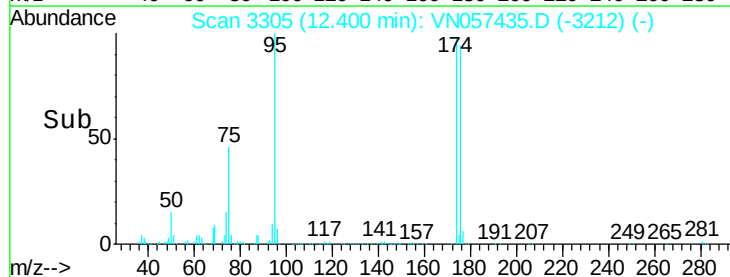
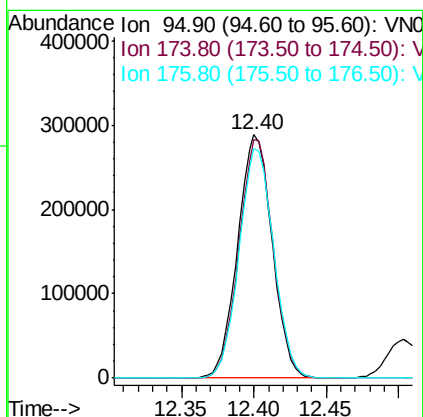
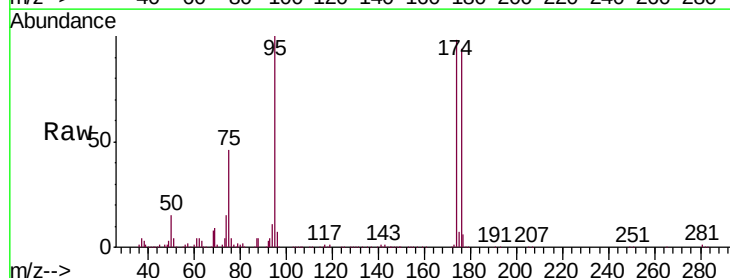
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

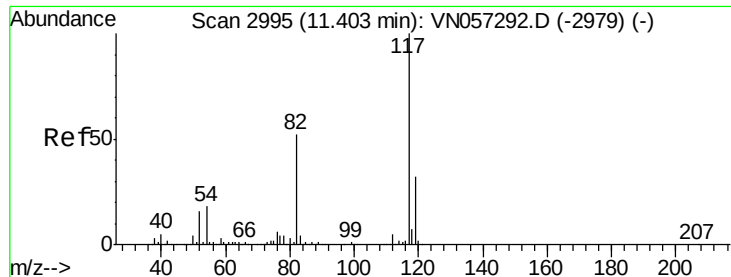
Tgt Ion: 107 Resp: 387121
 Ion Ratio Lower Upper
 107 100
 109 96.2 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 49.320 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN057435.D
 Acq: 20 Aug 2019 6:28

Tgt Ion: 95 Resp: 477171
 Ion Ratio Lower Upper
 95 100
 174 97.3 0.0 185.0
 176 94.7 0.0 181.0

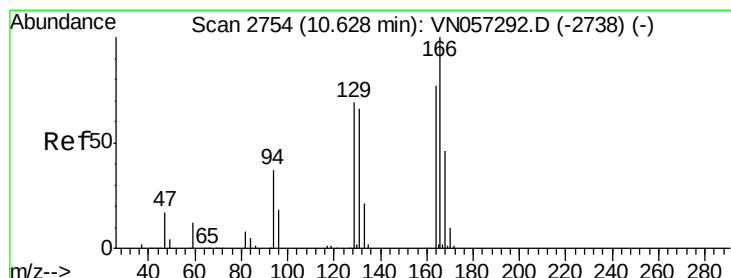
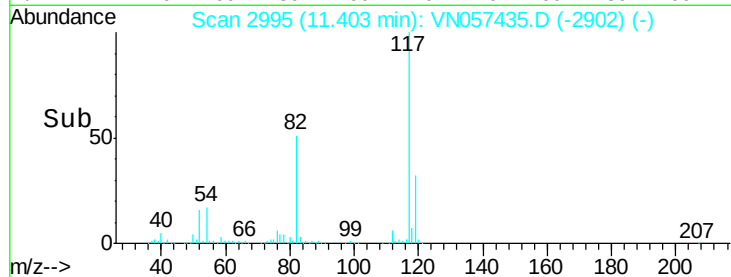
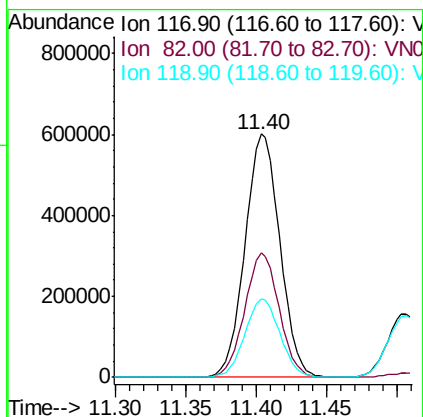
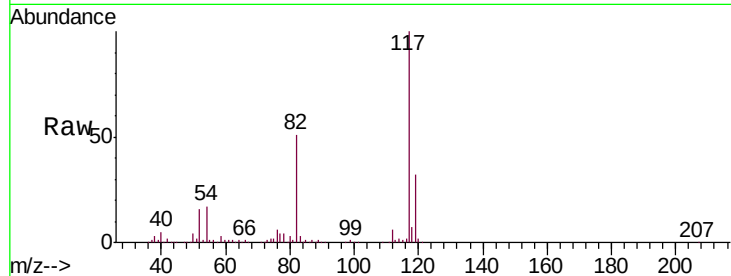




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057435.D
Acq: 20 Aug 2019 6:28

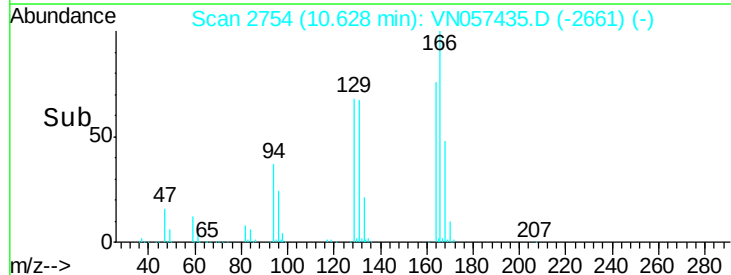
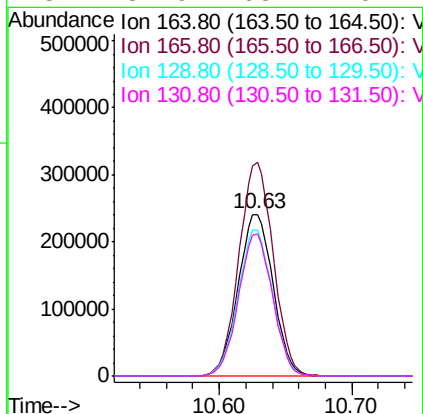
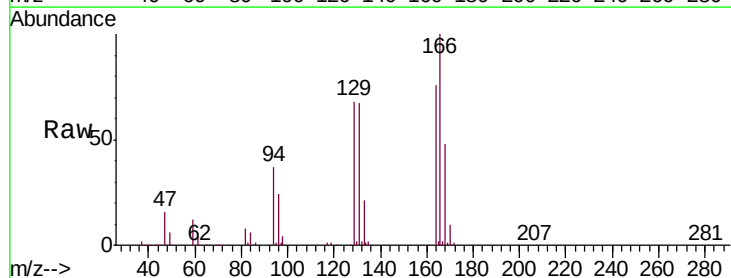
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

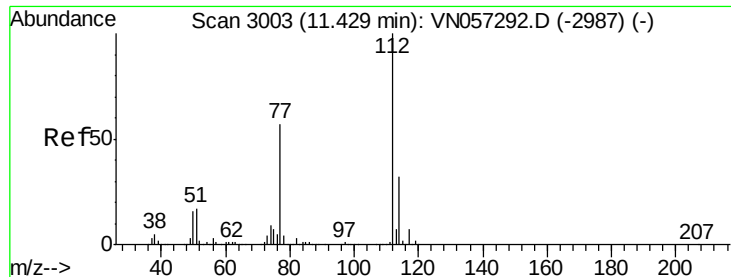
Tgt Ion:117 Resp: 1042584
Ion Ratio Lower Upper
117 100
82 51.0 41.2 61.8
119 32.2 25.8 38.8



#64
Tetrachloroethene
Concen: 48.864 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057435.D
Acq: 20 Aug 2019 6:28

Tgt Ion:164 Resp: 440403
Ion Ratio Lower Upper
164 100
166 132.1 103.5 155.3
129 89.8 71.2 106.8
131 87.9 68.2 102.4

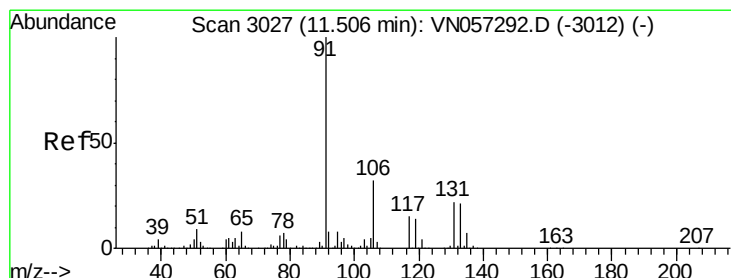
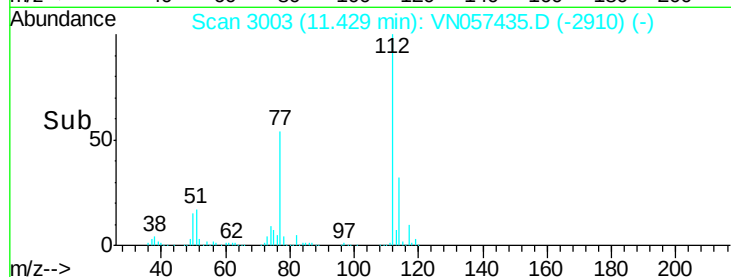
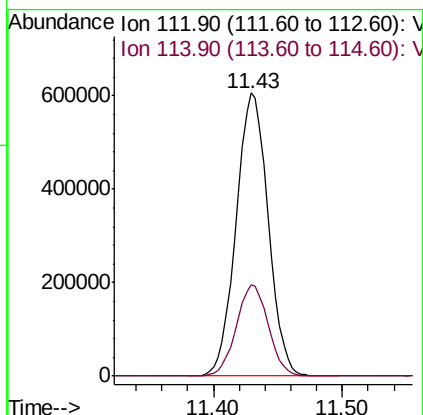
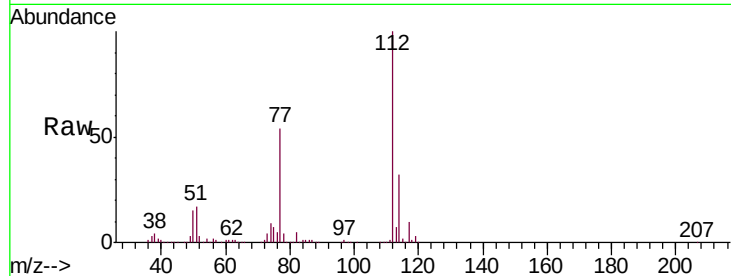




#65
Chlorobenzene
Concen: 49.163 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. 0.00 min
Lab File: VN057435.D
Acq: 20 Aug 2019 6:28

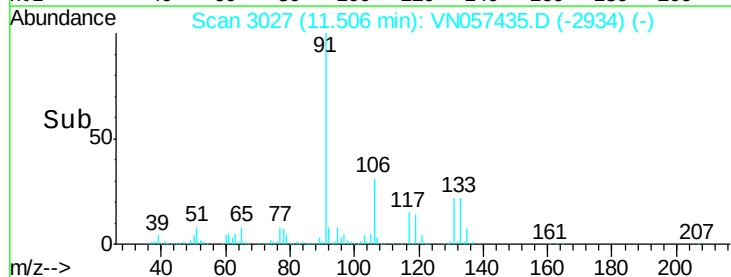
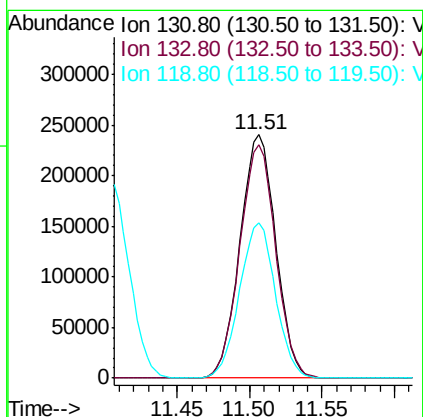
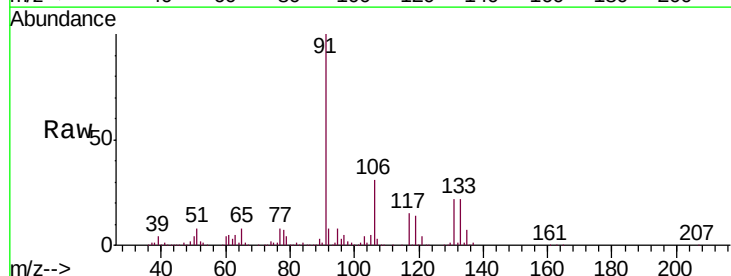
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

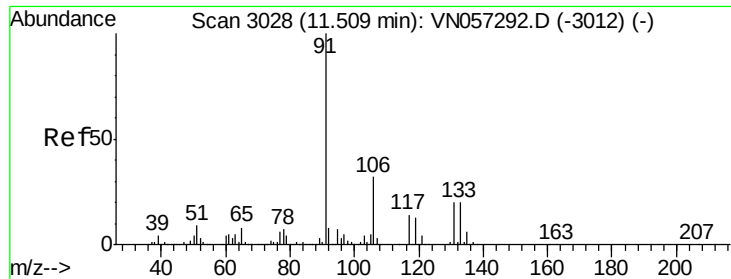
Tgt Ion:112 Resp: 1045396
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.749 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN057435.D
Acq: 20 Aug 2019 6:28

Tgt Ion:131 Resp: 413280
Ion Ratio Lower Upper
131 100
133 96.3 47.6 142.8
119 63.8 32.0 96.2

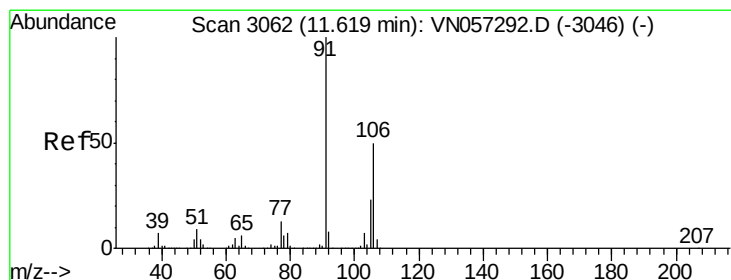
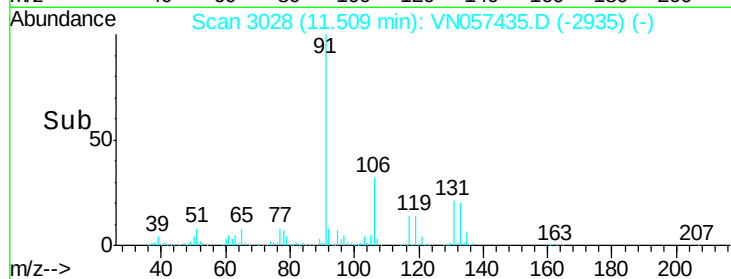
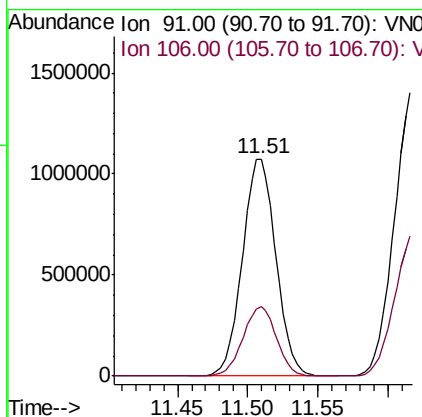
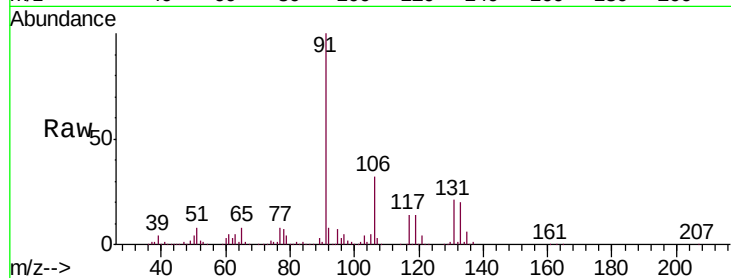




#67
Ethyl Benzene
Concen: 48.052 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057435.D
Acq: 20 Aug 2019 6:28

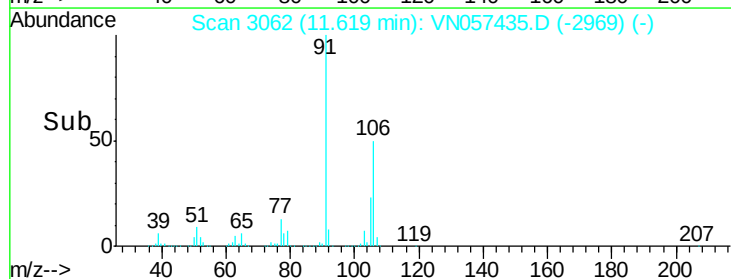
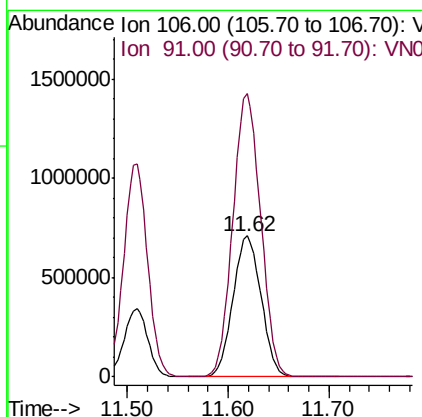
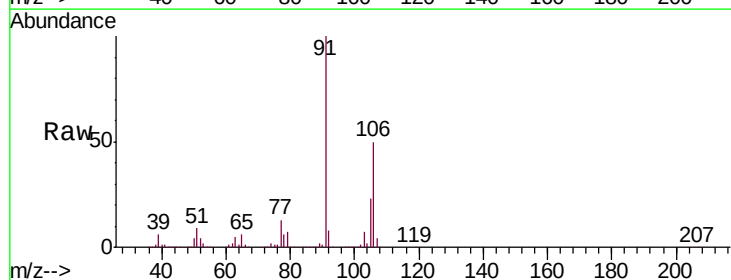
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

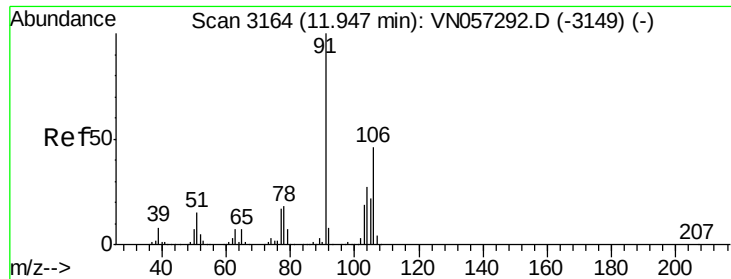
Tgt Ion: 91 Resp: 1787650
Ion Ratio Lower Upper
91 100
106 32.0 25.5 38.3



#68
m/p-Xylenes
Concen: 100.063 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN057435.D
Acq: 20 Aug 2019 6:28

Tgt Ion: 106 Resp: 1371530
Ion Ratio Lower Upper
106 100
91 199.4 161.5 242.3

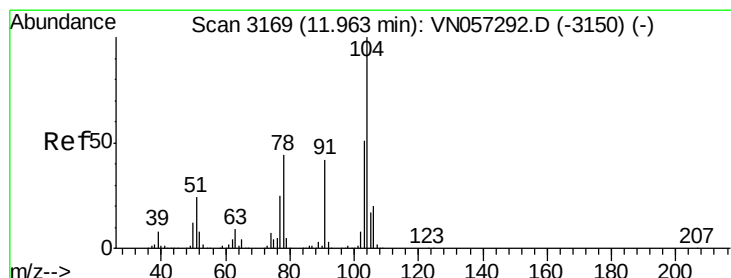
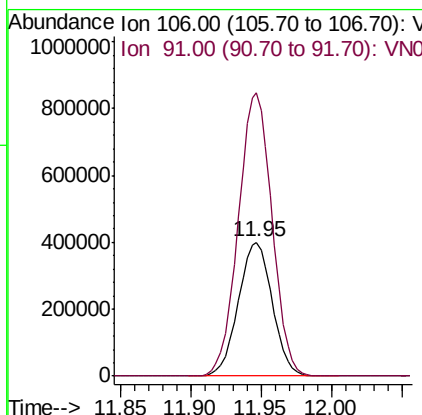
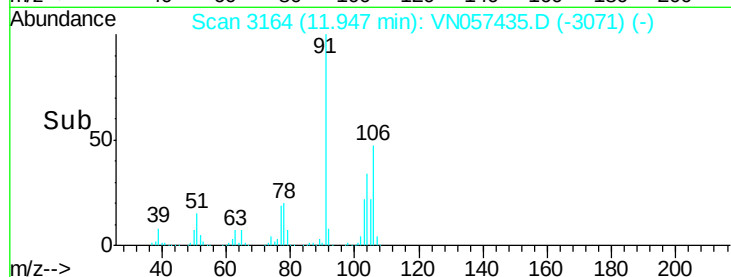
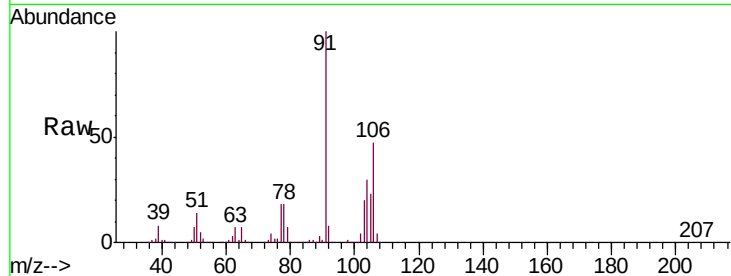




#69
o-Xylene
Concen: 50.087 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057435.D
Acq: 20 Aug 2019 6:28

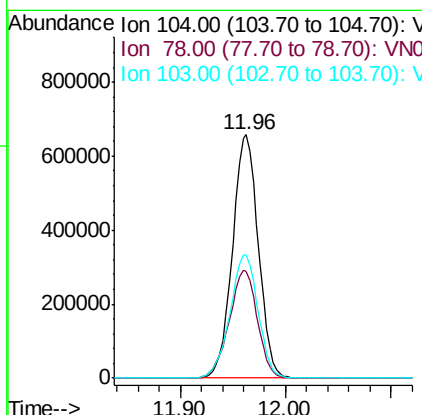
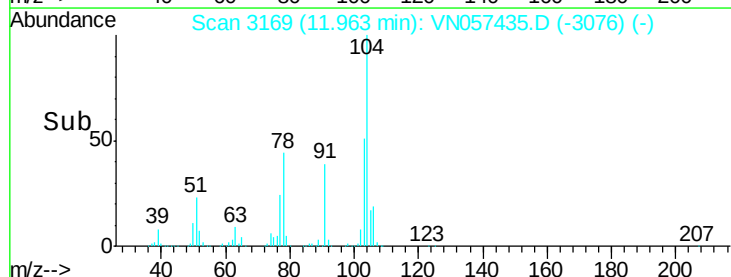
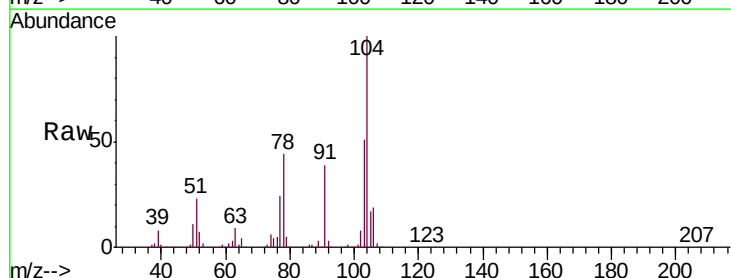
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

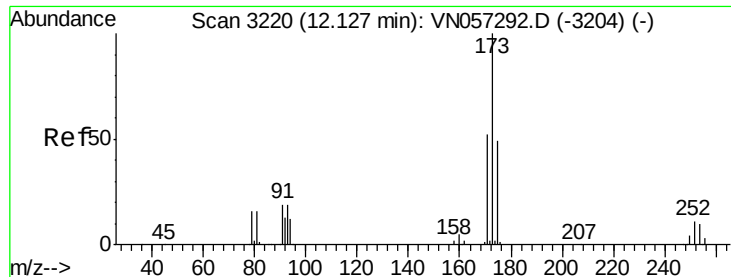
Tgt Ion:106 Resp: 674073
Ion Ratio Lower Upper
106 100
91 210.5 106.3 319.0



#70
Styrene
Concen: 51.791 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057435.D
Acq: 20 Aug 2019 6:28

Tgt Ion:104 Resp: 1111066
Ion Ratio Lower Upper
104 100
78 48.4 39.2 58.8
103 55.2 44.6 66.8





#71

Bromoform

Concen: 52.721 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

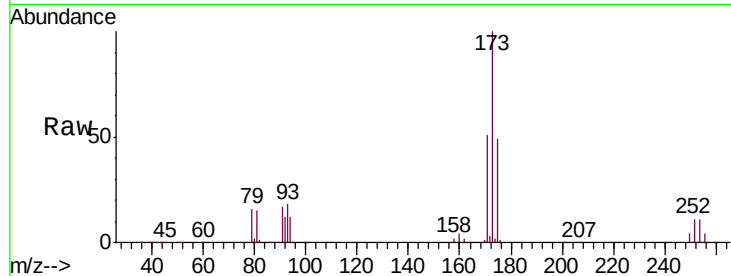
Tgt Ion:173 Resp: 338711

Ion Ratio Lower Upper

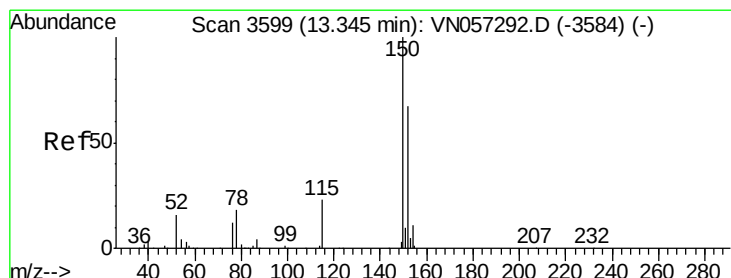
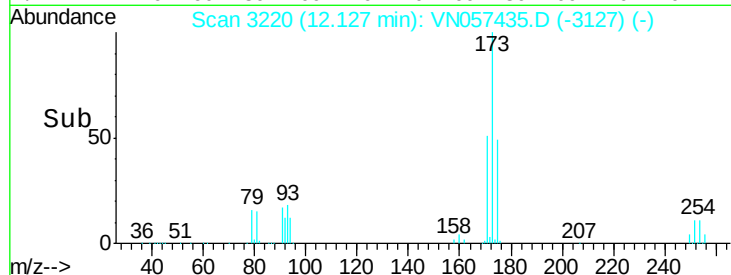
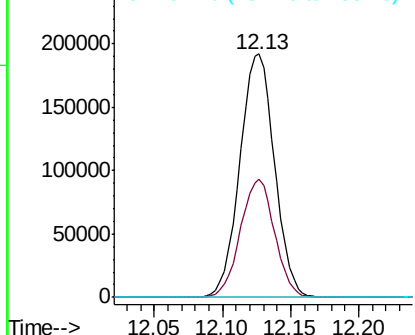
173 100

175 48.0 24.2 72.6

254 0.1 0.2 0.2#



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: VN057435.D

Acq: 20 Aug 2019 6:28

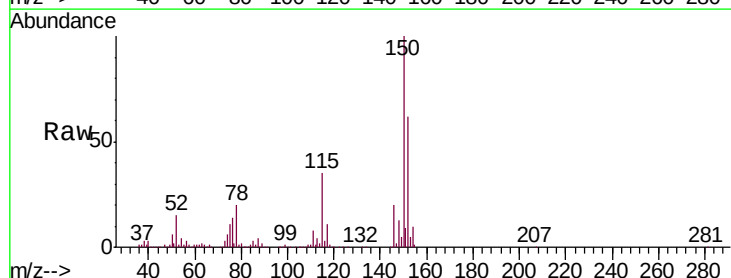
Tgt Ion:152 Resp: 439305

Ion Ratio Lower Upper

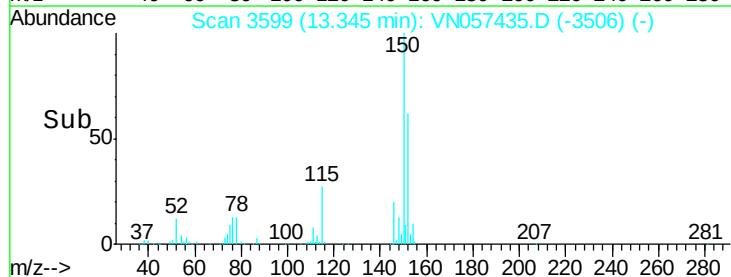
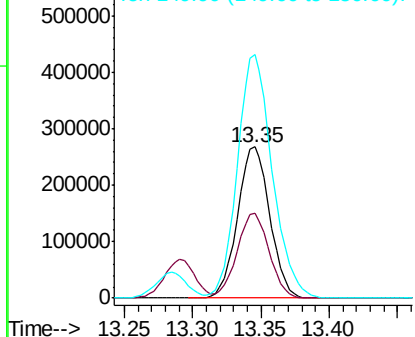
152 100

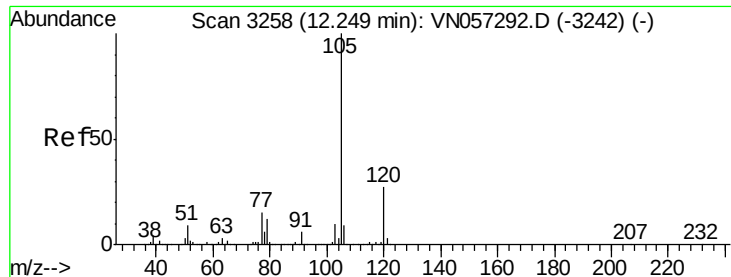
115 55.9 27.3 81.9

150 173.9 0.0 344.4



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





#73

Isopropylbenzene

Concen: 51.478 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

Instrument :

MSVOA_N

ClientSampleId :

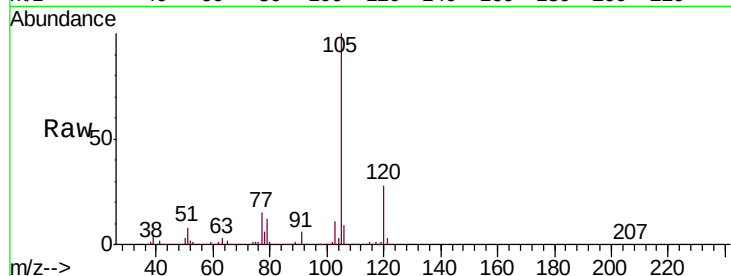
VSTDCCC050EC

Tgt Ion: 105 Resp: 1794864

Ion Ratio Lower Upper

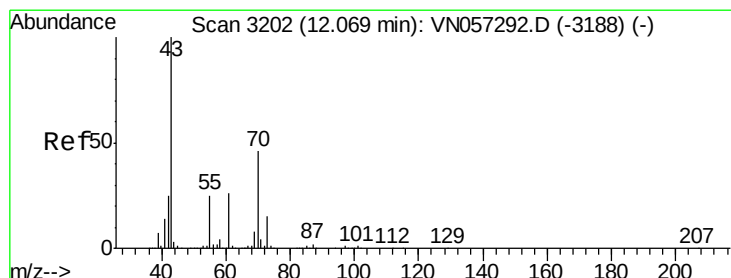
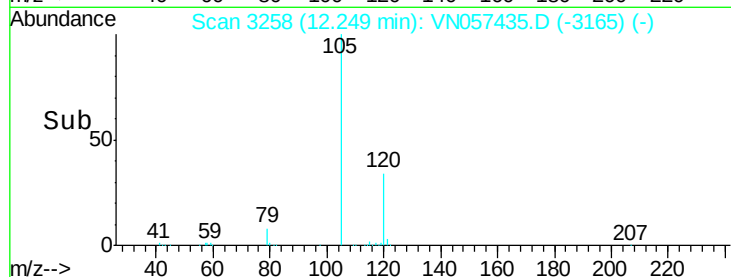
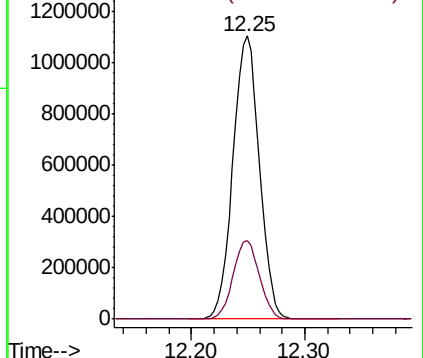
105 100

120 27.6 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 39.707 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

Tgt Ion: 43 Resp: 506177

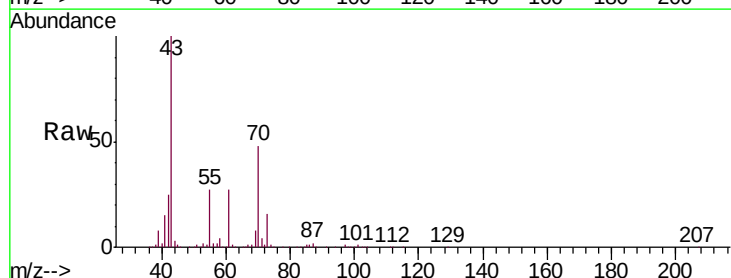
Ion Ratio Lower Upper

43 100

70 48.0 36.2 54.2

55 26.5 20.1 30.1

61 27.1 20.9 31.3

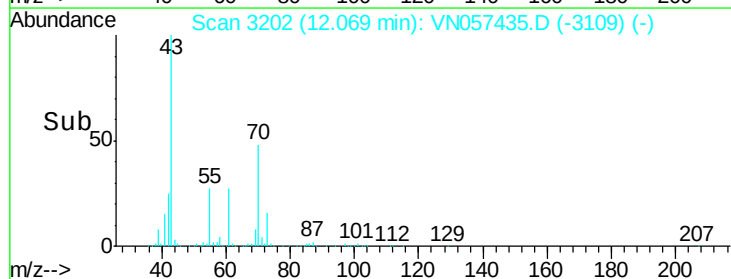
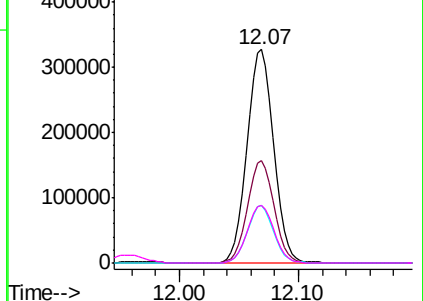


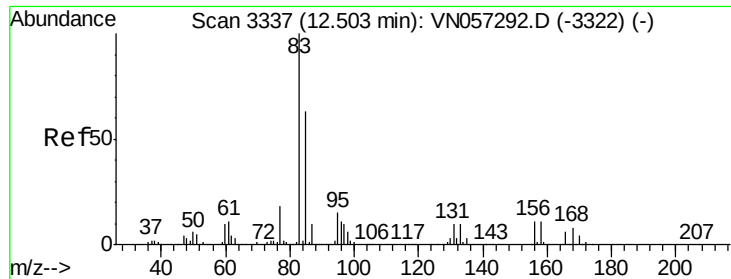
Abundance Ion 43.00 (42.70 to 43.70): V

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: 49.579 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

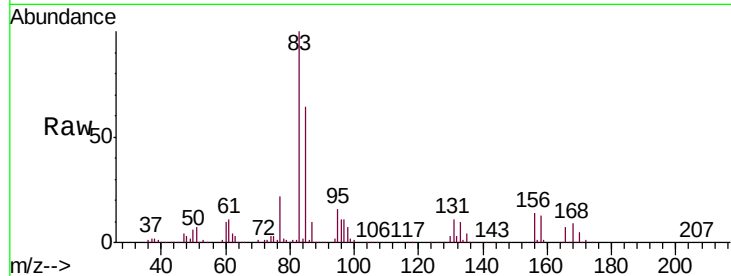
Tgt Ion: 83 Resp: 484503

Ion Ratio Lower Upper

83 100

131 11.2 5.4 16.2

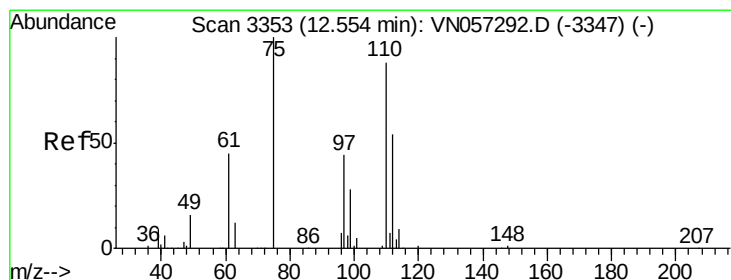
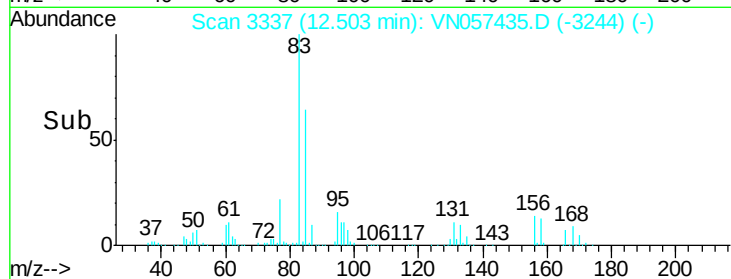
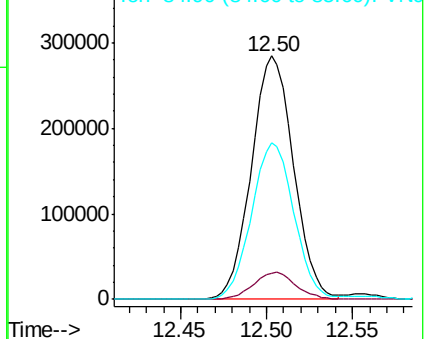
85 64.5 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN057292.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN057292.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN057292.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 69.527 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN057435.D

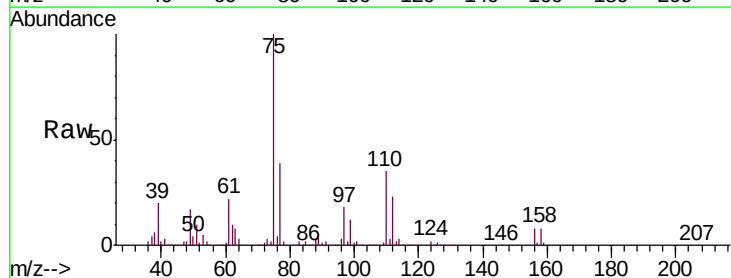
Acq: 20 Aug 2019 6:28

Tgt Ion: 75 Resp: 595187

Ion Ratio Lower Upper

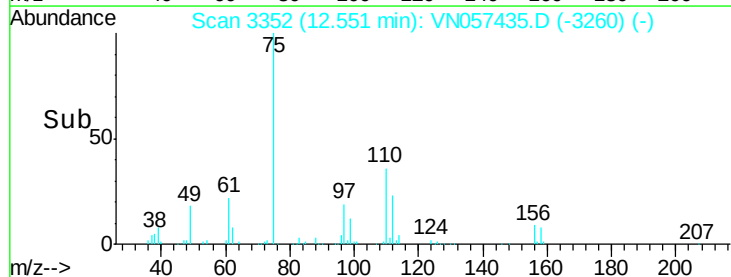
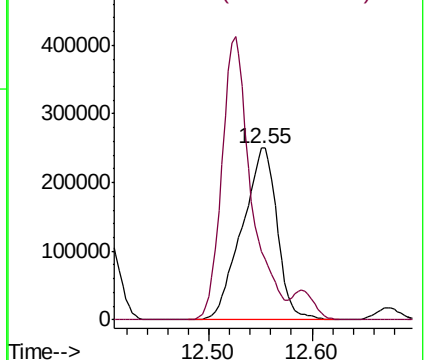
75 100

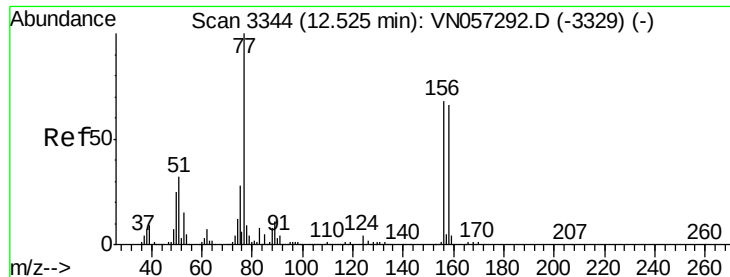
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN057292.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN057292.D (-3347) (-)





#77

Bromobenzene

Concen: 52.678 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

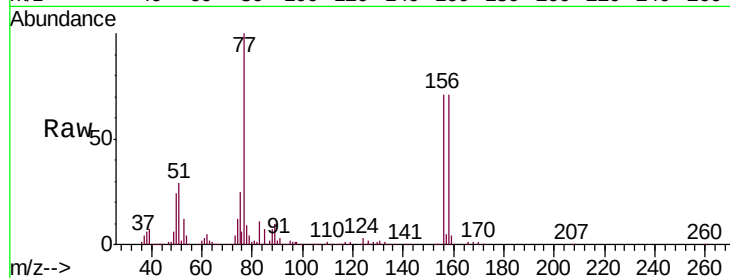
Tgt Ion:156 Resp: 494938

Ion Ratio Lower Upper

156 100

77 166.5 89.8 269.6

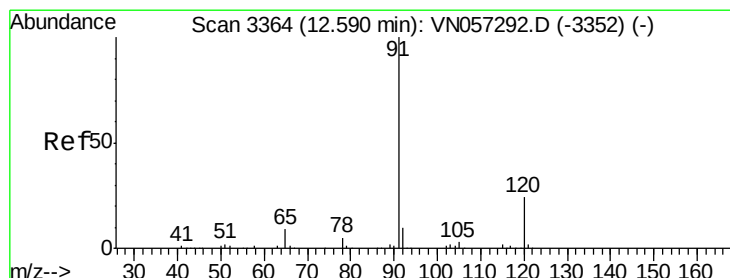
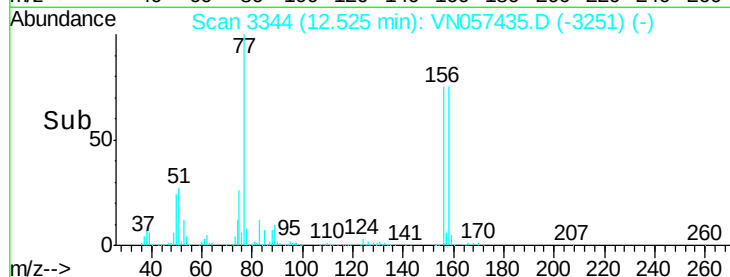
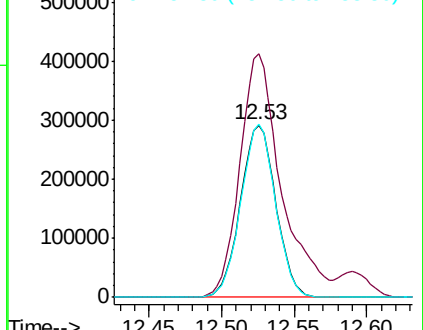
158 98.2 49.3 147.8



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: 44.328 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN057435.D

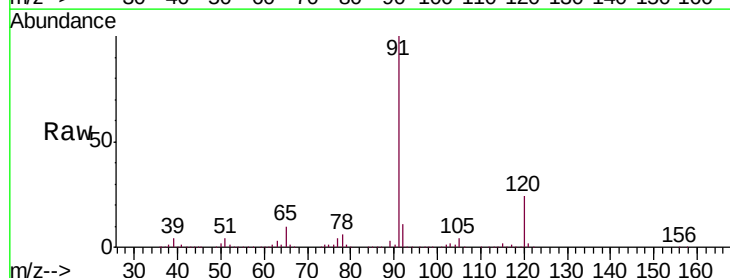
Acq: 20 Aug 2019 6:28

Tgt Ion: 91 Resp: 1875262

Ion Ratio Lower Upper

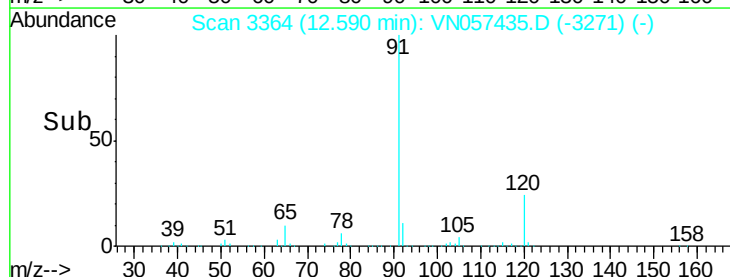
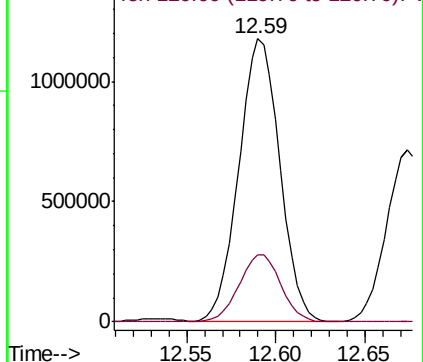
91 100

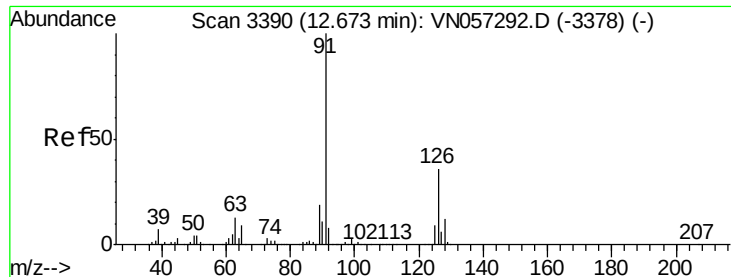
120 24.2 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.787 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

Instrument :

MSVOA_N

ClientSampleId :

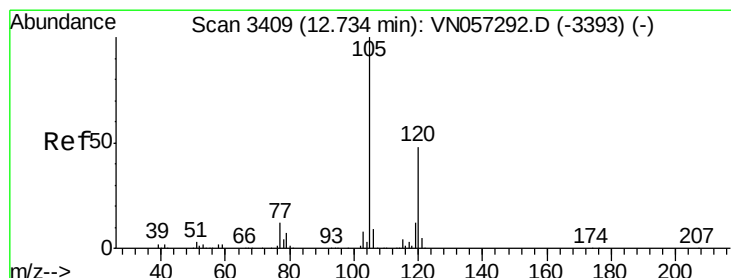
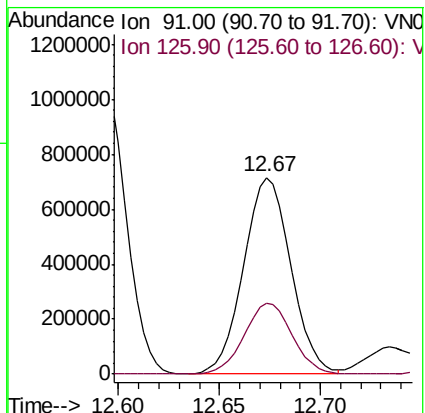
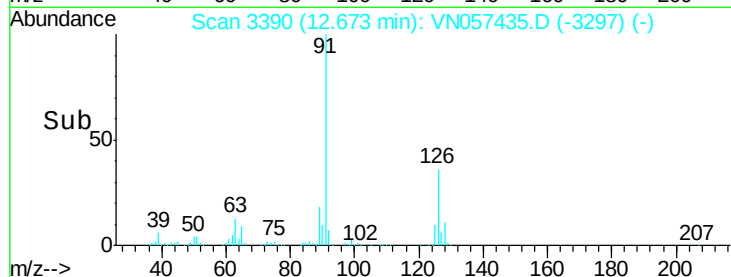
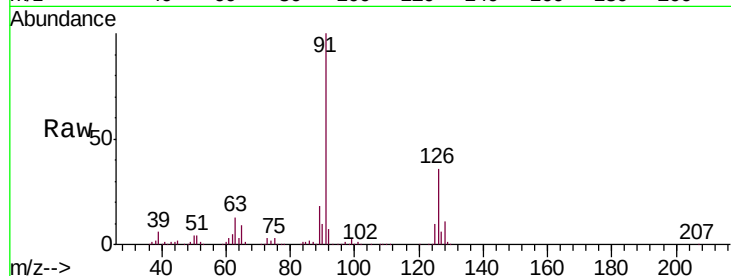
VSTDCCC050EC

Tgt Ion: 91 Resp: 1173750

Ion Ratio Lower Upper

91 100

126 36.6 18.1 54.1



#80

1,3,5-Trimethylbenzene

Concen: 50.850 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057435.D

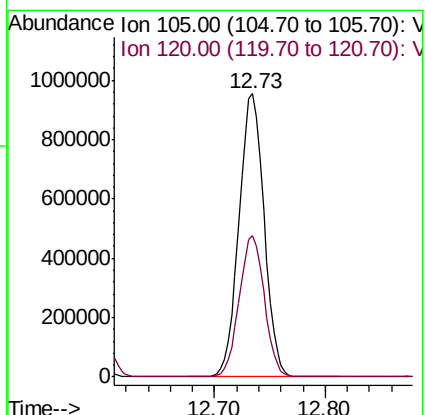
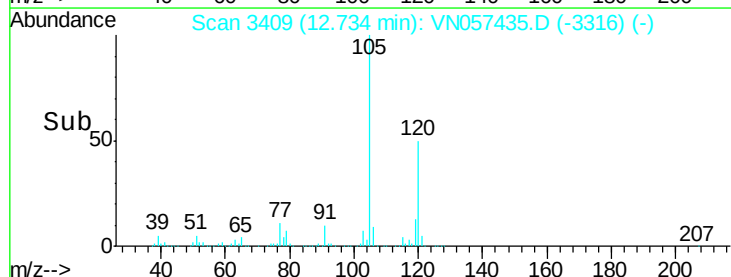
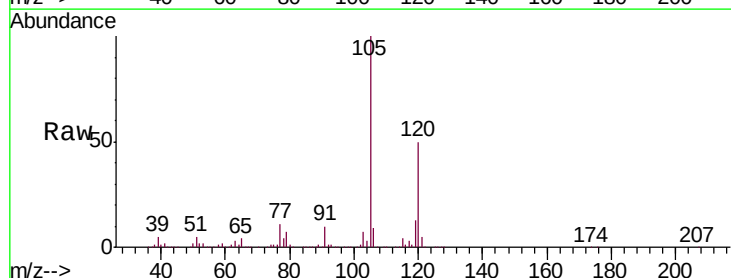
Acq: 20 Aug 2019 6:28

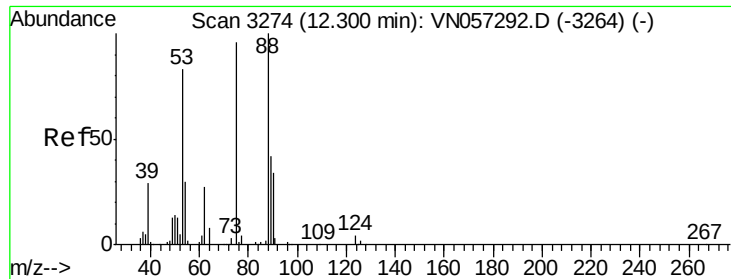
Tgt Ion: 105 Resp: 1503989

Ion Ratio Lower Upper

105 100

120 50.0 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 38.123 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

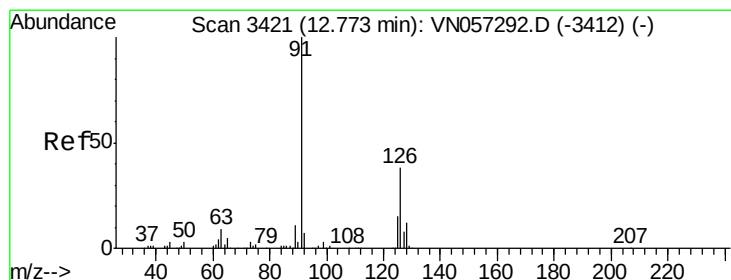
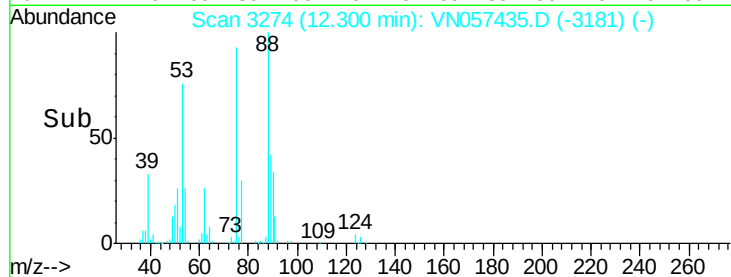
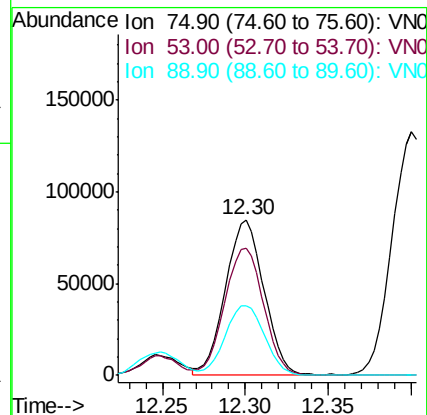
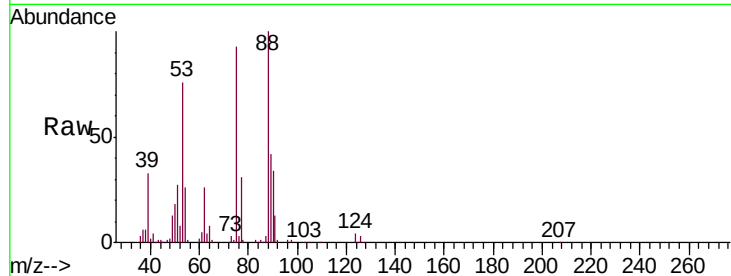
Tgt Ion: 75 Resp: 137347

Ion Ratio Lower Upper

75 100

53 82.9 67.9 101.9

89 46.0 36.2 54.4



#82

4-Chlorotoluene

Concen: 44.809 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN057435.D

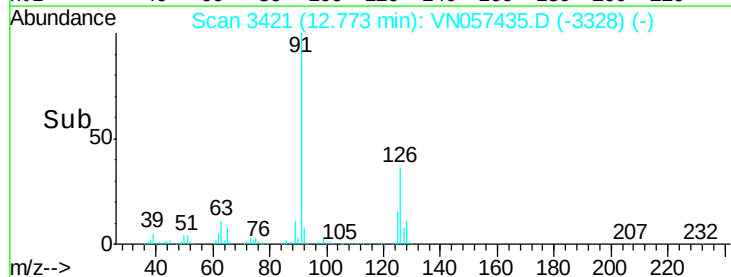
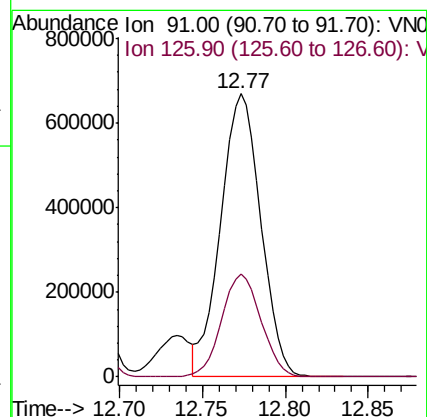
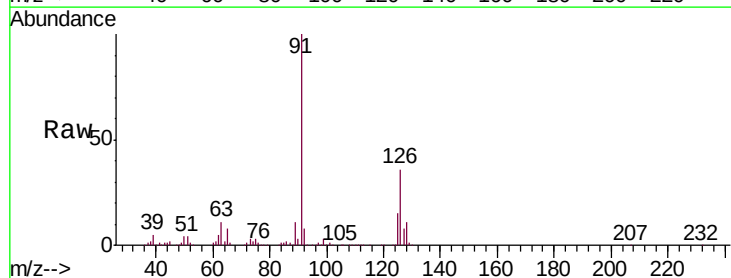
Acq: 20 Aug 2019 6:28

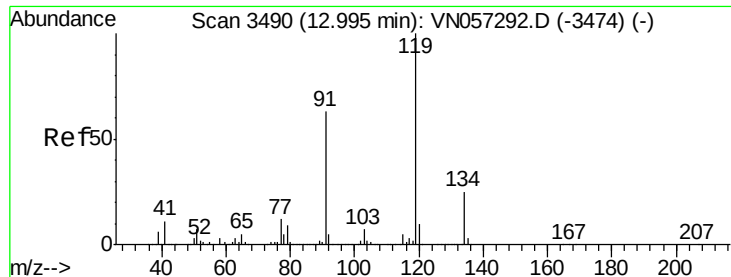
Tgt Ion: 91 Resp: 1123298

Ion Ratio Lower Upper

91 100

126 35.7 17.3 51.7

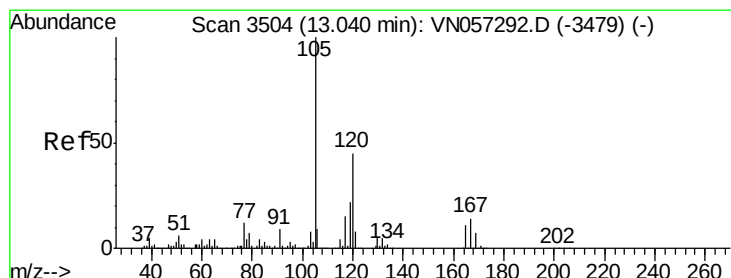
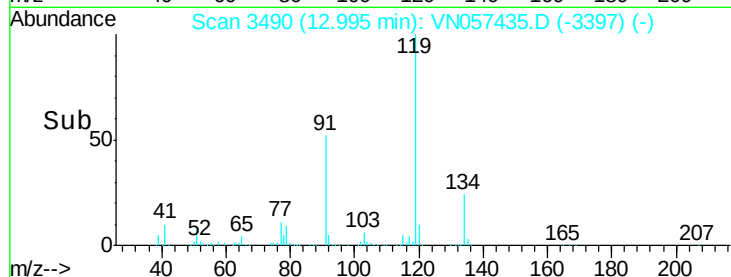
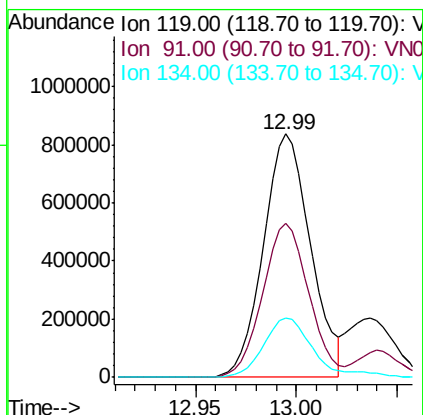
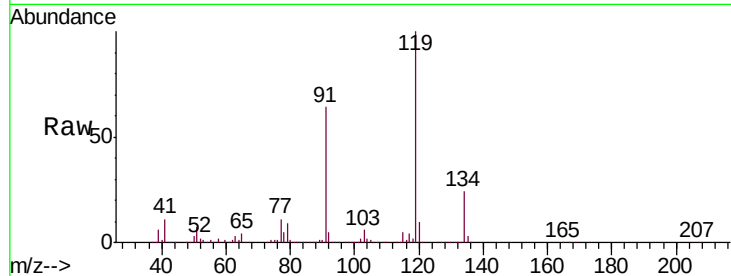




#83
 tert-Butylbenzene
 Concen: 52.498 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN057435.D
 Acq: 20 Aug 2019 6:28

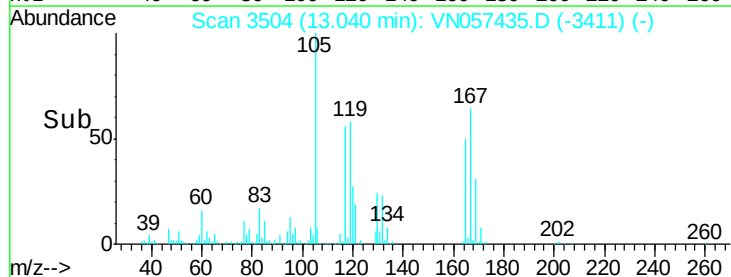
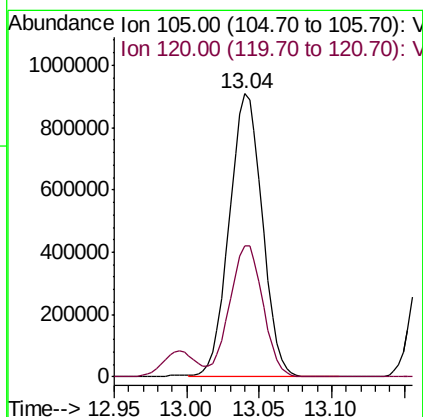
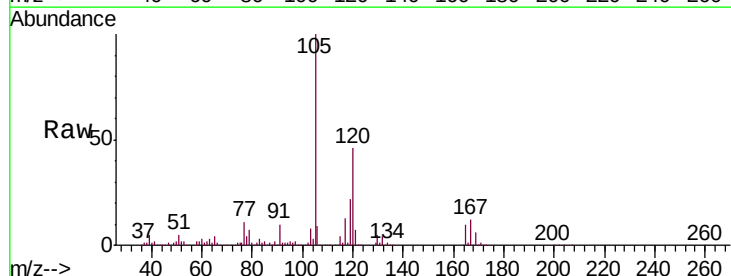
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

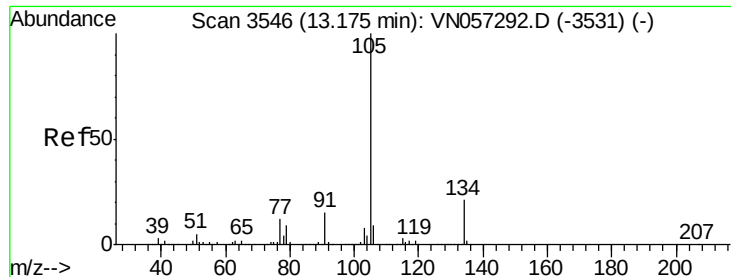
Tgt Ion:119 Resp: 1360261
 Ion Ratio Lower Upper
 119 100
 91 62.1 31.3 93.8
 134 25.9 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 45.427 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN057435.D
 Acq: 20 Aug 2019 6:28

Tgt Ion:105 Resp: 1437391
 Ion Ratio Lower Upper
 105 100
 120 46.6 22.6 67.7





#85

sec-Butylbenzene

Concen: 49.665 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

Instrument :

MSVOA_N

ClientSampleId :

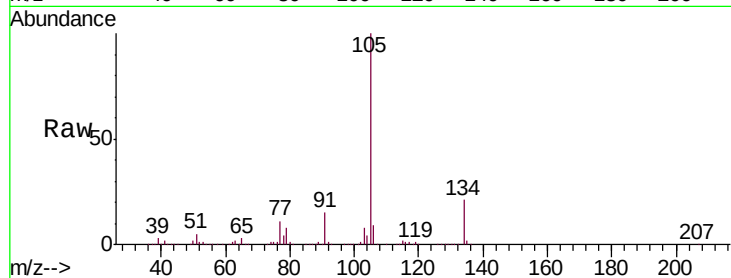
VSTDCCC050EC

Tgt Ion:105 Resp: 1650914

Ion Ratio Lower Upper

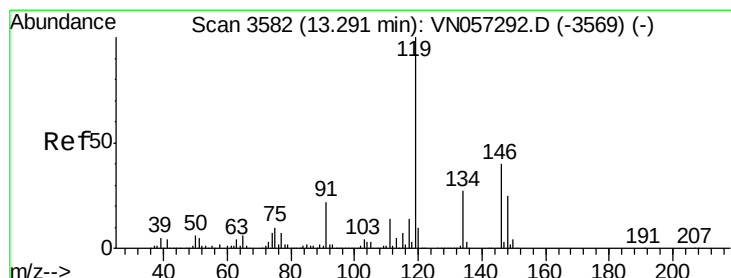
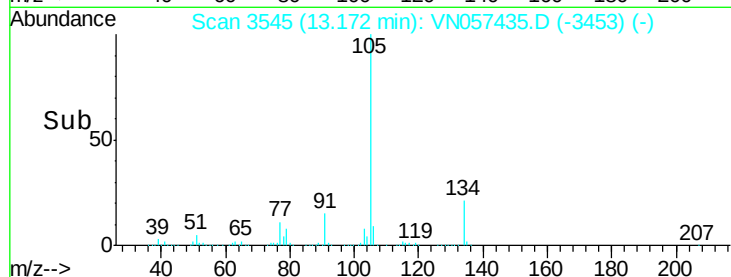
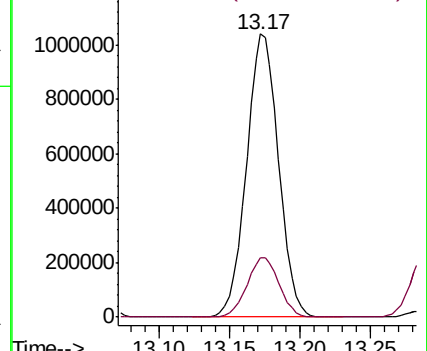
105 100

134 21.1 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 45.530 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

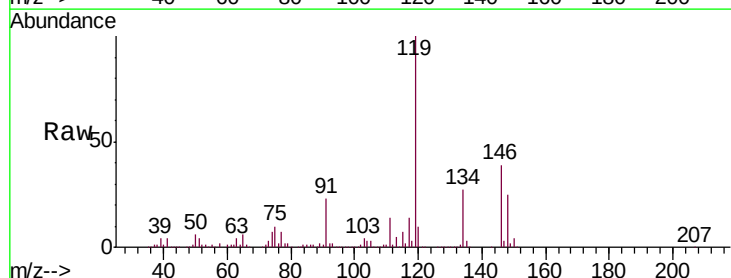
Tgt Ion:119 Resp: 1474949

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.2

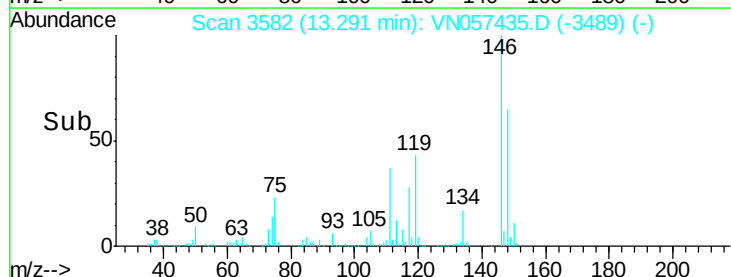
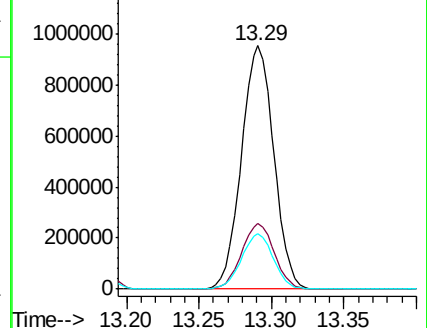
91 22.4 11.2 33.5

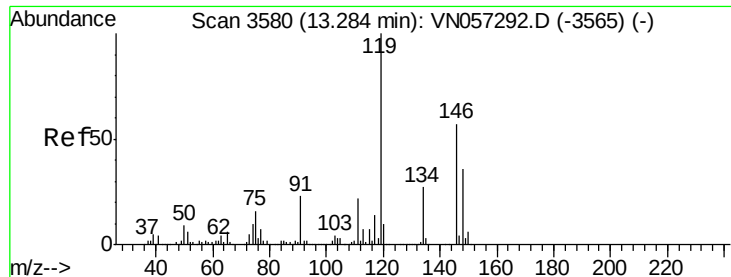


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.691 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

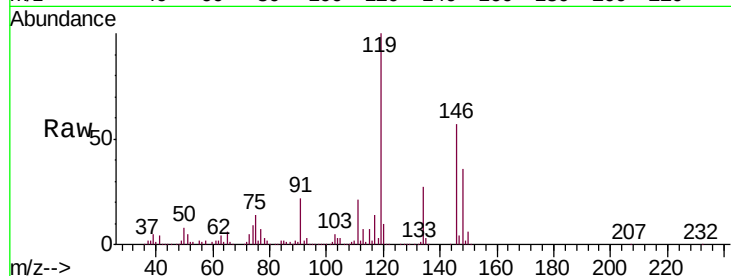
Tgt Ion:146 Resp: 734058

Ion Ratio Lower Upper

146 100

111 37.1 18.7 56.1

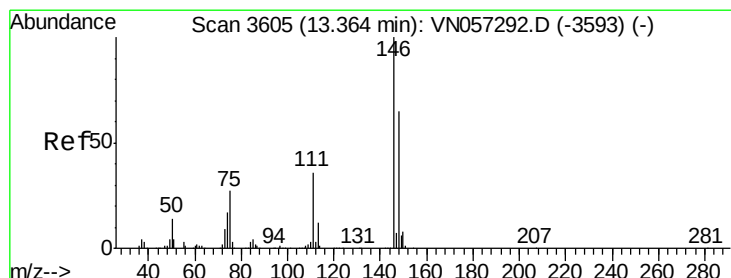
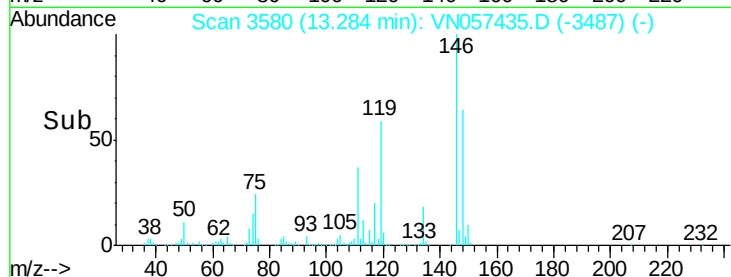
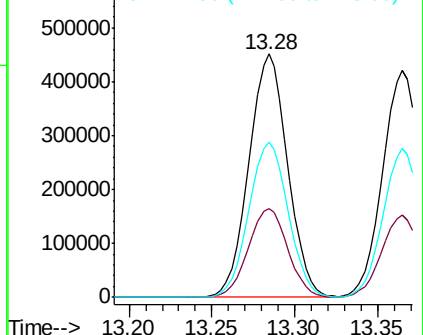
148 65.0 31.7 95.1



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



#88

1,4-Dichlorobenzene

Concen: 46.691 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

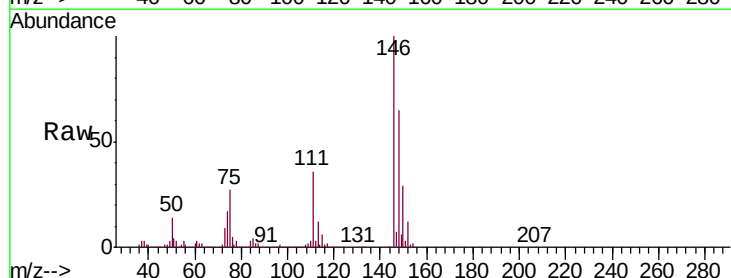
Tgt Ion:146 Resp: 682206

Ion Ratio Lower Upper

146 100

111 36.8 18.4 55.4

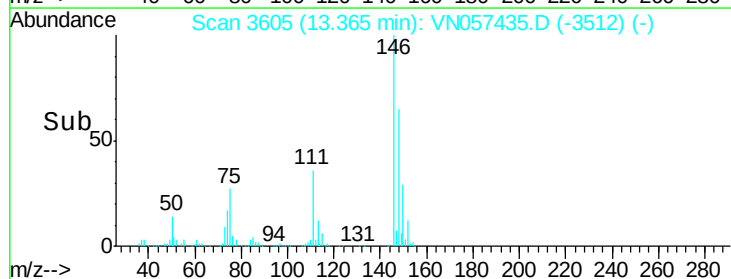
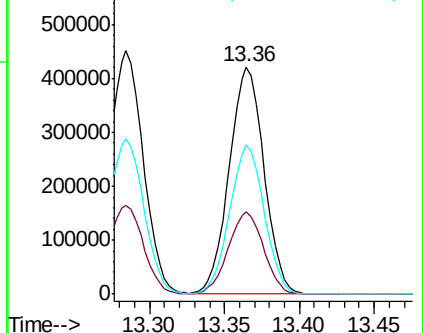
148 65.2 32.5 97.4

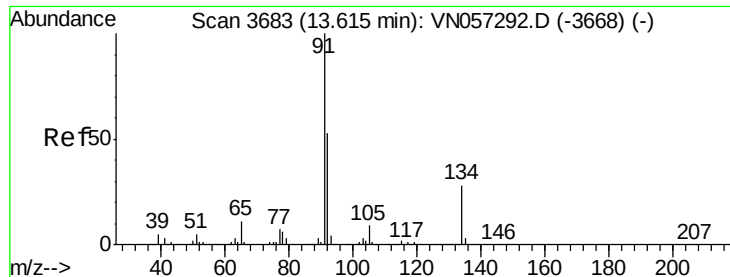


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 47.413 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN057435.D

Acq: 20 Aug 2019 6:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

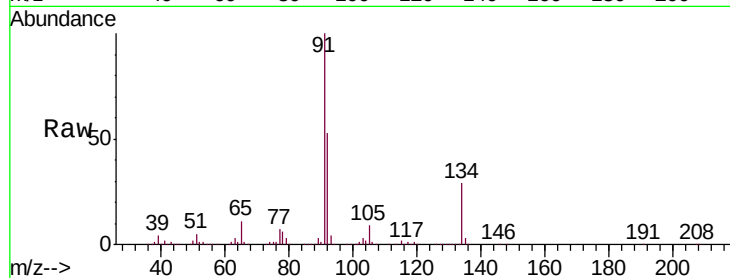
Tgt Ion: 91 Resp: 1094987

Ion Ratio Lower Upper

91 100

92 52.4 26.2 78.6

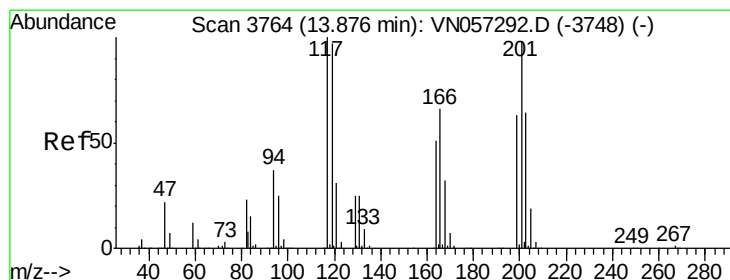
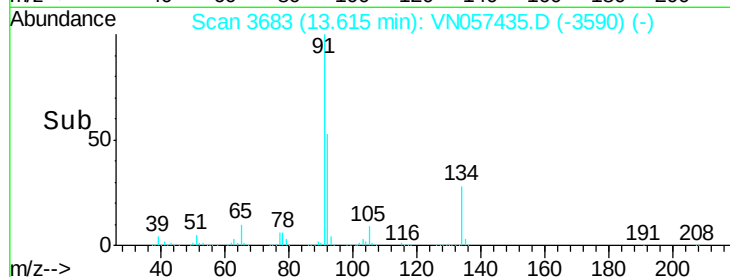
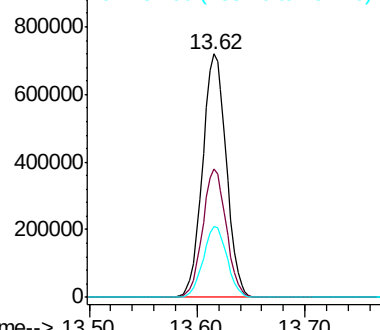
134 29.1 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): VN0



#90

Hexachloroethane

Concen: 52.421 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN057435.D

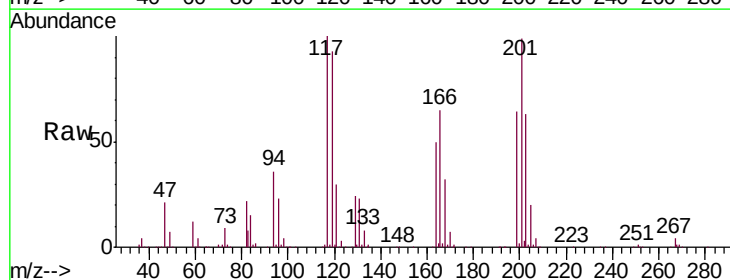
Acq: 20 Aug 2019 6:28

Tgt Ion: 117 Resp: 288205

Ion Ratio Lower Upper

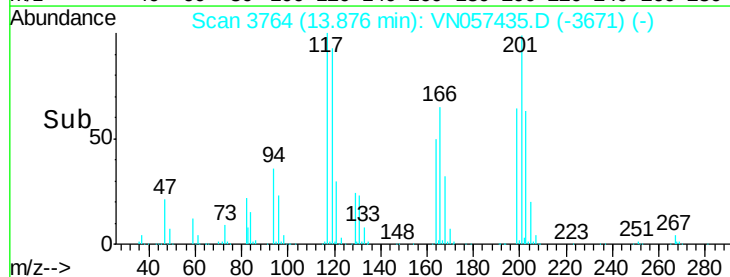
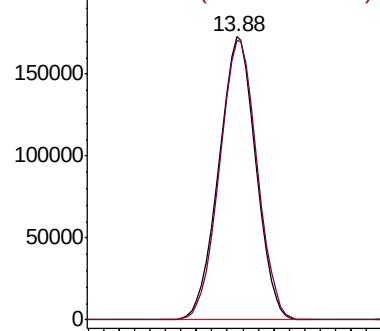
117 100

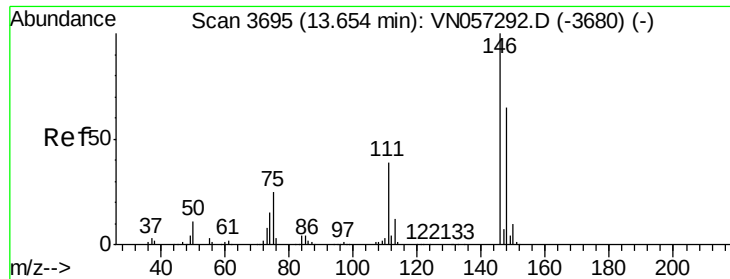
201 100.0 48.4 145.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

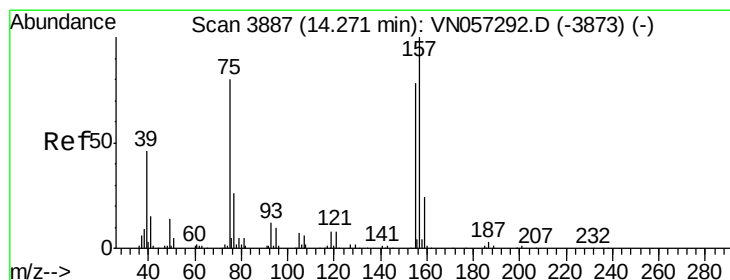
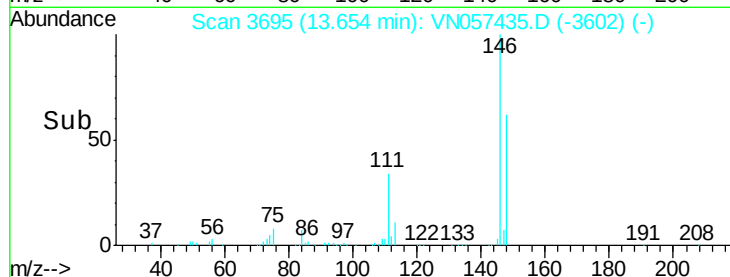
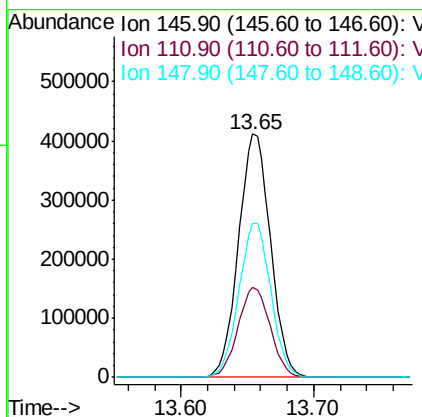
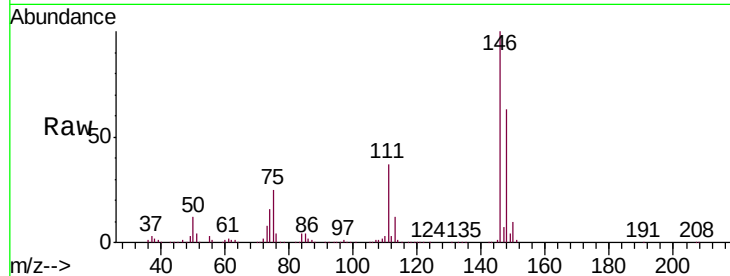




#91
 1,2-Dichlorobenzene
 Concen: 48.066 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN057435.D
 Acq: 20 Aug 2019 6:28

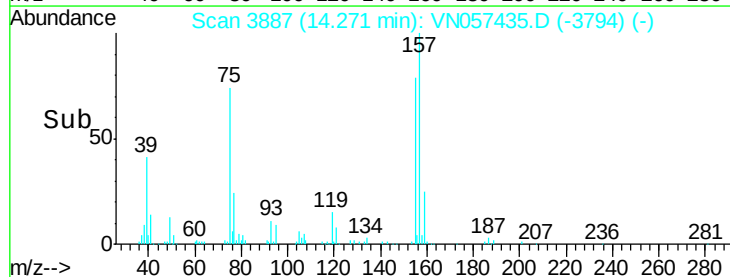
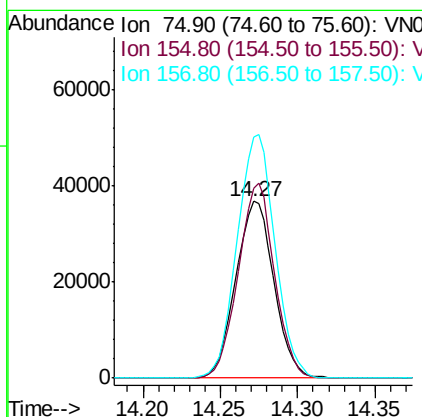
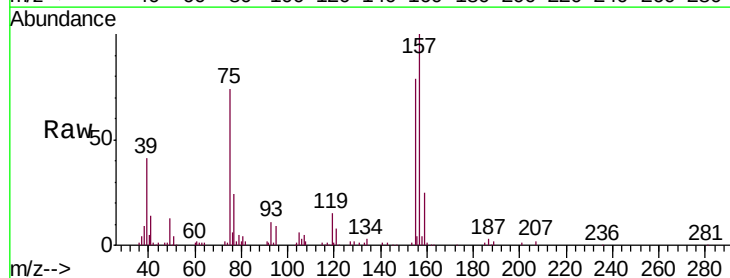
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

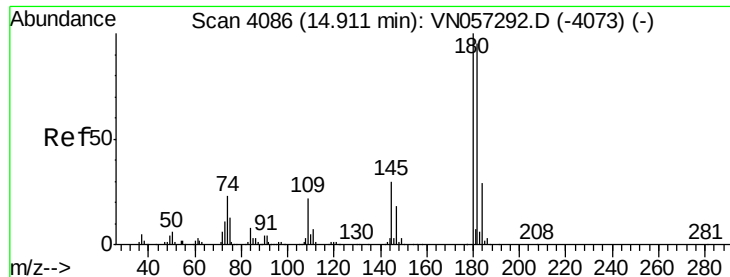
Tgt Ion: 146 Resp: 689661
 Ion Ratio Lower Upper
 146 100
 111 37.2 19.7 59.1
 148 63.3 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.389 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN057435.D
 Acq: 20 Aug 2019 6:28

Tgt Ion: 75 Resp: 63271
 Ion Ratio Lower Upper
 75 100
 155 104.5 49.6 148.8
 157 136.2 63.7 191.1

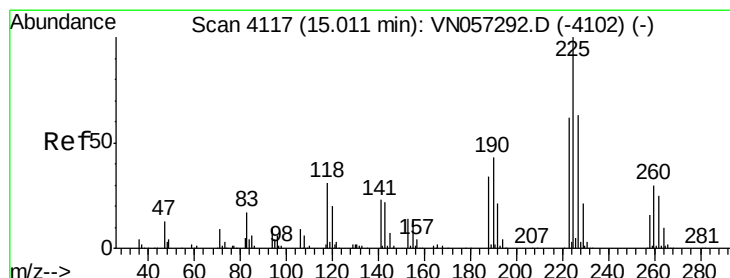
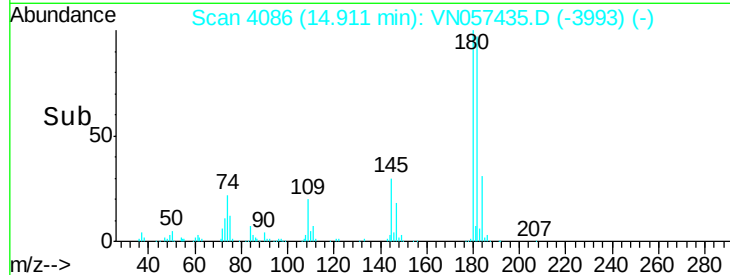
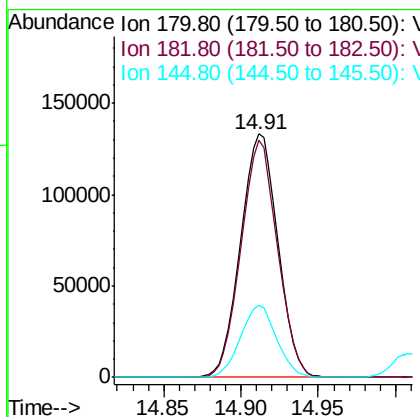
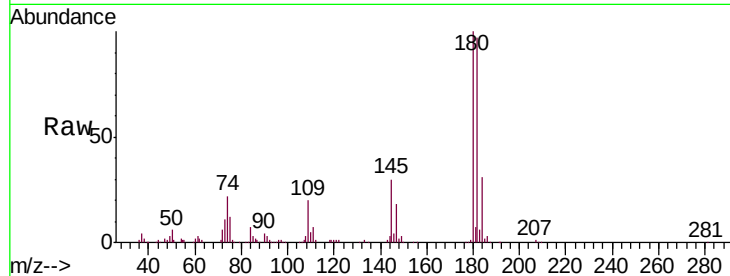




#93
 1,2,4-Trichlorobenzene
 Concen: 40.178 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN057435.D
 Acq: 20 Aug 2019 6:28

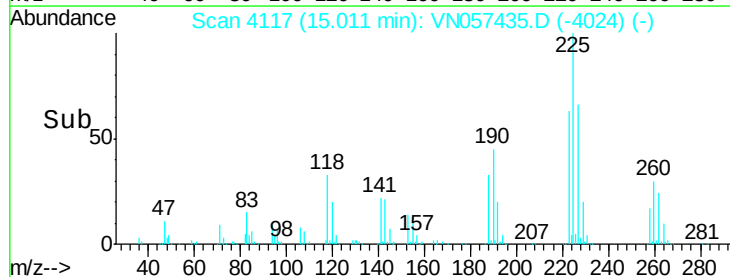
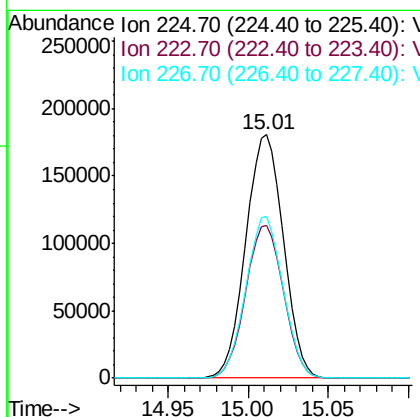
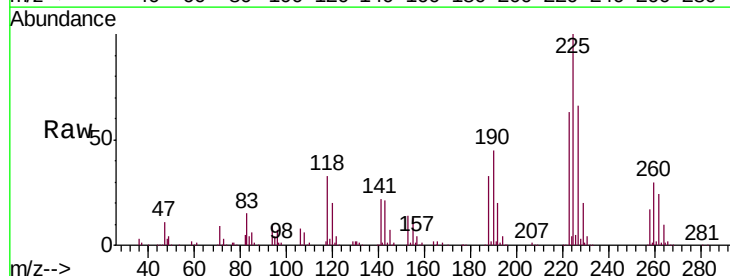
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

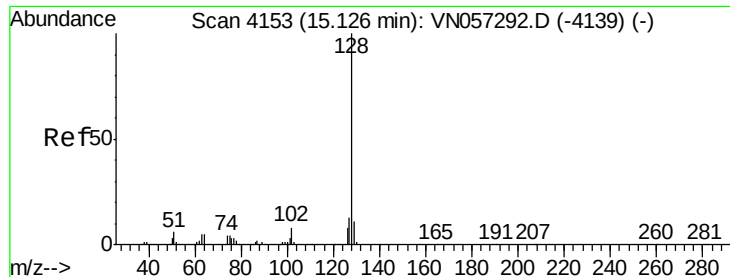
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.0	144.2
145	28.6	14.5	43.6



#94
 Hexachlorobutadiene
 Concen: 53.129 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN057435.D
 Acq: 20 Aug 2019 6:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	30.7	92.1
227	65.5	30.9	92.7

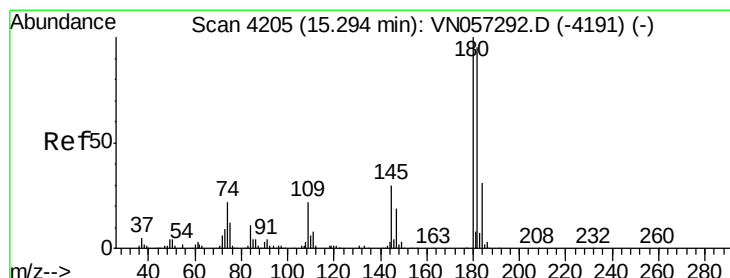
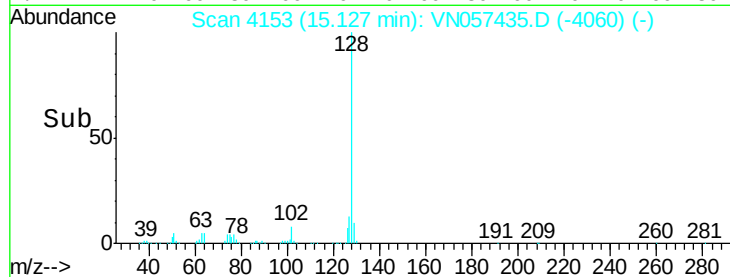
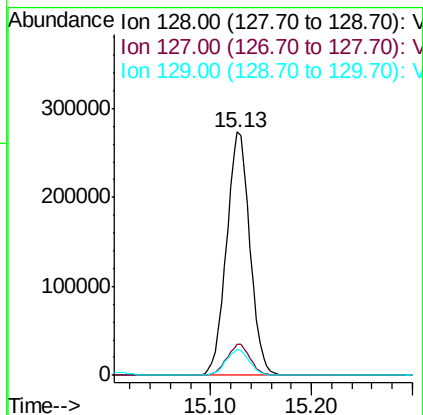
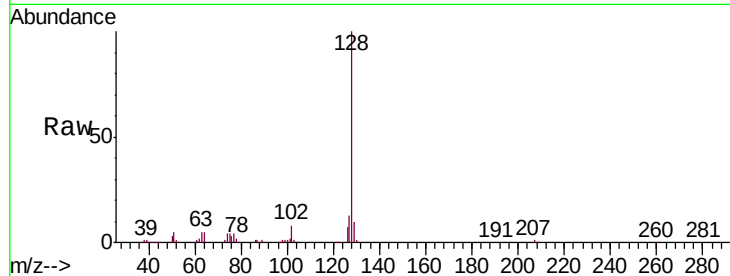




#95
Naphthalene
Concen: 50.400 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN057435.D
Acq: 20 Aug 2019 6:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 443369
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.767 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN057435.D
Acq: 20 Aug 2019 6:28

Tgt Ion:180 Resp: 202628
Ion Ratio Lower Upper
180 100
182 96.4 47.9 143.6
145 29.8 15.1 45.3

