

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081519\
 Data File : VN057294.D
 Acq On : 14 Aug 2019 18:16
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 14 19:38:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 19:33:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	882191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1310299	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1232807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	571379	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	1404959	158.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	316.10%	
35) Dibromofluoromethane	7.58	113	1249699	150.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.42%	
50) Toluene-d8	10.09	98	4758120	157.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	314.70%	
62) 4-Bromofluorobenzene	12.40	95	1800213	172.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	345.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	1089516	147.377	ug/l	97
3) Chloromethane	2.05	50	1332299	158.817	ug/l	99
4) Vinyl Chloride	2.18	62	1247766	153.492	ug/l	99
5) Bromomethane	2.51	94	720356	125.773	ug/l	99
6) Chloroethane	2.67	64	803921	152.585	ug/l	98
7) Trichlorofluoromethane	3.00	101	1910527	148.761	ug/l	100
8) Diethyl Ether	3.40	74	737899	157.567	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	1131792	146.885	ug/l	100
10) Methyl Iodide	3.94	142	1879788	157.337	ug/l	100
11) Tert butyl alcohol	4.77	59	1042349	853.707	ug/l	99
12) 1,1-Dichloroethene	3.73	96	1144731	149.366	ug/l	97
13) Acrolein	3.60	56	594206	707.122	ug/l	100
14) Allyl chloride	4.31	41	1867802	159.827	ug/l	99
15) Acrylonitrile	4.97	53	2851140	837.343	ug/l	99
16) Acetone	3.81	43	2277006	745.767	ug/l	98
17) Carbon Disulfide	4.04	76	3186828	152.829	ug/l	99
18) Methyl Acetate	4.31	43	1295441	123.606	ug/l	100
19) Methyl tert-butyl Ether	5.03	73	3671305	159.463	ug/l	98
20) Methylene Chloride	4.54	84	1326381	148.635	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	1224916	150.226	ug/l	100
22) Diisopropyl ether	5.94	45	3621274	157.075	ug/l	96
23) Vinyl Acetate	5.88	43	15057173	823.307	ug/l	99
24) 1,1-Dichloroethane	5.83	63	2194910	151.951	ug/l	100
25) 2-Butanone	6.82	43	3556388	811.393	ug/l	97
26) 2,2-Dichloropropane	6.81	77	1818393	154.270	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	1449483	153.843	ug/l	100
28) Bromochloromethane	7.19	49	970468	150.850	ug/l #	100
29) Tetrahydrofuran	7.20	42	2241746	801.314	ug/l	99
30) Chloroform	7.36	83	2252347	148.996	ug/l	98
31) Cyclohexane	7.65	56	1850542	147.374	ug/l	99
32) 1,1,1-Trichloroethane	7.56	97	2017871	157.865	ug/l	98
36) 1,1-Dichloropropene	7.79	75	1723600	151.554	ug/l	98
37) Ethyl Acetate	6.91	43	1462010	157.021	ug/l	99
38) Carbon Tetrachloride	7.77	117	1807291	149.412	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	2024666	150.597	ug/l	99
40) Benzene	8.03	78	5173190	148.824	ug/l	99
41) Methacrylonitrile	7.19	41	2031966	522.426	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	1694356	151.741	ug/l	100
43) Isopropyl Acetate	8.16	43	2561322	165.521	ug/l	98
44) Trichloroethene	8.83	130	1463725	146.126	ug/l	100
45) 1,2-Dichloropropane	9.11	63	1356517	153.788	ug/l	99
46) Dibromomethane	9.20	93	886856	149.510	ug/l	100
47) Bromodichloromethane	9.40	83	1834562	160.091	ug/l	99
48) Methyl methacrylate	9.19	41	1207900	170.213	ug/l	99
49) 1,4-Dioxane	9.20	88	484958	3042.632	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	7520522	834.510	ug/l	99
52) Toluene	10.15	92	3309027	153.434	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	2069408	168.863	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	2229889	161.508	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	1289556	152.344	ug/l	99
56) Ethyl methacrylate	10.43	69	2079862	174.078	ug/l	99
57) 1,3-Dichloropropane	10.71	76	2149703	153.809	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	3000135	998.476	ug/l	100
59) 2-Hexanone	10.75	43	5432185	848.145	ug/l	100
60) Dibromochloromethane	10.90	129	1556865	163.949	ug/l	99
61) 1,2-Dibromoethane	11.00	107	1397791	158.922	ug/l	100
64) Tetrachloroethene	10.63	164	1407368	129.858	ug/l	99
65) Chlorobenzene	11.43	112	3733049	148.741	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	1419966	146.455	ug/l	99
67) Ethyl Benzene	11.51	91	6601834	153.675	ug/l	99
68) m/p-Xylenes	11.62	106	5014112	312.451	ug/l	100
69) o-Xylene	11.95	106	2438779	155.012	ug/l	100
70) Styrene	11.96	104	4289573	176.370	ug/l	99
71) Bromoform	12.13	173	1242310	166.680	ug/l #	99
73) Isopropylbenzene	12.25	105	6593546	124.429	ug/l	99
74) N-amyl acetate	12.07	43	2167561	140.181	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	1784285	117.305	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	2358546	195.139	ug/l #	100
77) Bromobenzene	12.53	156	1811585	125.594	ug/l	98
78) n-propylbenzene	12.59	91	7402976	138.747	ug/l	100
79) 2-Chlorotoluene	12.68	91	4429716	129.884	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	5682594	132.248	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	648133	150.461	ug/l	97
82) 4-Chlorotoluene	12.77	91	4493814	143.945	ug/l	99
83) tert-Butylbenzene	12.99	119	4923823	122.761	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	5541136	137.889	ug/l	100
85) sec-Butylbenzene	13.17	105	6465574	134.574	ug/l	99
86) p-Isopropyltoluene	13.29	119	5895703	140.754	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	2886364	146.277	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	2796969	146.010	ug/l	99
89) n-Butylbenzene	13.62	91	4615946	156.805	ug/l	100
90) Hexachloroethane	13.88	117	1057136	129.148	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	2652238	138.207	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	302518	158.184	ug/l	98

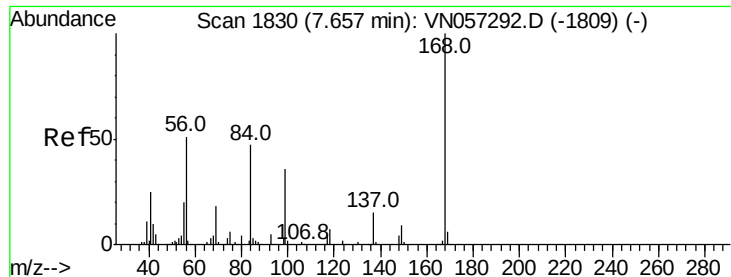
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1253887	182.068	ug/l	99
94) Hexachlorobutadiene	15.01	225	980559	106.203	ug/l	98
95) Naphthalene	15.13	128	3159059	233.542	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	1257327	180.143	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

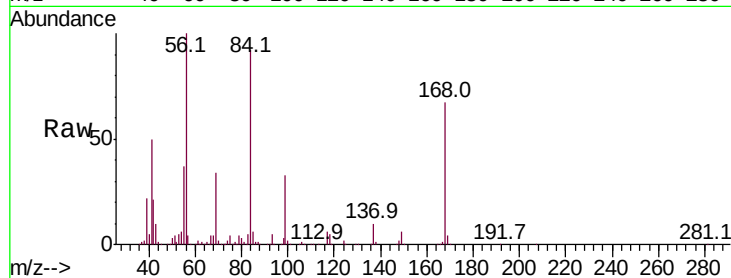
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 882191

Ion Ratio Lower Upper

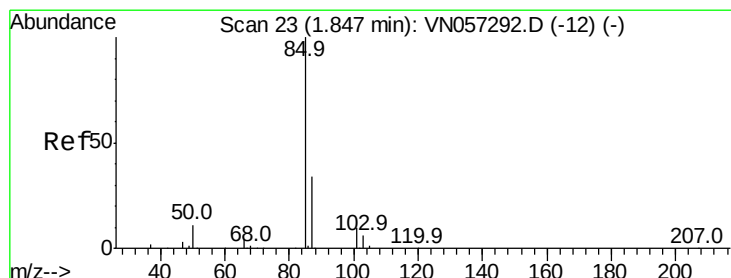
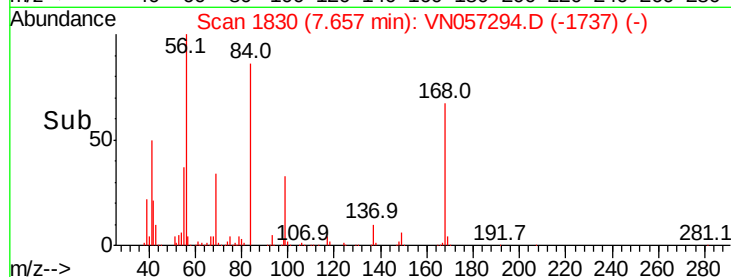
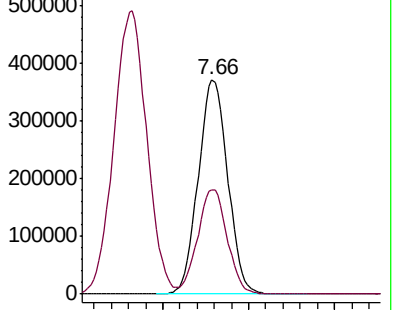
168 100

99 48.7 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 147.377 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN057294.D

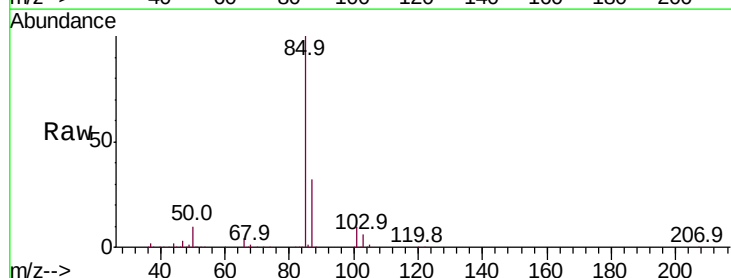
Acq: 14 Aug 2019 18:16

Tgt Ion: 85 Resp: 1089516

Ion Ratio Lower Upper

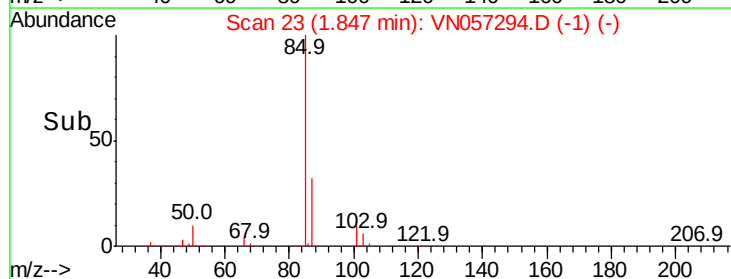
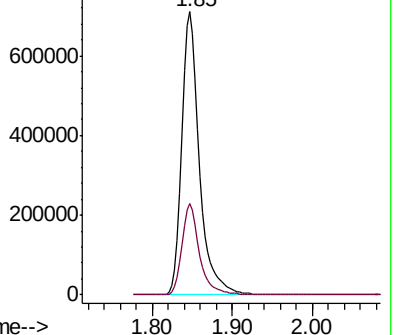
85 100

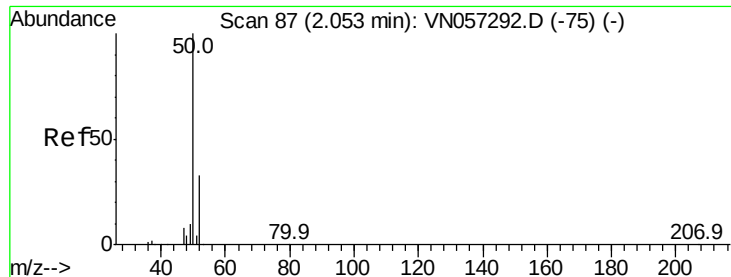
87 32.2 16.9 50.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 158.817 ug/l

RT: 2.05 min Scan# 86

Delta R.T. -0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

Instrument :

MSVOA_N

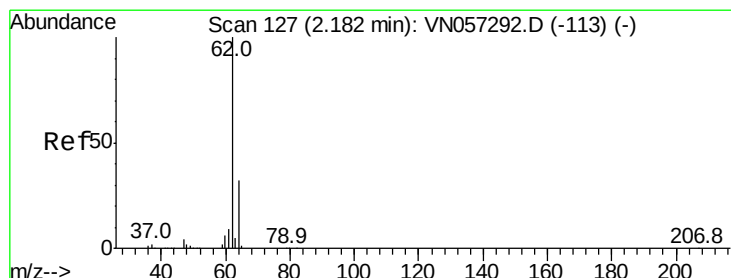
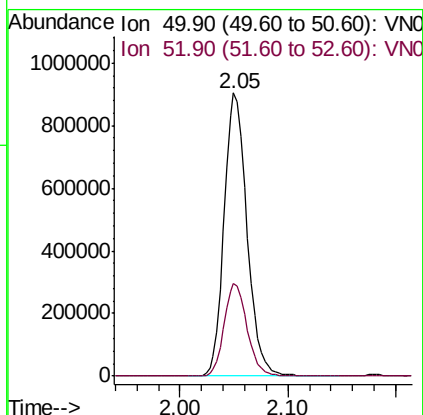
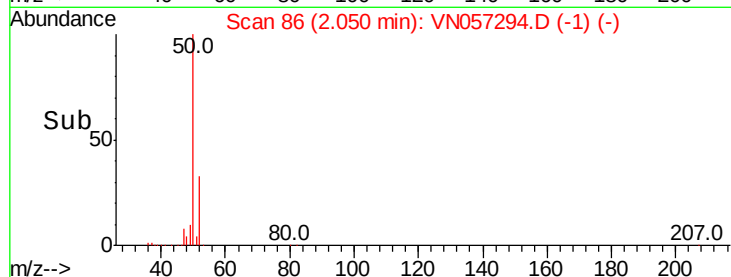
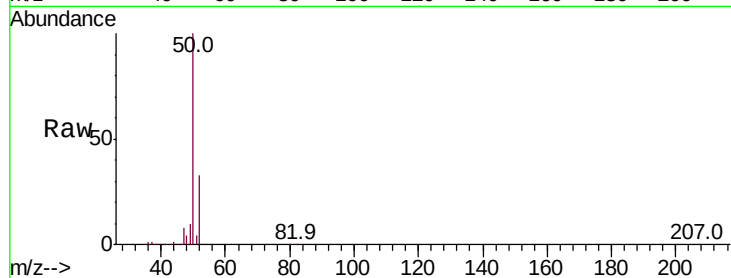
ClientSampled :

Tot Ion: 50 Resp: 1332299

Ion Ratio Lower Upper

50 100

52 32.9 26.8 40.2



#4

Vinyl Chloride

Concen: 153.492 ug/l

RT: 2.18 min Scan# 126

Delta R.T. -0.00 min

Lab File: VN057294.D

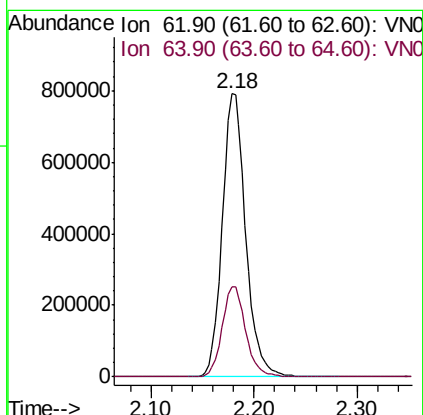
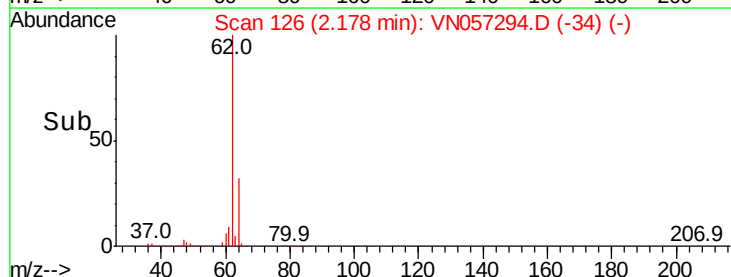
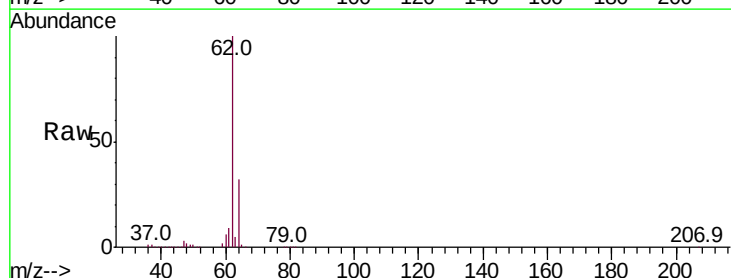
Acq: 14 Aug 2019 18:16

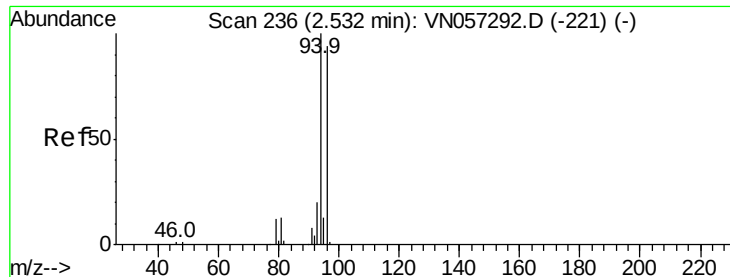
Tgt Ion: 62 Resp: 1247766

Ion Ratio Lower Upper

62 100

64 32.0 25.9 38.9





#5

Bromomethane

Concen: 125.773 ug/l

RT: 2.51 min Scan# 230

Delta R.T. -0.02 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

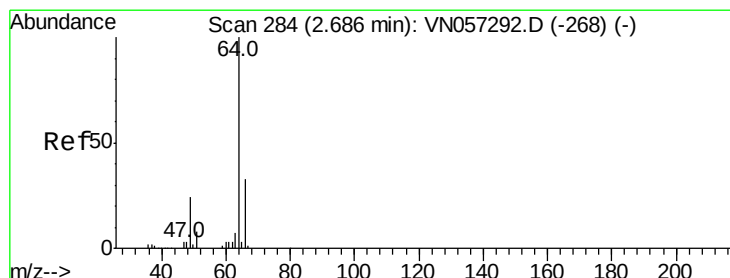
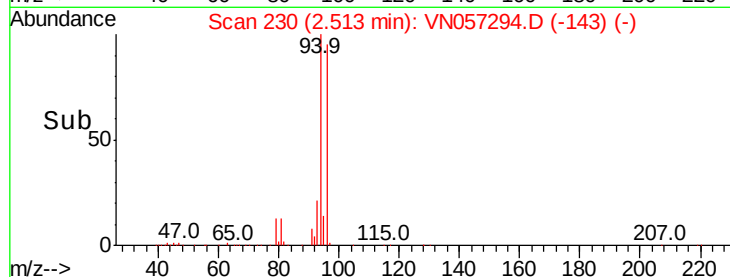
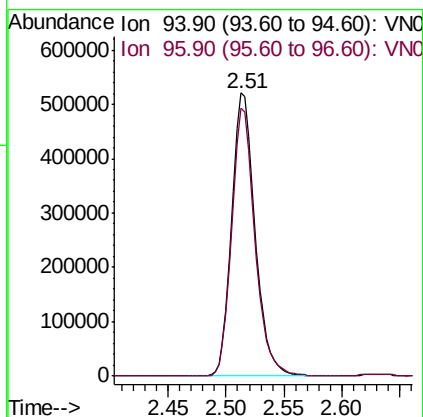
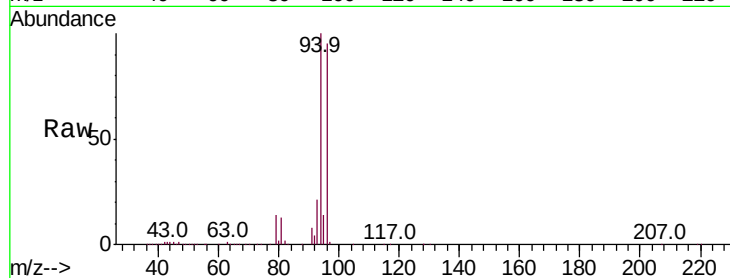
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 94 Resp: 720356

Ion Ratio Lower Upper

94 100

96 94.5 75.0 112.6



#6

Chloroethane

Concen: 152.585 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.02 min

Lab File: VN057294.D

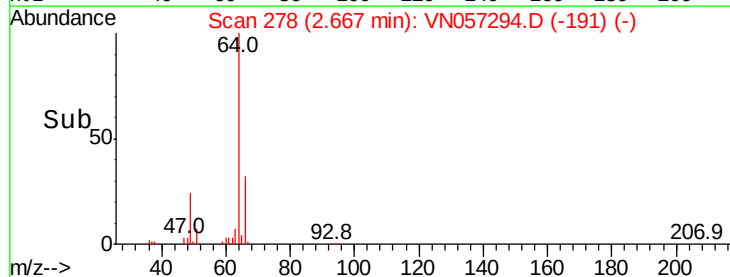
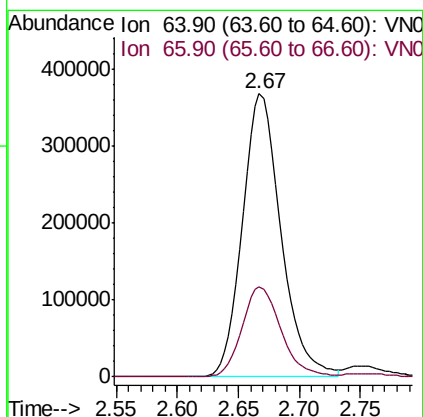
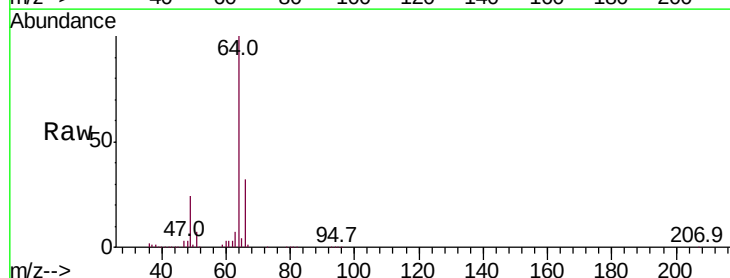
Acq: 14 Aug 2019 18:16

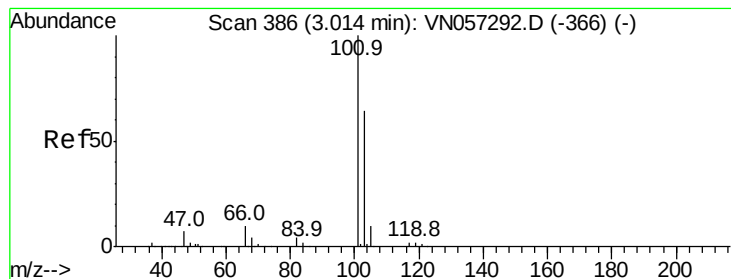
Tgt Ion: 64 Resp: 803921

Ion Ratio Lower Upper

64 100

66 31.7 26.4 39.6



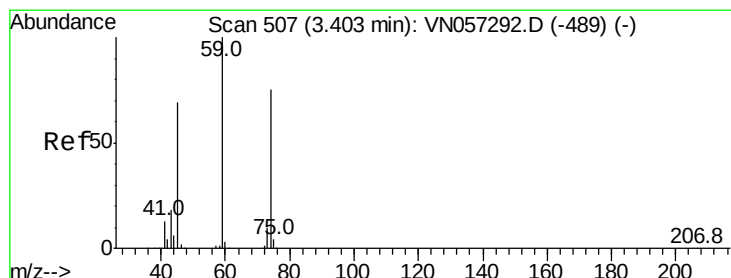
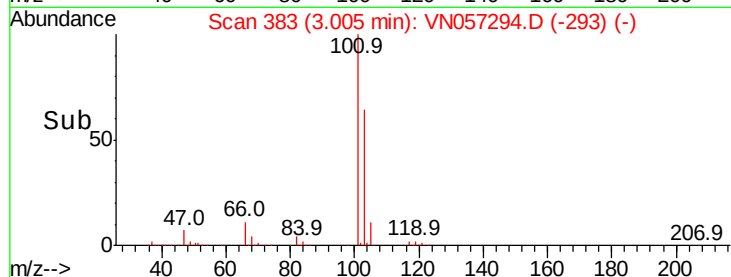
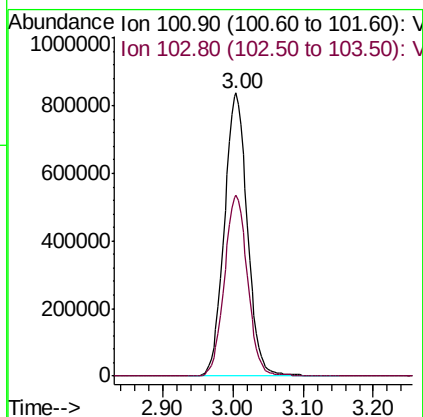
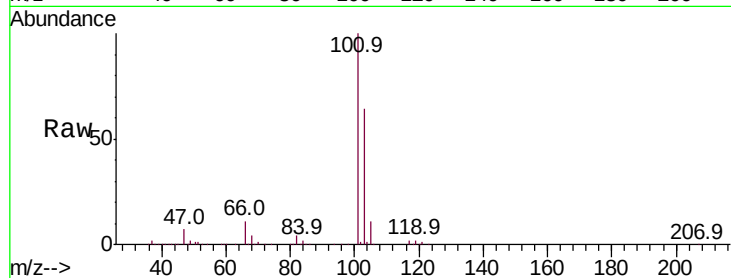


#7

Trichlorofluoromethane
Concen: 148.761 ug/l
RT: 3.00 min Scan# 383
Delta R.T. -0.01 min
Lab File: VN057294.D
Acq: 14 Aug 2019 18:16

Instrument :
MSVOA_N
ClientSampleId :

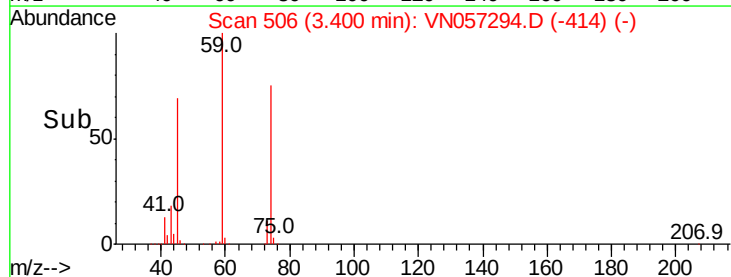
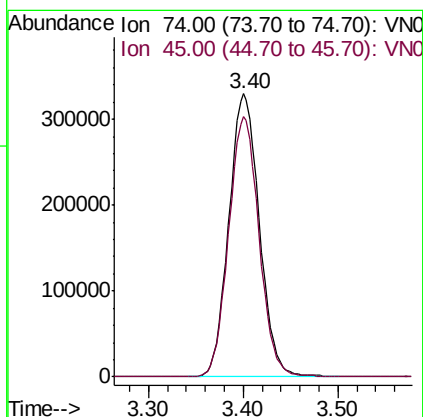
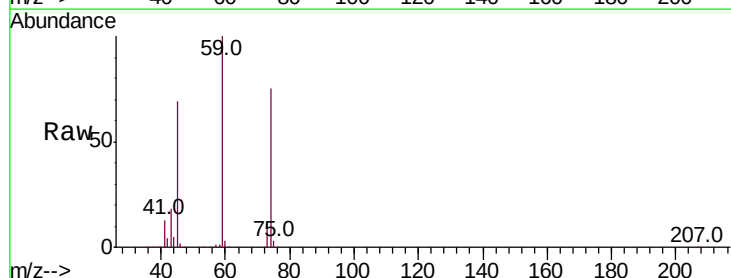
Tot Ion:101 Resp: 1910527
Ion Ratio Lower Upper
101 100
103 64.1 51.5 77.3

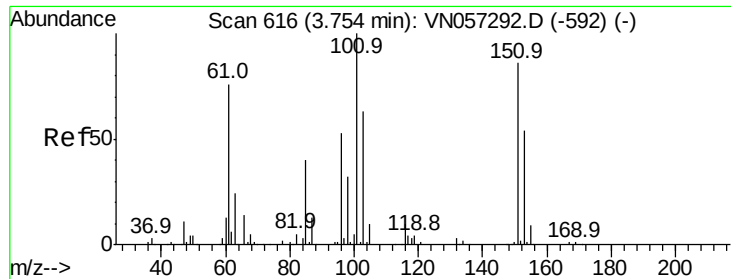


#8

Diethyl Ether
Concen: 157.567 ug/l
RT: 3.40 min Scan# 506
Delta R.T. -0.00 min
Lab File: VN057294.D
Acq: 14 Aug 2019 18:16

Tgt Ion: 74 Resp: 737899
Ion Ratio Lower Upper
74 100
45 91.5 45.9 137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 146.885 ug/l

RT: 3.75 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

Instrument :

MSVOA_N

ClientSampled :

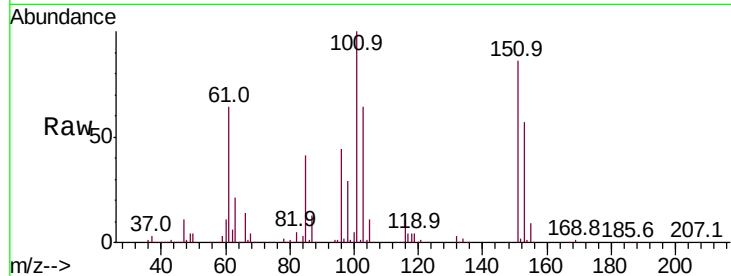
Tot Ion:101 Resp: 1131792

Ion Ratio Lower Upper

101 100

85 41.3 32.7 49.1

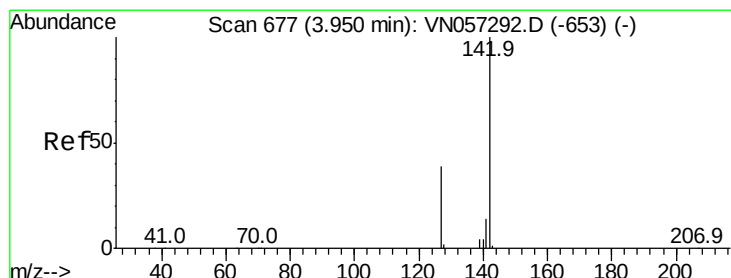
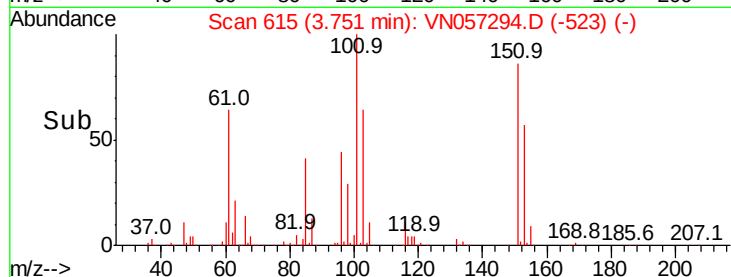
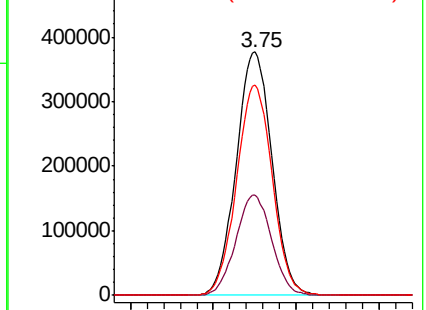
151 86.3 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 157.337 ug/l

RT: 3.94 min Scan# 675

Delta R.T. -0.01 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

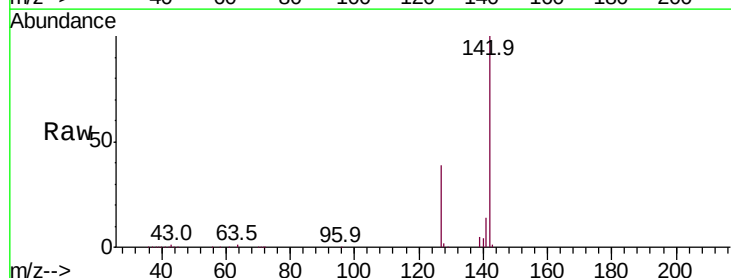
Tgt Ion:142 Resp: 1879788

Ion Ratio Lower Upper

142 100

127 39.6 31.6 47.4

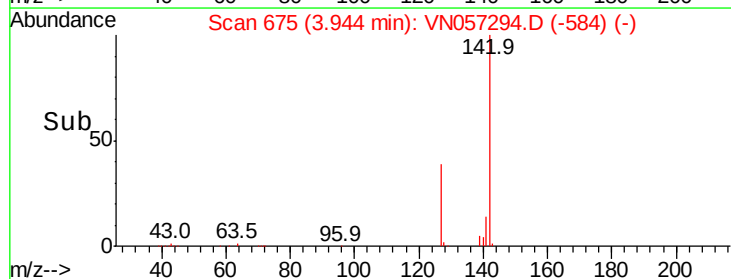
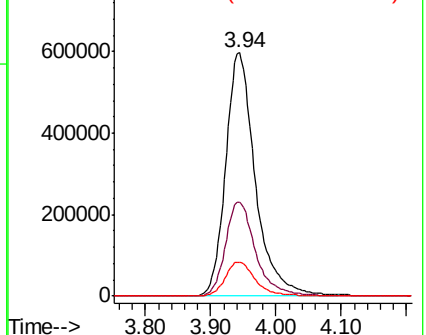
141 14.3 11.2 16.8

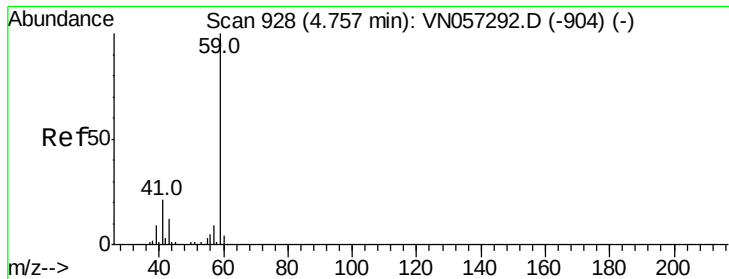


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol
Concen: 853.707 ug/l
RT: 4.77 min Scan# 933
Delta R.T. 0.02 min
Lab File: VN057294.D
Acq: 14 Aug 2019 18:16

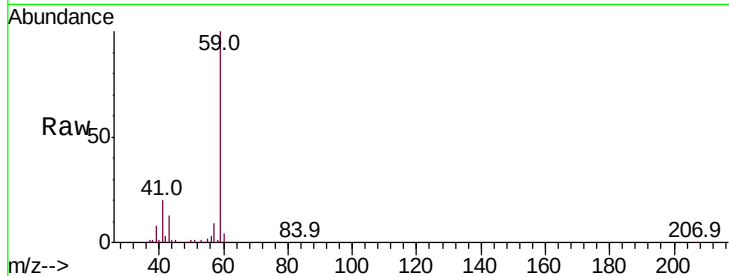
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 59 Resp: 1042349

Ion Ratio Lower Upper

59 100

57 9.8 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.77

300000

250000

200000

150000

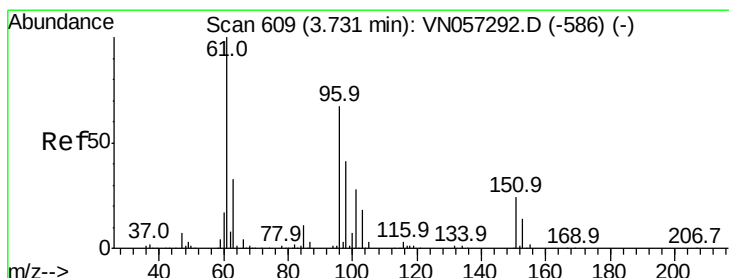
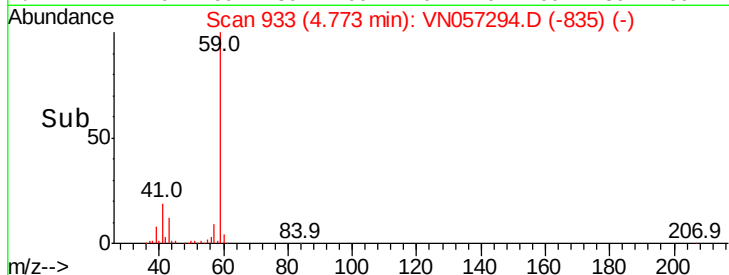
100000

50000

0

Time-->

4.60 4.70 4.80 4.90



#12

1,1-Dichloroethene
Concen: 149.366 ug/l
RT: 3.73 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN057294.D
Acq: 14 Aug 2019 18:16

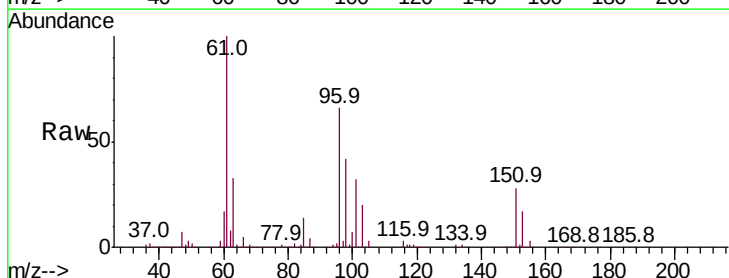
Tgt Ion: 96 Resp: 1144731

Ion Ratio Lower Upper

96 100

61 152.6 119.7 179.5

98 64.0 49.0 73.4



Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

800000

600000

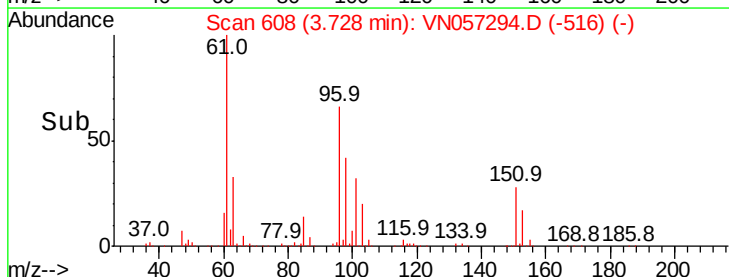
400000

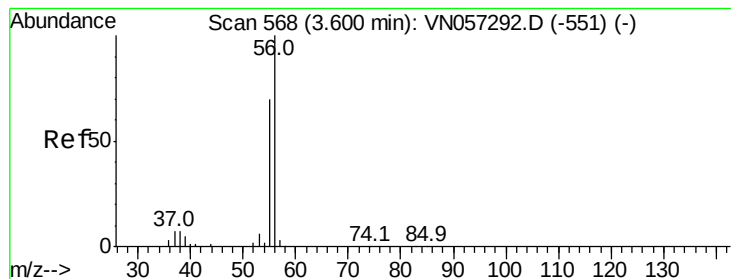
200000

0

Time-->

3.60 3.70 3.80 3.90





#13

Acrolein

Concen: 707.122 ug/l

RT: 3.60 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

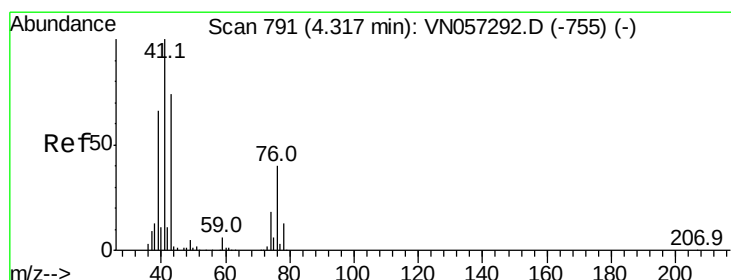
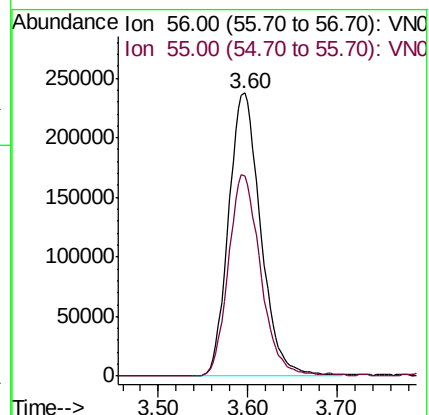
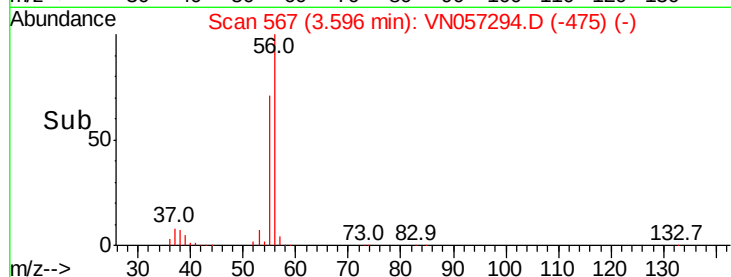
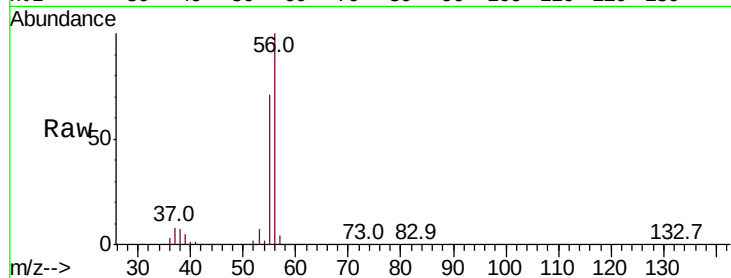
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 594206

Ion Ratio Lower Upper

56 100

55 71.0 56.6 84.8



#14

Allyl chloride

Concen: 159.827 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.01 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

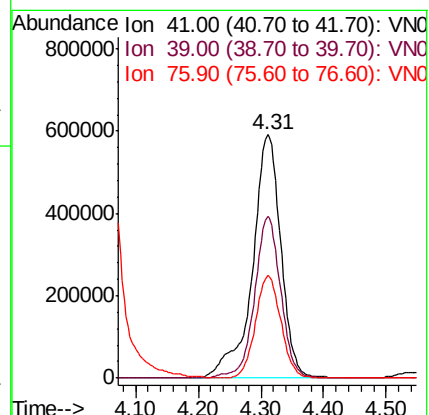
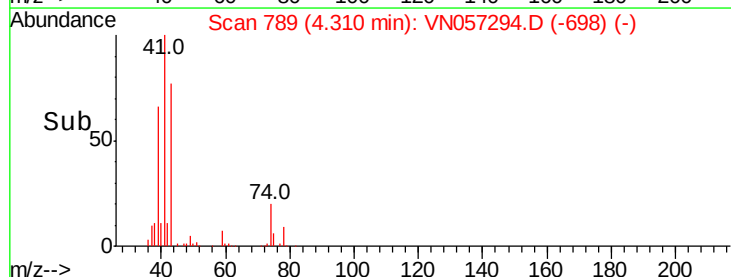
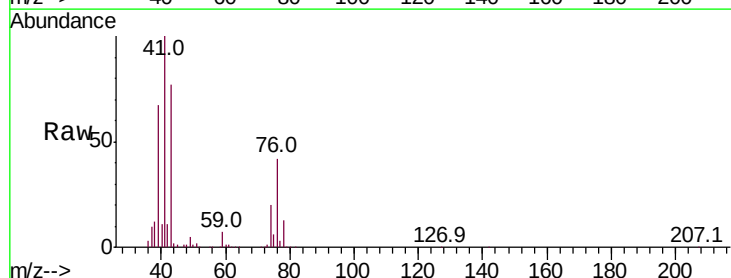
Tgt Ion: 41 Resp: 1867802

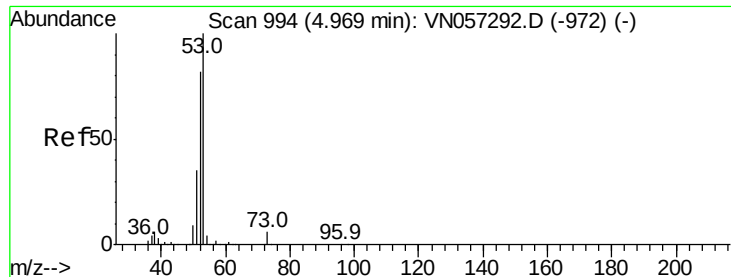
Ion Ratio Lower Upper

41 100

39 61.1 49.0 73.6

76 37.0 29.0 43.4





#15

Acrylonitrile

Concen: 837.343 ug/l

RT: 4.97 min Scan# 994

Delta R.T. 0.00 min

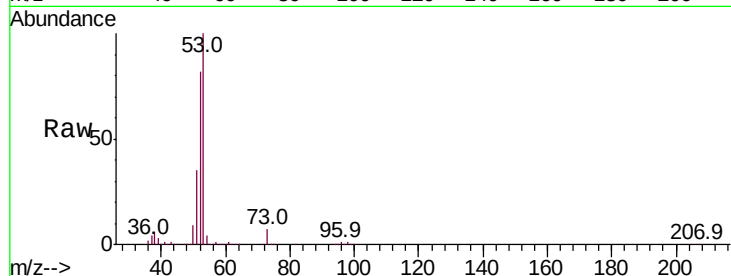
Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

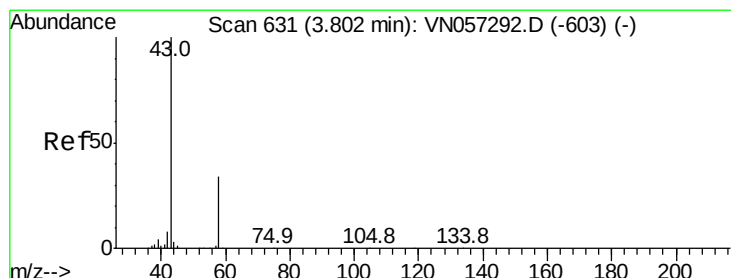
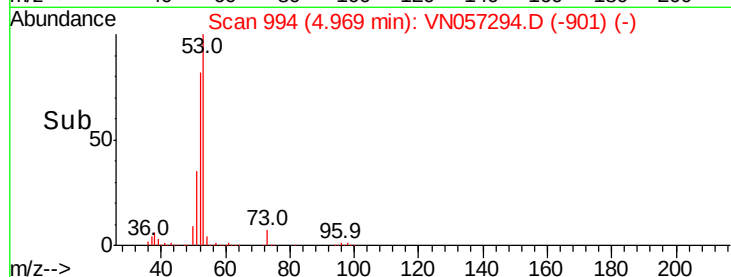
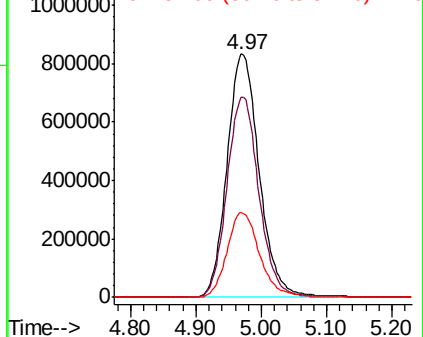
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 53 Resp: 2851140

Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.2	99.2
51	35.5	28.5	42.7



Abundance Ion 53.00 (52.70 to 53.70): VNO
Ion 52.00 (51.70 to 52.70): VNO
Ion 51.00 (50.70 to 51.70): VNO



#16

Acetone

Concen: 745.767 ug/l

RT: 3.81 min Scan# 632

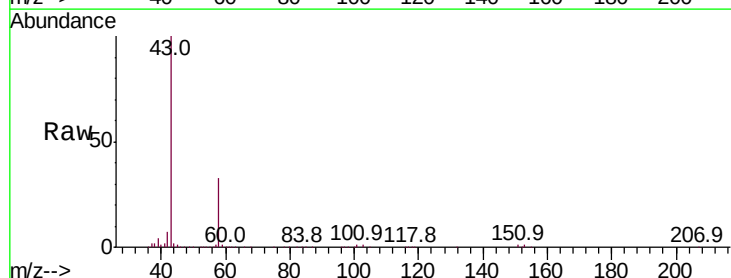
Delta R.T. 0.00 min

Lab File: VN057294.D

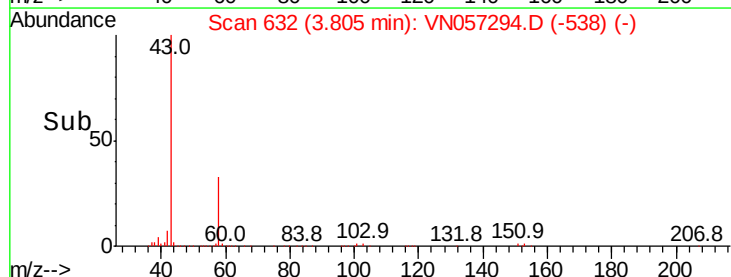
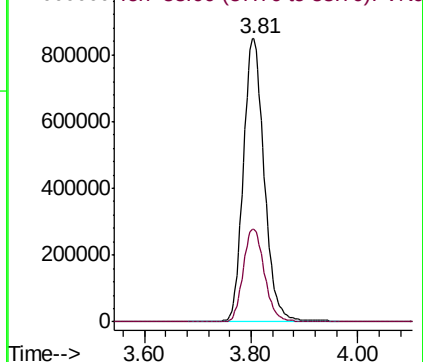
Acq: 14 Aug 2019 18:16

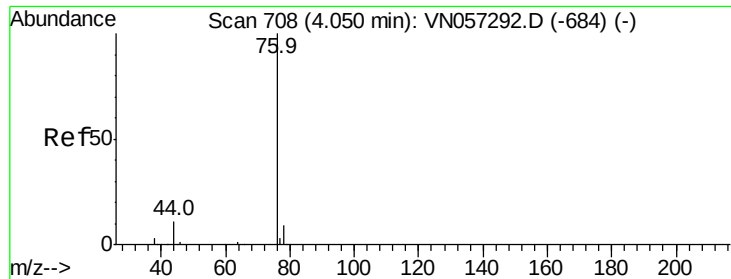
Tgt Ion: 43 Resp: 2277006

Ion	Ratio	Lower	Upper
43	100		
58	32.7	27.0	40.6



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO

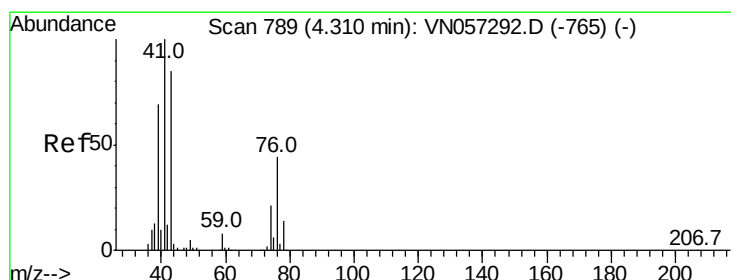
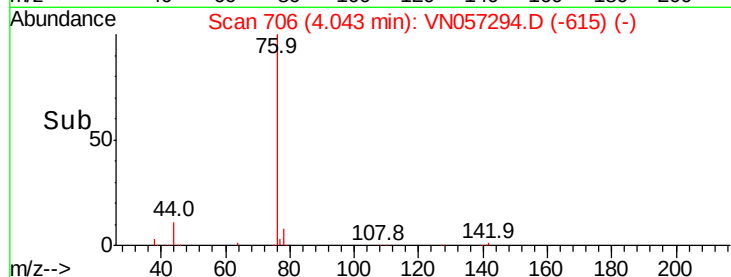
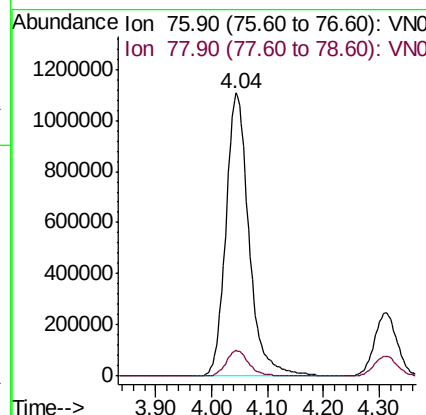
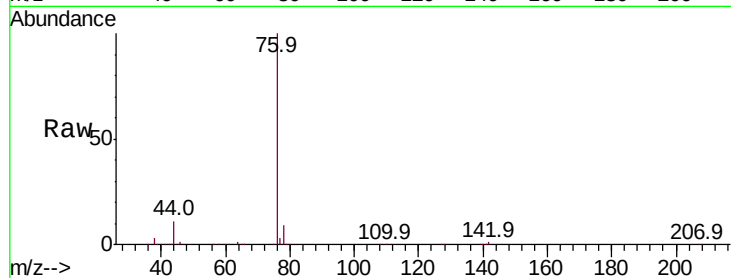




#17
Carbon Disulfide
Concen: 152.829 ug/l
RT: 4.04 min Scan# 706
Delta R.T. -0.01 min
Lab File: VN057294.D
Acq: 14 Aug 2019 18:16

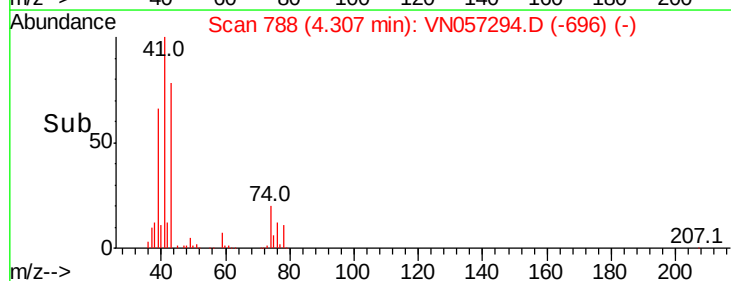
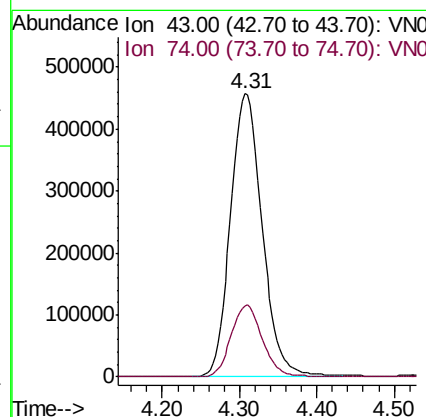
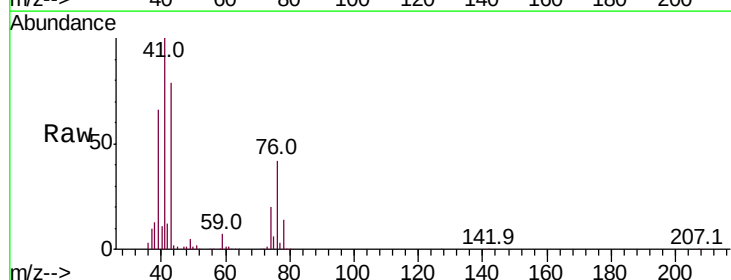
Instrument :
MSVOA_N
ClientSampled :

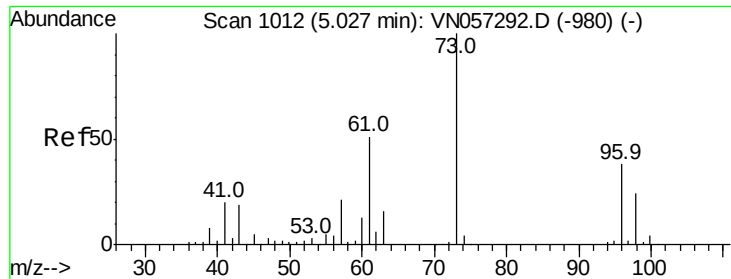
Tot Ion: 76 Resp: 3186828
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 123.606 ug/l
RT: 4.31 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN057294.D
Acq: 14 Aug 2019 18:16

Tgt Ion: 43 Resp: 1295441
Ion Ratio Lower Upper
43 100
74 25.2 20.2 30.2

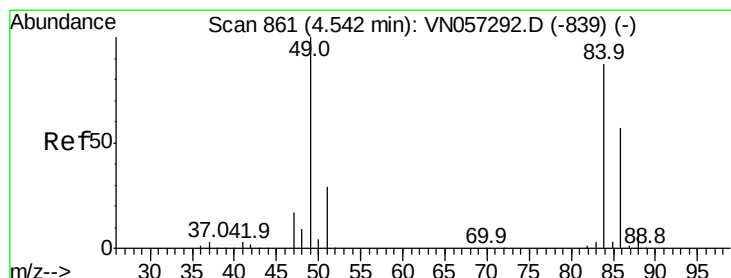
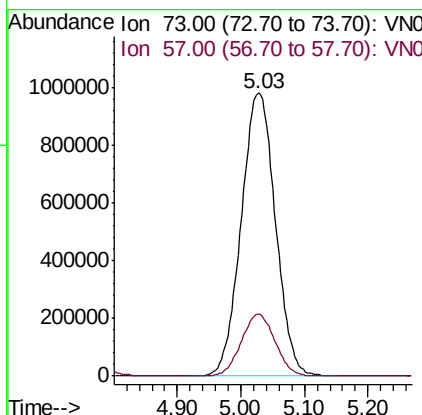
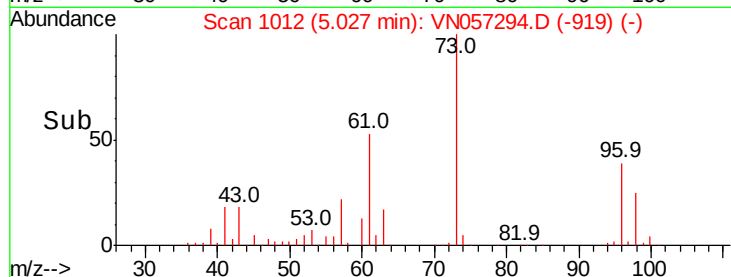
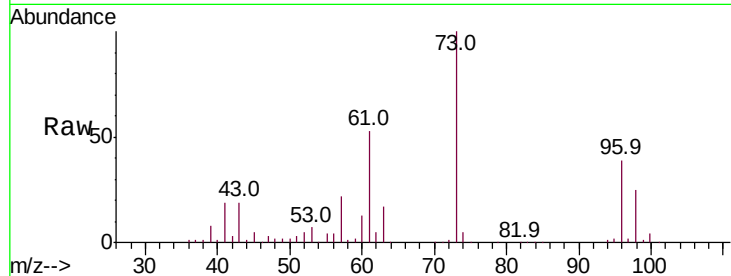




#19
Methyl tert-butyl Ether
Concen: 159.463 ug/l
RT: 5.03 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN057294.D
Acq: 14 Aug 2019 18:16

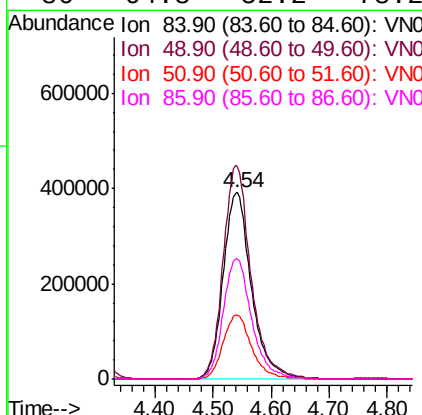
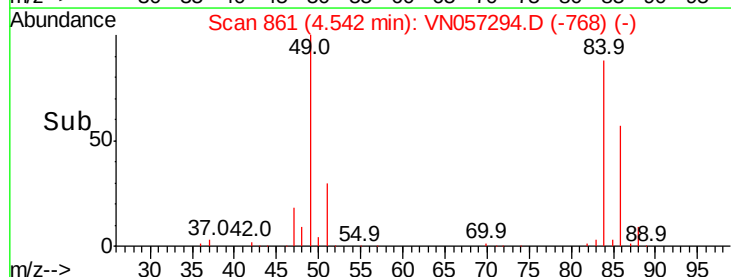
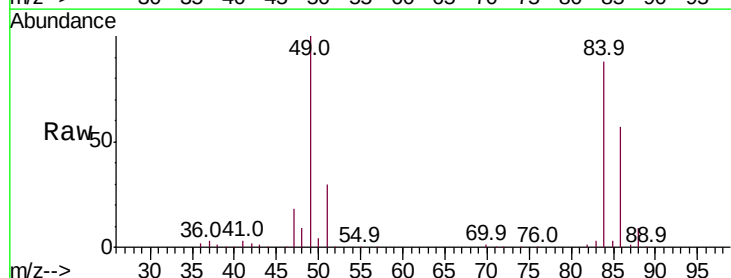
Instrument :
MSVOA_N
ClientSampled :

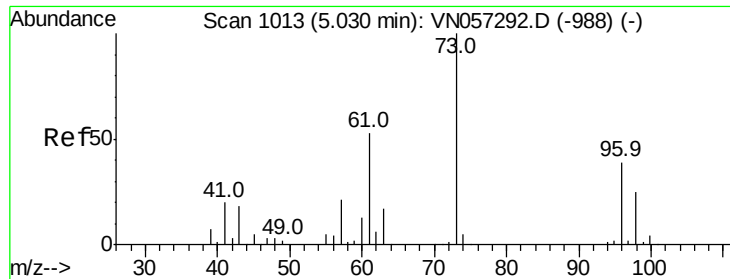
Tot Ion: 73 Resp: 3671305
Ion Ratio Lower Upper
73 100
57 22.0 16.9 25.3



#20
Methylene Chloride
Concen: 148.635 ug/l
RT: 4.54 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN057294.D
Acq: 14 Aug 2019 18:16

Tgt Ion: 84 Resp: 1326381
Ion Ratio Lower Upper
84 100
49 113.6 92.0 138.0
51 34.6 27.1 40.7
86 64.8 52.2 78.2

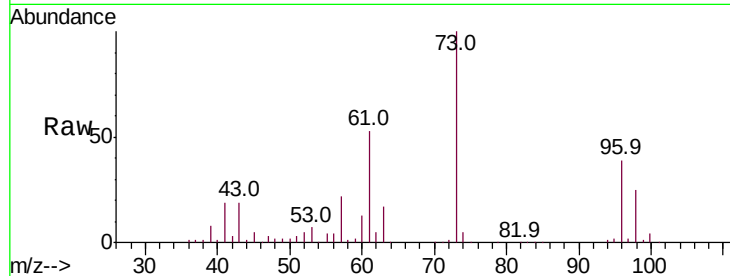




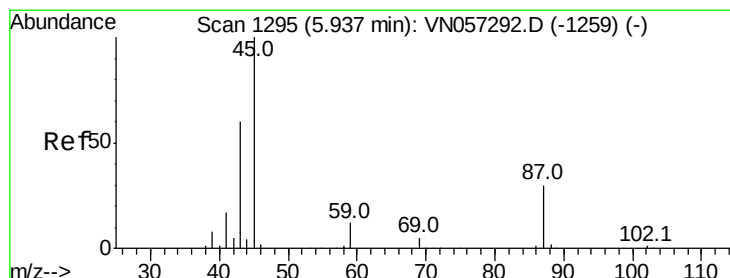
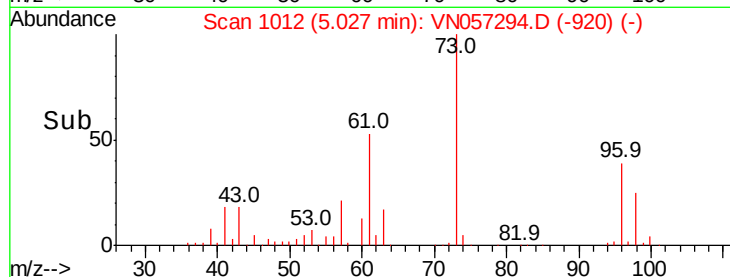
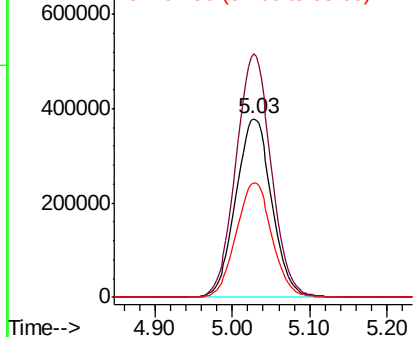
#21
trans-1,2-Dichloroethene
Concen: 150.226 ug/l
RT: 5.03 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN057294.D
Acq: 14 Aug 2019 18:16

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 1224916
Ion Ratio Lower Upper
96 100
61 136.5 109.5 164.3
98 64.0 51.0 76.6

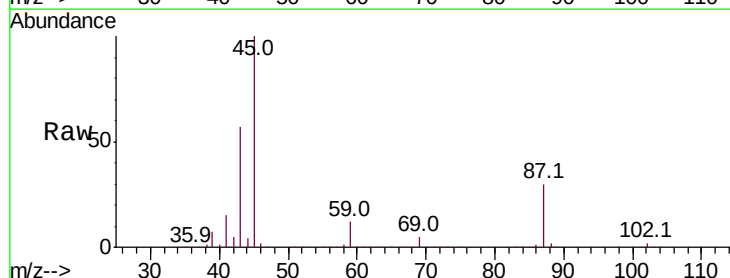


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

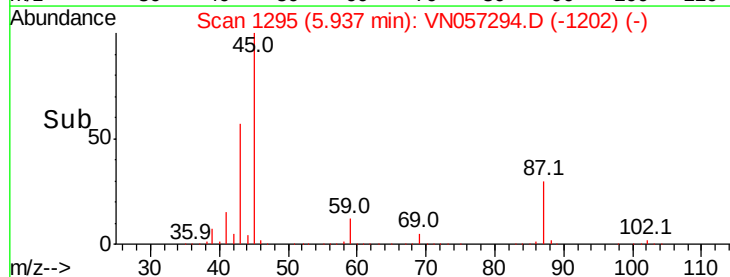
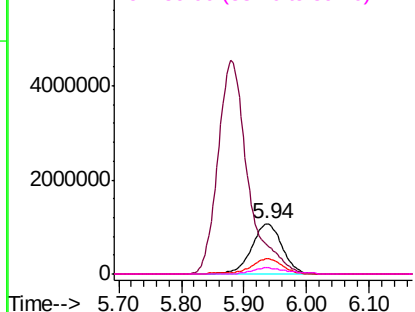


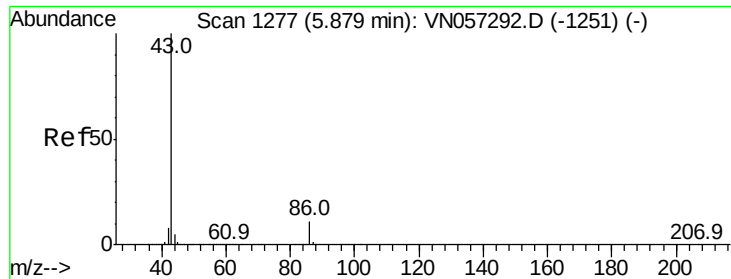
#22
Diisopropyl ether
Concen: 157.075 ug/l
RT: 5.94 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN057294.D
Acq: 14 Aug 2019 18:16

Tgt Ion: 45 Resp: 3621274
Ion Ratio Lower Upper
45 100
43 56.2 48.3 72.5
87 30.0 24.6 36.8
59 11.9 9.8 14.8



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 823.307 ug/l

RT: 5.88 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

Instrument :

MSVOA_N

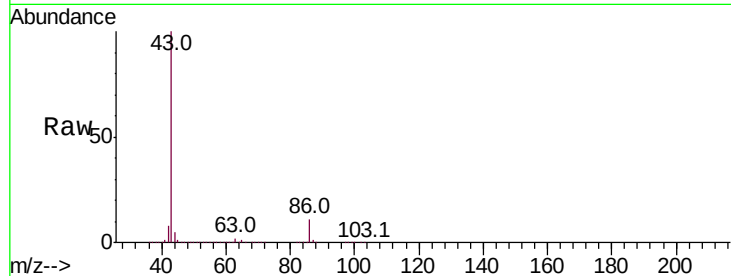
ClientSampled :

Tot Ion: 43 Resp:15057173

Ion Ratio Lower Upper

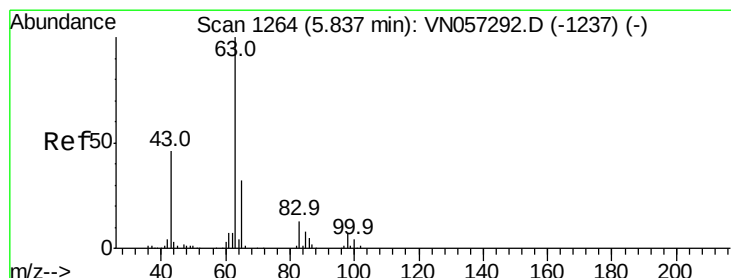
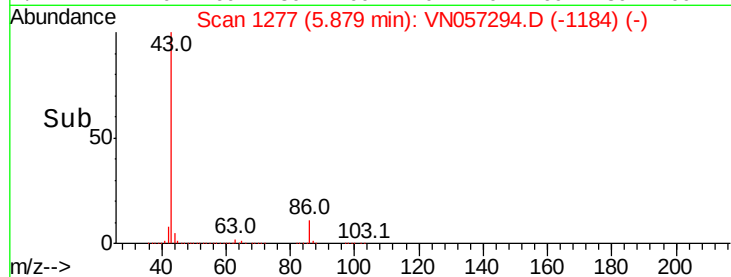
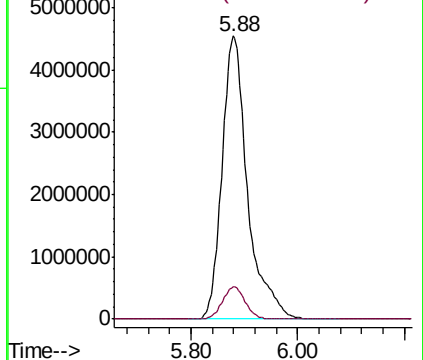
43 100

86 11.3 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 151.951 ug/l

RT: 5.83 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

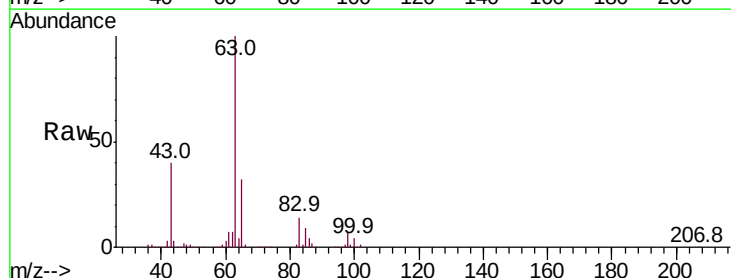
Tgt Ion: 63 Resp: 2194910

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

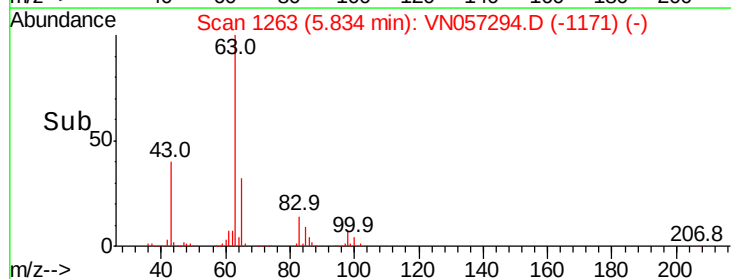
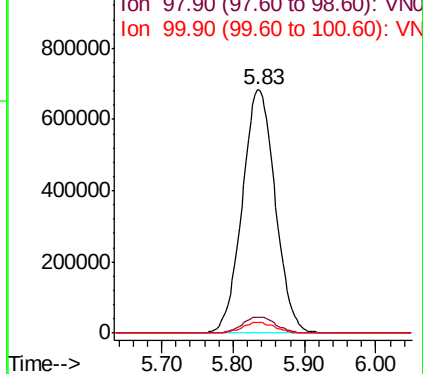
100 4.5 2.1 6.5

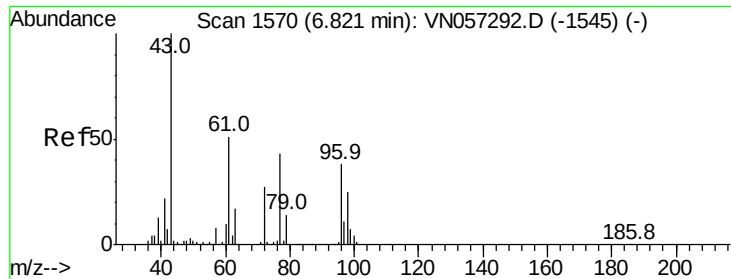


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

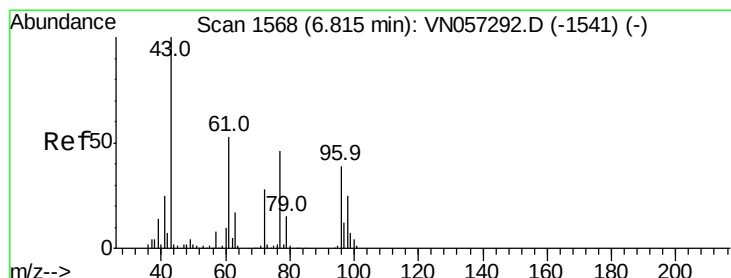
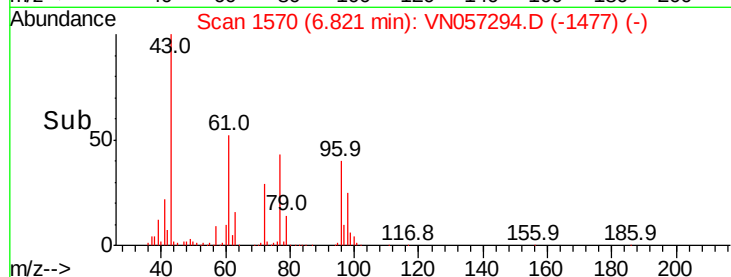
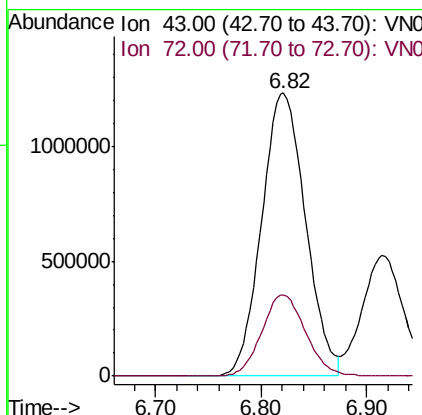
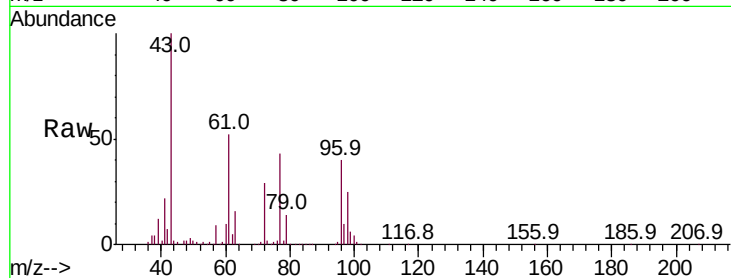




#25
 2-Butanone
 Concen: 811.393 ug/l
 RT: 6.82 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: VN057294.D
 Acq: 14 Aug 2019 18:16

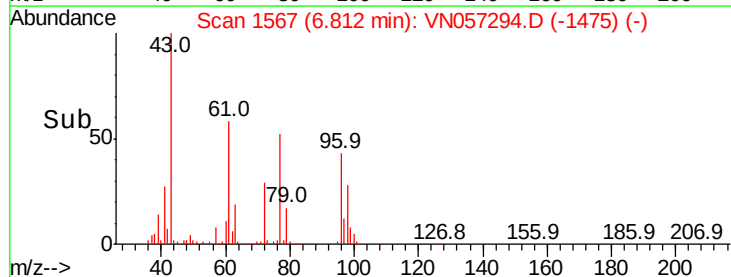
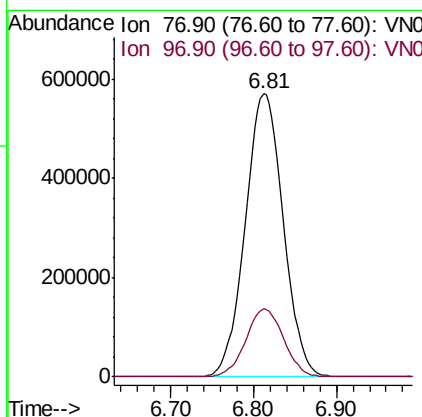
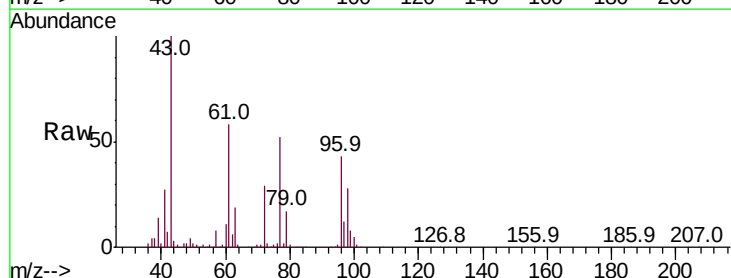
Instrument :
 MSVOA_N
 ClientSampled :

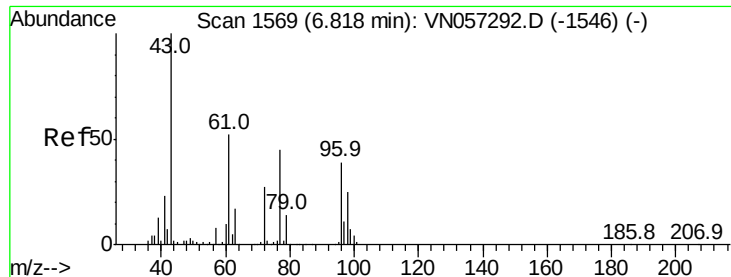
Tot Ion: 43 Resp: 3556388
 Ion Ratio Lower Upper
 43 100
 72 28.7 21.5 32.3



#26
 2,2-Dichloropropane
 Concen: 154.270 ug/l
 RT: 6.81 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN057294.D
 Acq: 14 Aug 2019 18:16

Tgt Ion: 77 Resp: 1818393
 Ion Ratio Lower Upper
 77 100
 97 24.0 12.3 36.9

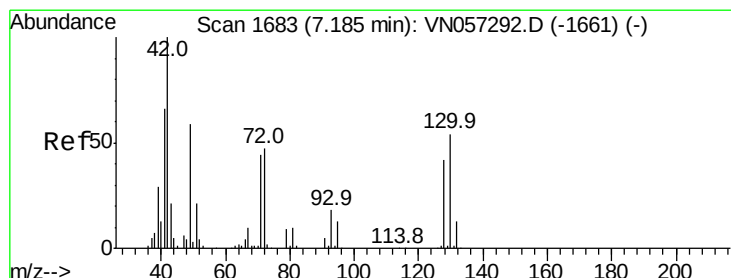
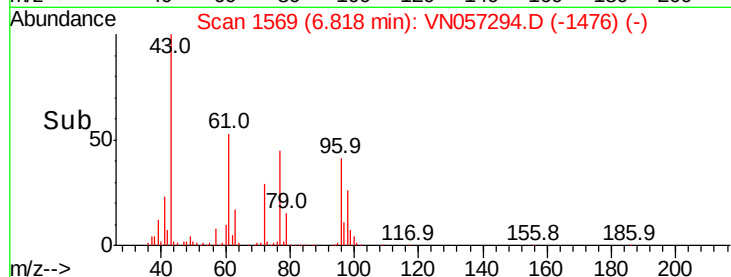
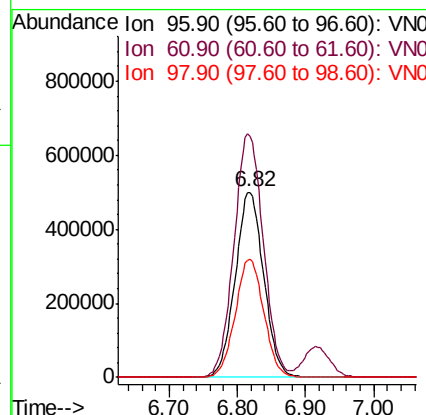
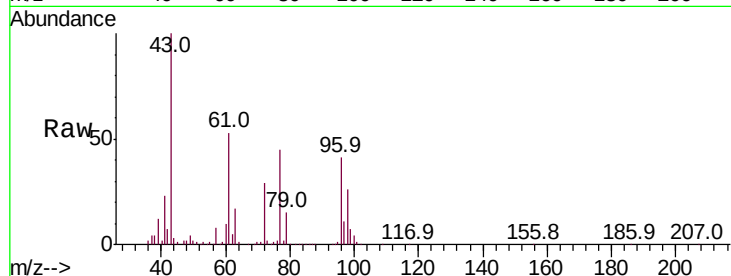




#27
 cis-1,2-Dichloroethene
 Concen: 153.843 ug/l
 RT: 6.82 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VN057294.D
 Acq: 14 Aug 2019 18:16

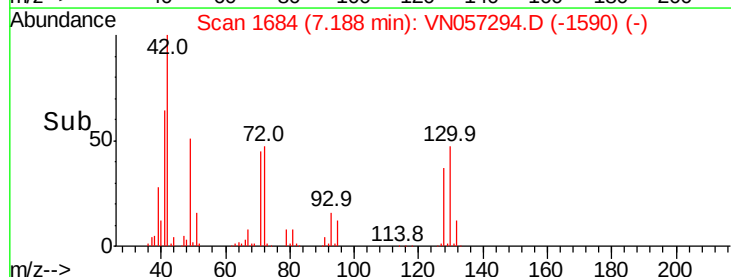
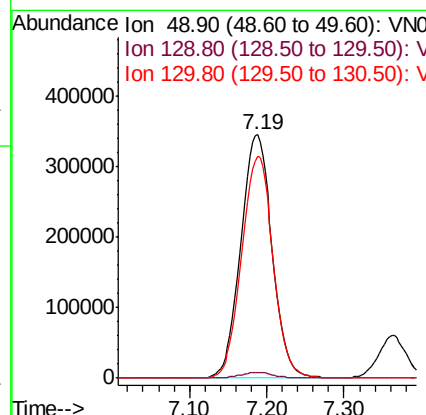
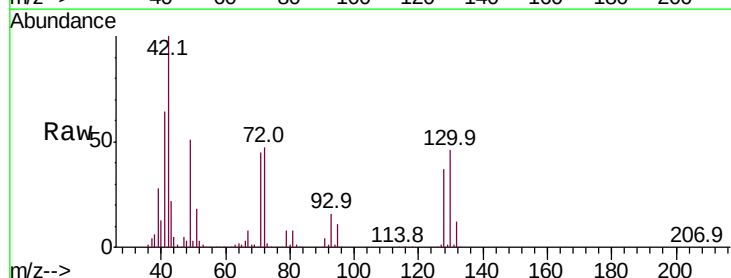
Instrument :
 MSVOA_N
 ClientSampled :

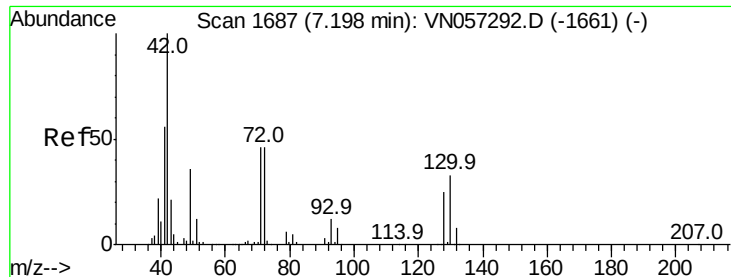
Tot Ion: 96 Resp: 1449483
 Ion Ratio Lower Upper
 96 100
 61 135.9 0.0 272.0
 98 64.1 0.0 130.4



#28
 Bromochloromethane
 Concen: 150.850 ug/l
 RT: 7.19 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VN057294.D
 Acq: 14 Aug 2019 18:16

Tgt Ion: 49 Resp: 970468
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 2.0#
 130 91.4 73.2 109.8

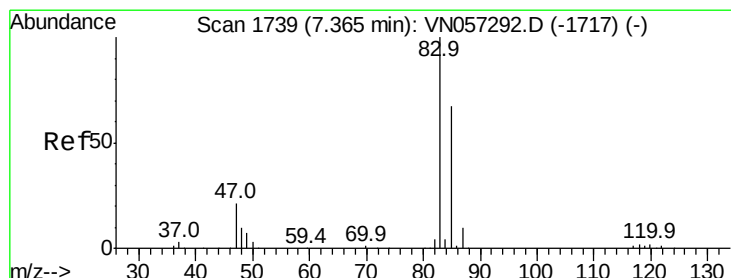
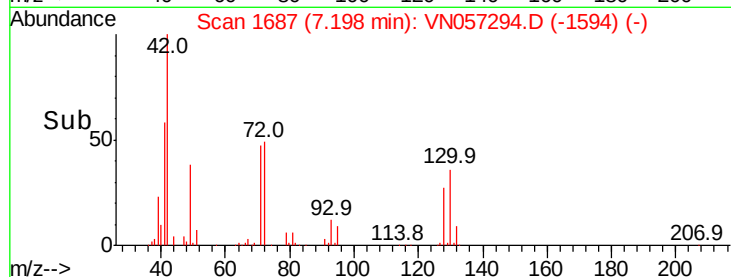
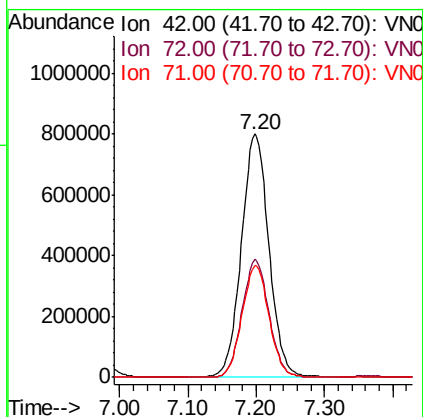
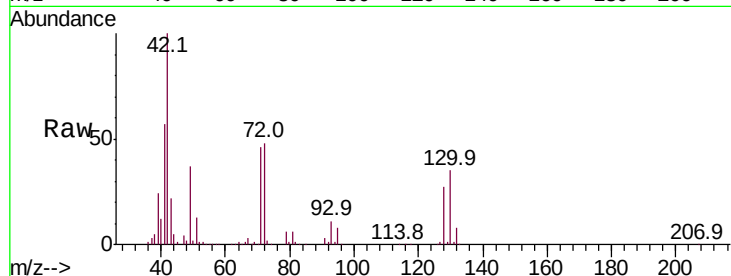




#29
Tetrahydrofuran
Concen: 801.314 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN057294.D
Acq: 14 Aug 2019 18:16

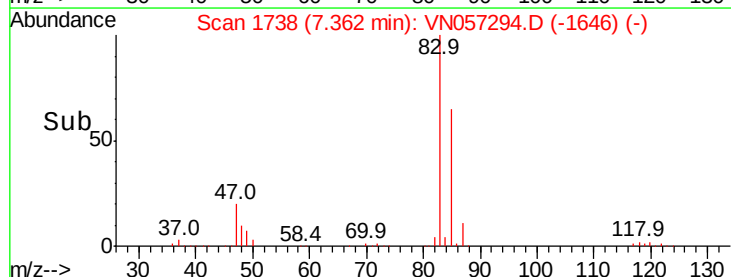
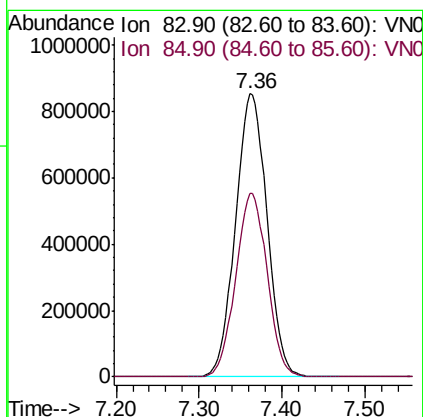
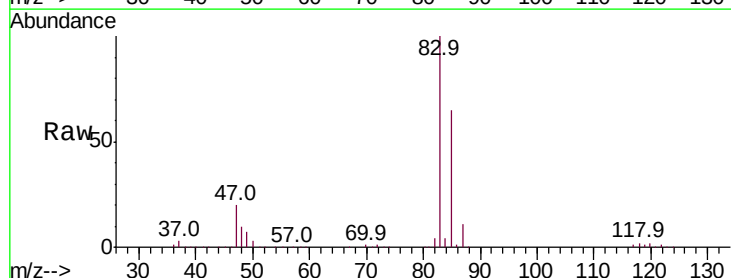
Instrument :
MSVOA_N
ClientSampled :

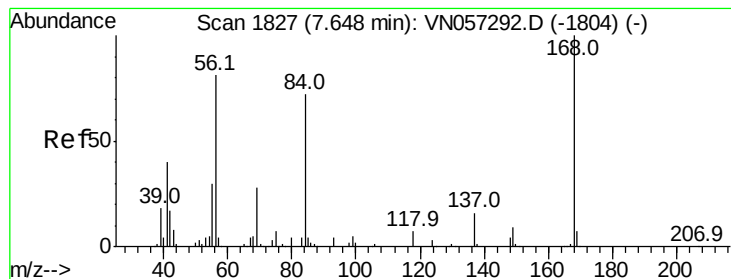
Tot Ion: 42 Resp: 2241746
Ion Ratio Lower Upper
42 100
72 47.7 37.8 56.6
71 45.2 35.7 53.5



#30
Chloroform
Concen: 148.996 ug/l
RT: 7.36 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN057294.D
Acq: 14 Aug 2019 18:16

Tgt Ion: 83 Resp: 2252347
Ion Ratio Lower Upper
83 100
85 64.7 53.3 79.9





#31

Cyclohexane

Concen: 147.374 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

Instrument :
MSVOA_N
ClientSampleId :

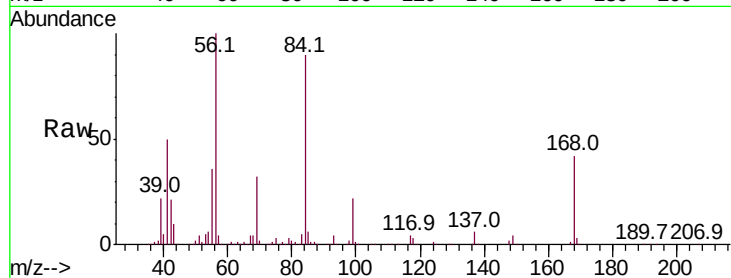
Tot Ion: 56 Resp: 1850542

Ion Ratio Lower Upper

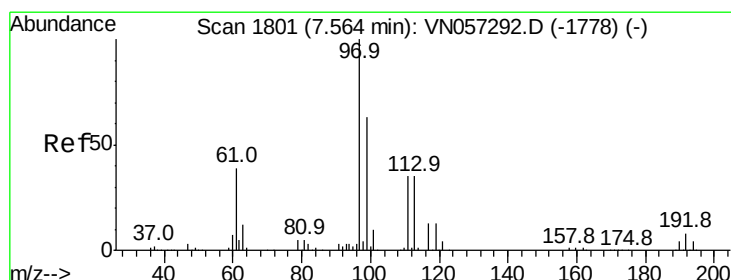
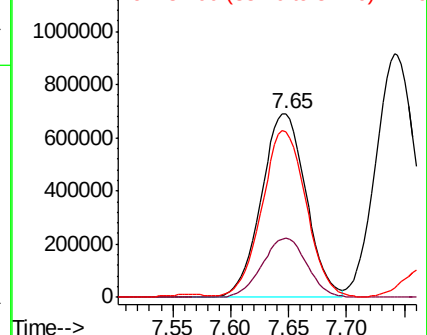
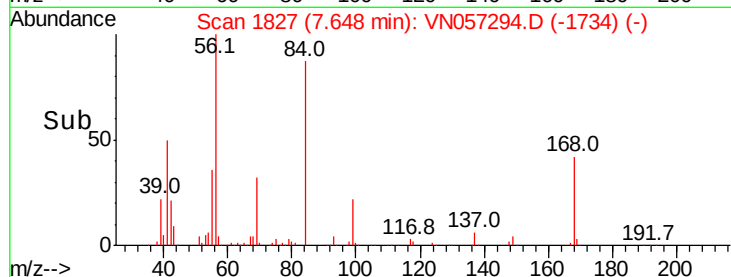
56 100

69 32.1 27.3 40.9

84 88.5 71.0 106.6



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



#32

1,1,1-Trichloroethane

Concen: 157.865 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

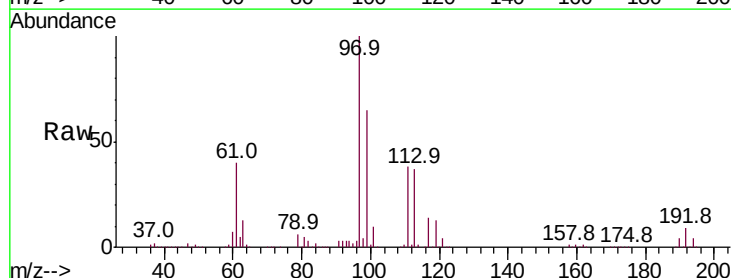
Tgt Ion: 97 Resp: 2017871

Ion Ratio Lower Upper

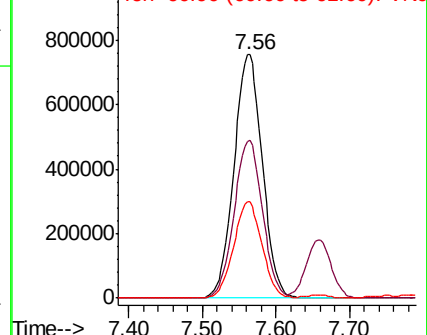
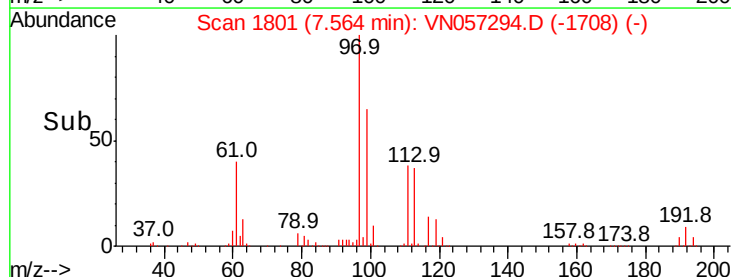
97 100

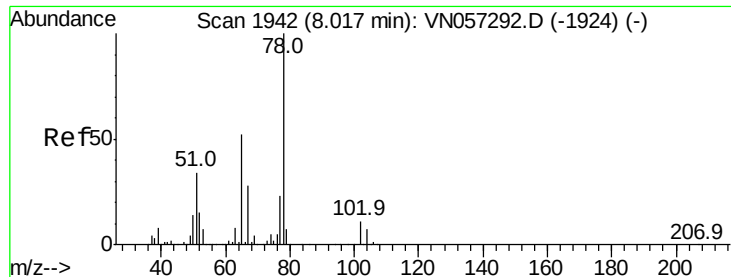
99 64.9 50.3 75.5

61 39.6 31.3 46.9



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

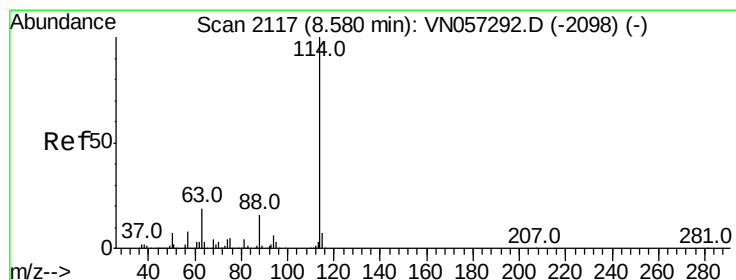
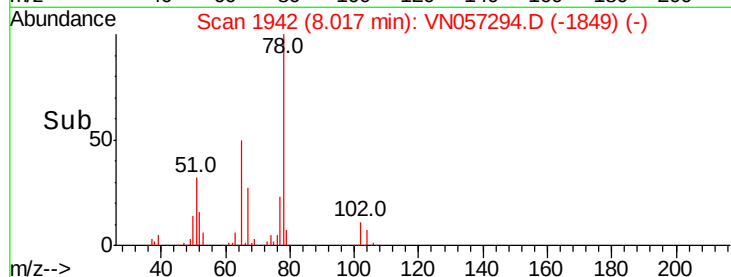
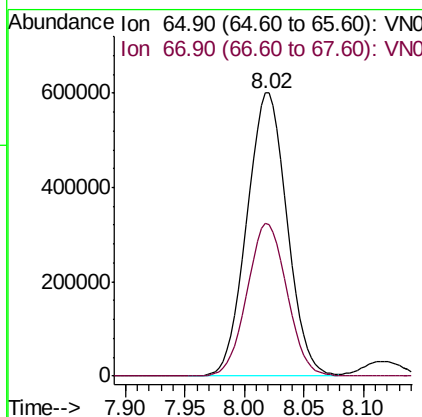
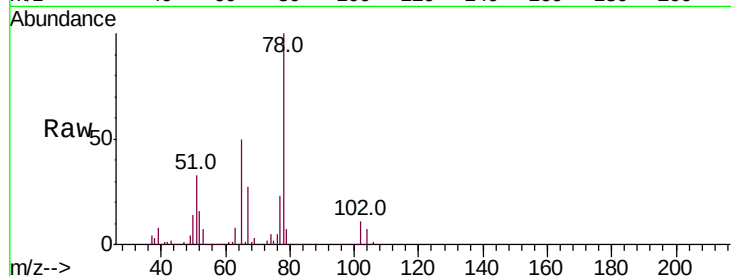




#33
 1,2-Dichloroethane-d4
 Concen: 158.049 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057294.D
 Acq: 14 Aug 2019 18:16

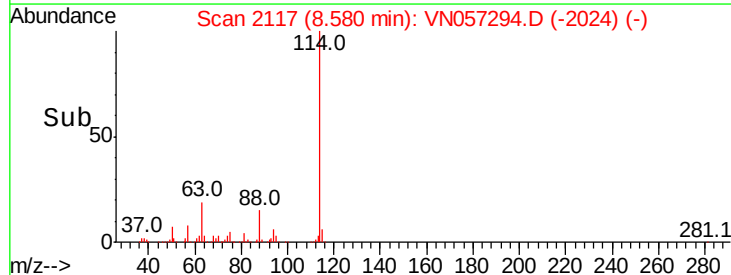
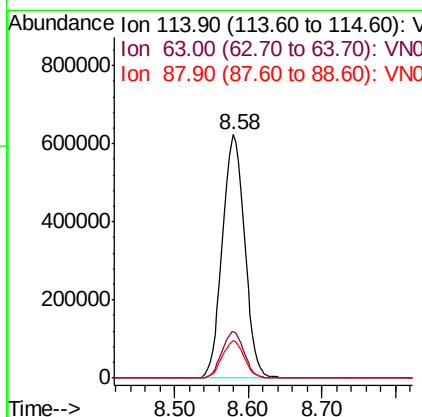
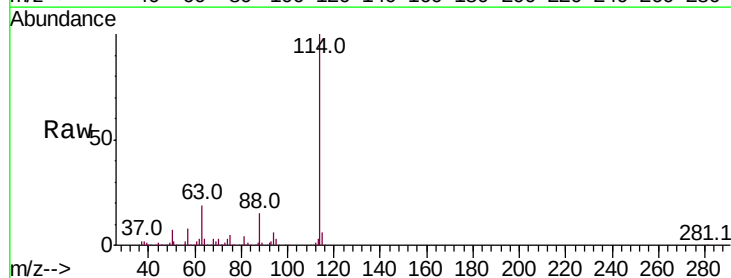
Instrument :
 MSVOA_N
 ClientSampleId :

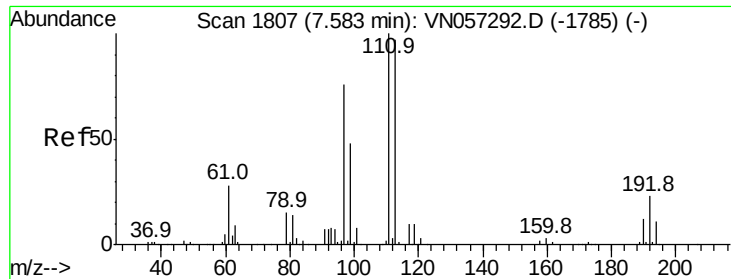
Tot Ion: 65 Resp: 1404959
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057294.D
 Acq: 14 Aug 2019 18:16

Tgt Ion: 114 Resp: 1310299
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.8
 88 15.5 0.0 31.4

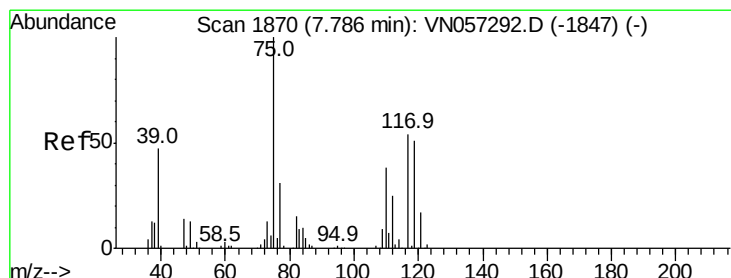
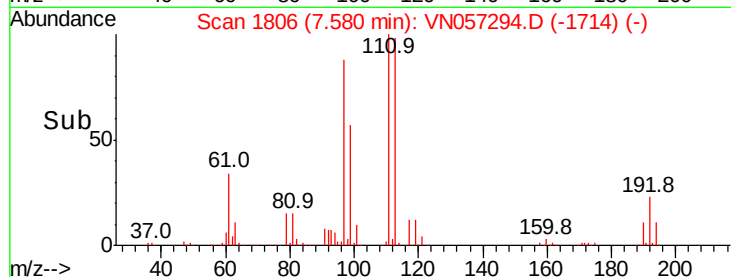
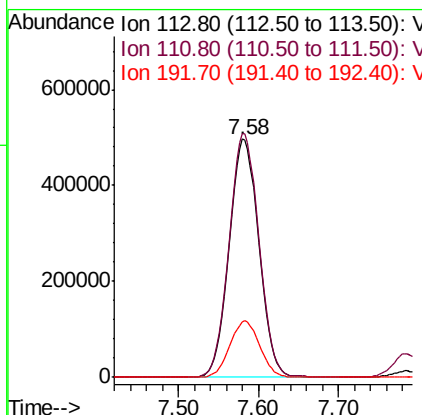
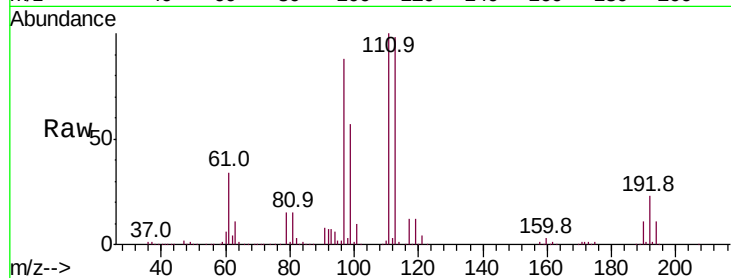




#35
 Dibromofluoromethane
 Concen: 150.708 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN057294.D
 Acq: 14 Aug 2019 18:16

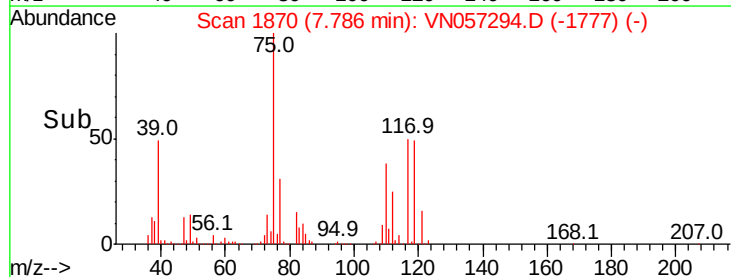
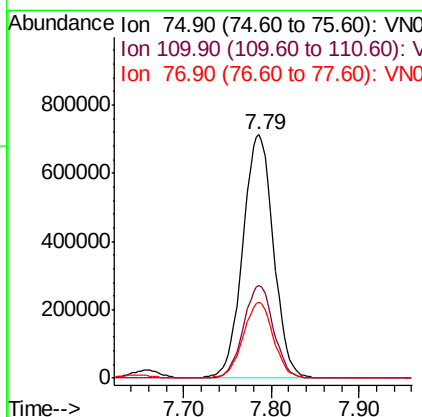
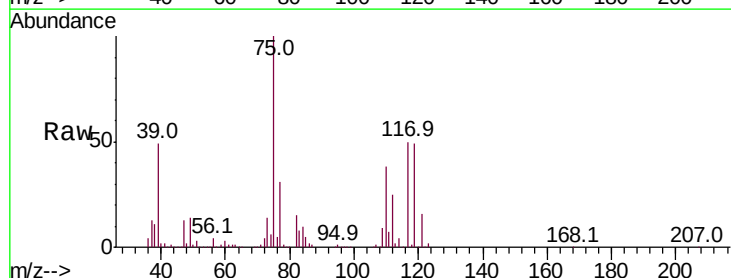
Instrument :
 MSVOA_N
 ClientSampleId :

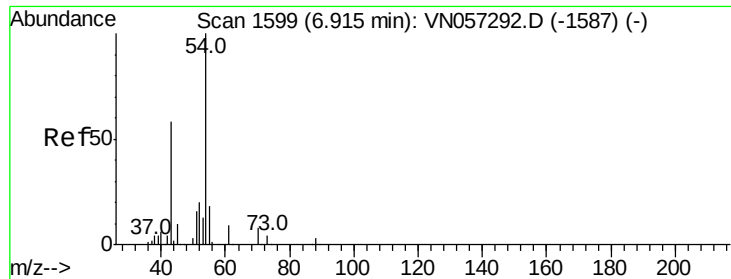
Tot Ion:113 Resp: 1249699
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.1 123.1
 192 23.7 19.3 28.9



#36
 1,1-Dichloropropene
 Concen: 151.554 ug/l
 RT: 7.79 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN057294.D
 Acq: 14 Aug 2019 18:16

Tgt Ion: 75 Resp: 1723600
 Ion Ratio Lower Upper
 75 100
 110 37.6 19.5 58.5
 77 30.9 25.0 37.6

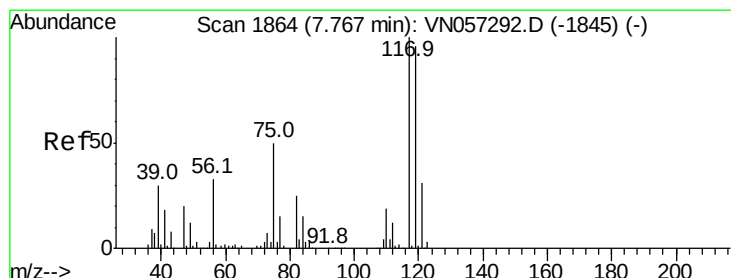
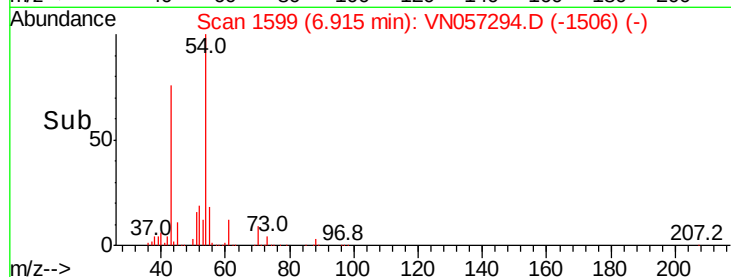
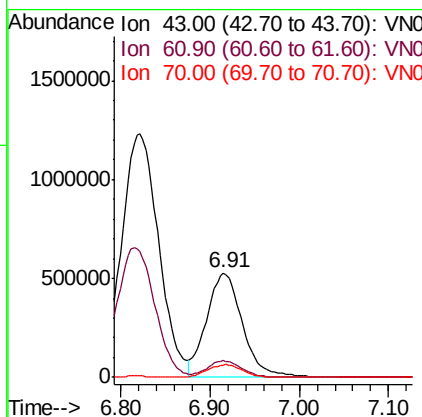
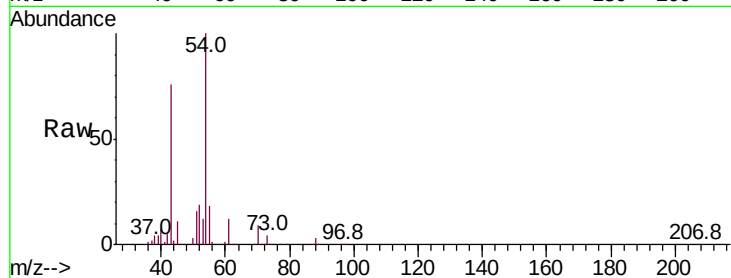




#37
Ethyl Acetate
Concen: 157.021 ug/l
RT: 6.91 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN057294.D
Acq: 14 Aug 2019 18:16

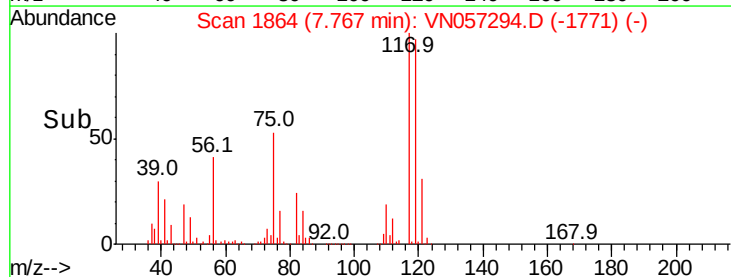
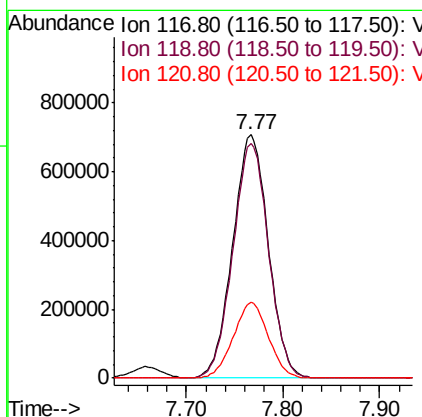
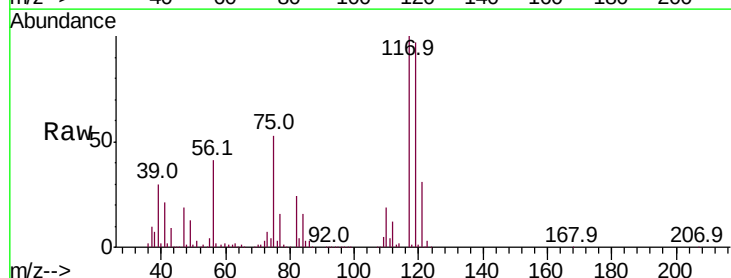
Instrument :
MSVOA_N
ClientSampled :

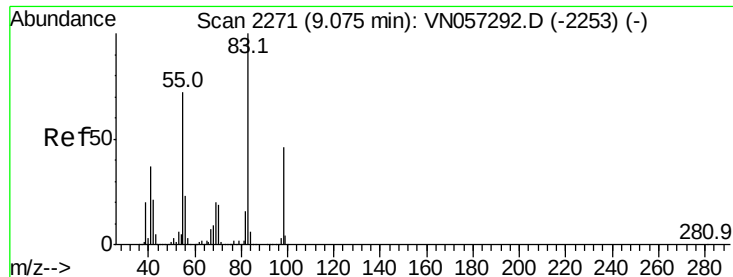
Tot Ion: 43 Resp: 1462010
Ion Ratio Lower Upper
43 100
61 15.3 12.0 18.0
70 11.8 9.2 13.8



#38
Carbon Tetrachloride
Concen: 149.412 ug/l
RT: 7.77 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN057294.D
Acq: 14 Aug 2019 18:16

Tgt Ion: 117 Resp: 1807291
Ion Ratio Lower Upper
117 100
119 96.5 76.8 115.2
121 31.0 25.0 37.4

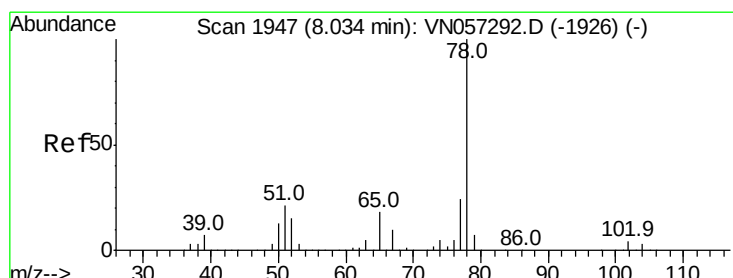
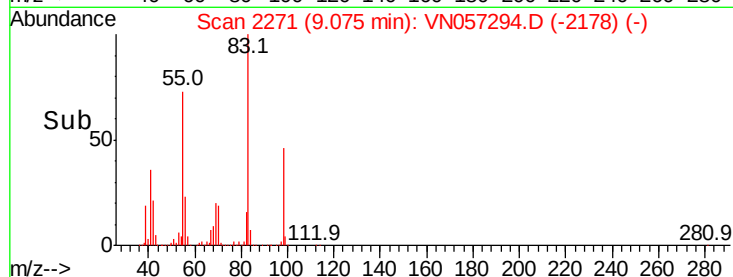
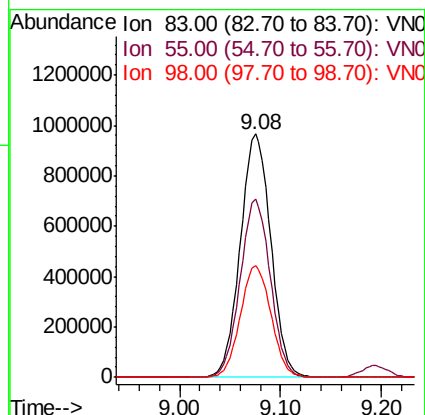
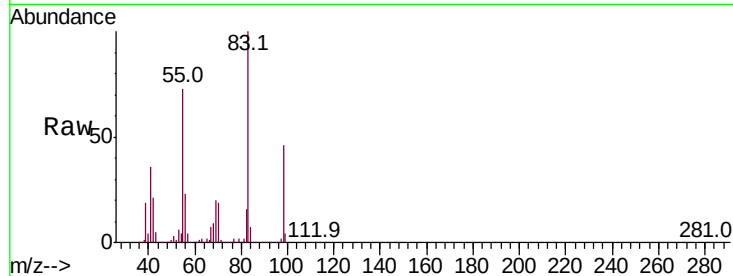




#39
Methylvlcyclohexane
Concen: 150.597 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VN057294.D
Acq: 14 Aug 2019 18:16

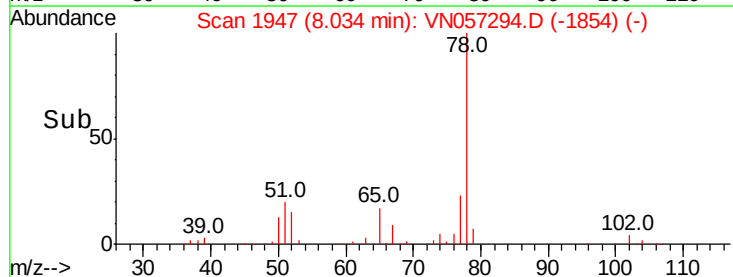
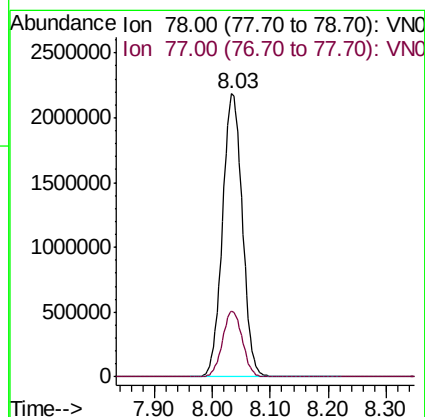
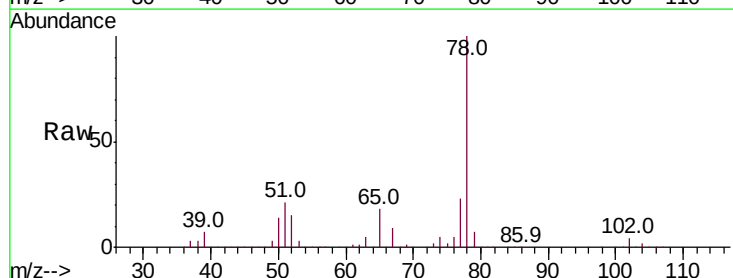
Instrument :
MSVOA_N
ClientSampleId :

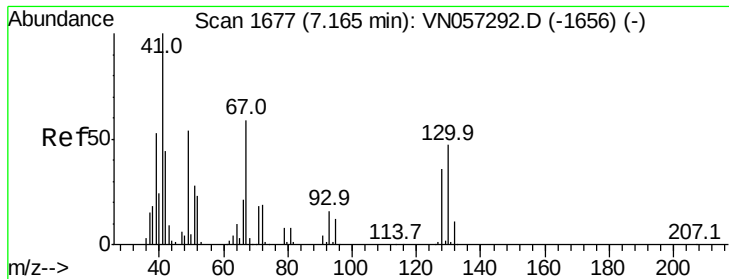
Tot Ion: 83 Resp: 2024666
Ion Ratio Lower Upper
83 100
55 73.1 57.5 86.3
98 45.9 36.6 55.0



#40
Benzene
Concen: 148.824 ug/l
RT: 8.03 min Scan# 1947
Delta R.T. 0.00 min
Lab File: VN057294.D
Acq: 14 Aug 2019 18:16

Tgt Ion: 78 Resp: 5173190
Ion Ratio Lower Upper
78 100
77 23.2 19.1 28.7



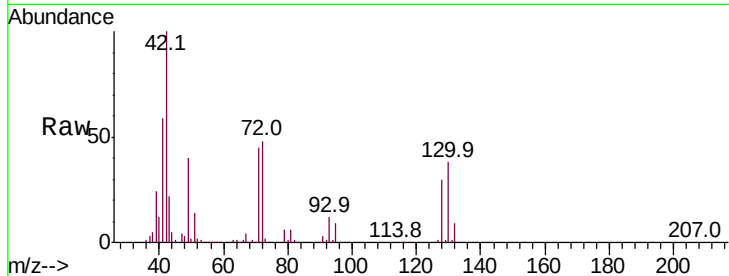


#41
Methacrylonitrile
Concen: 522.426 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.03 min
Lab File: VN057294.D
Acq: 14 Aug 2019 18:16

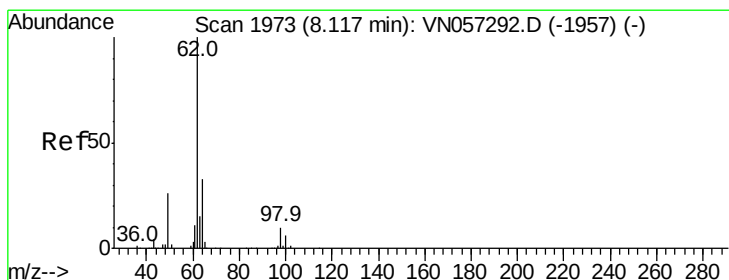
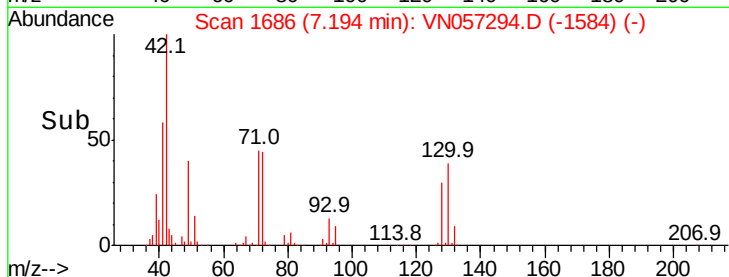
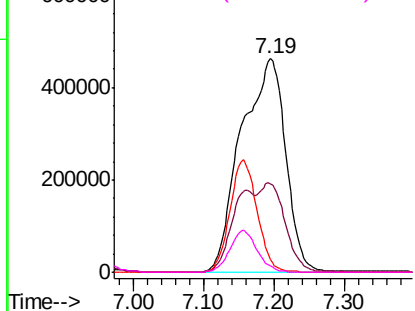
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 2031966

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



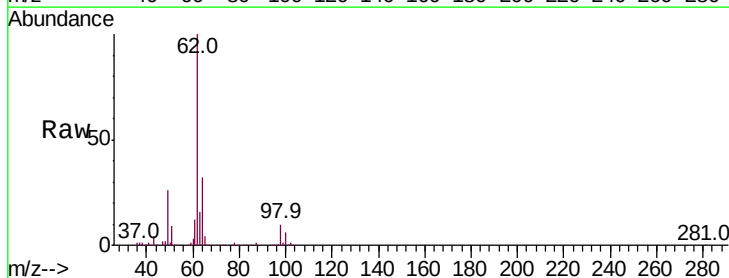
Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC



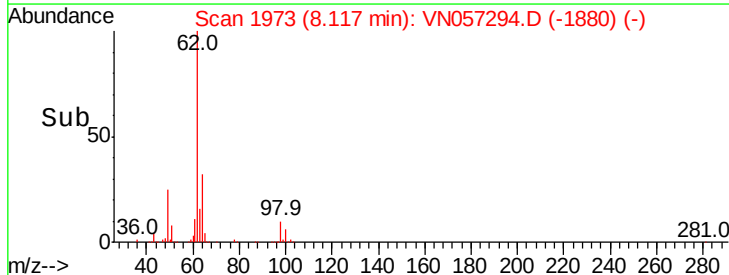
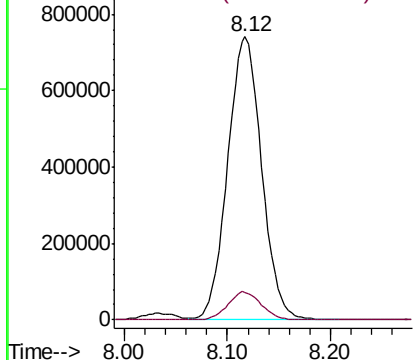
#42
1,2-Dichloroethane
Concen: 151.741 ug/l
RT: 8.12 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN057294.D
Acq: 14 Aug 2019 18:16

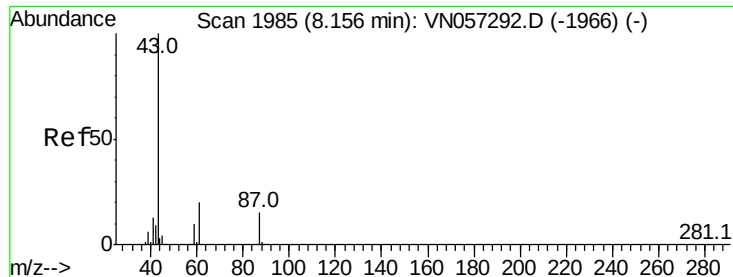
Tgt Ion: 62 Resp: 1694356

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.4



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





#43

Isopropyl Acetate

Concen: 165.521 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

Instrument :

MSVOA_N

ClientSampled :

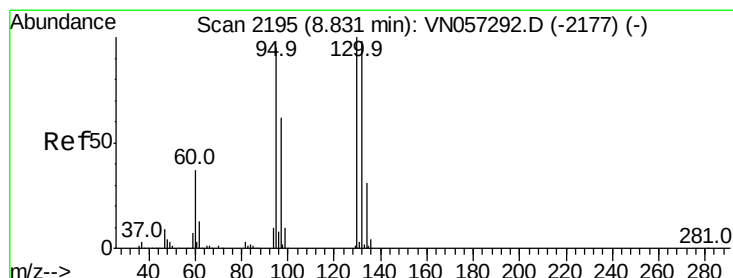
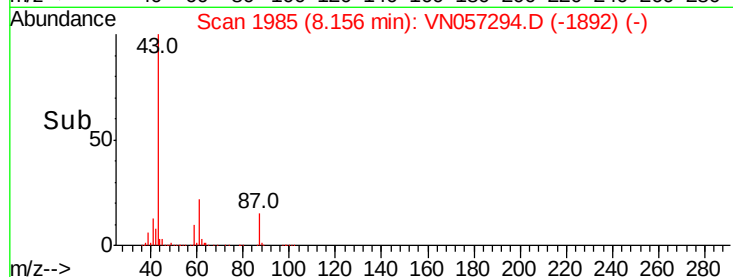
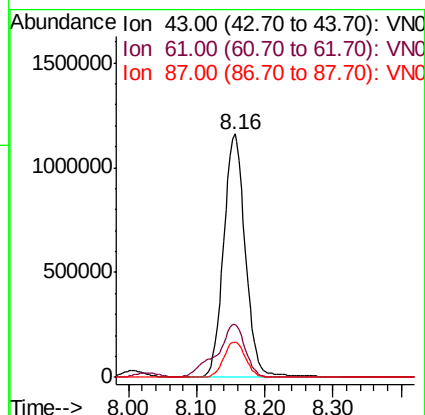
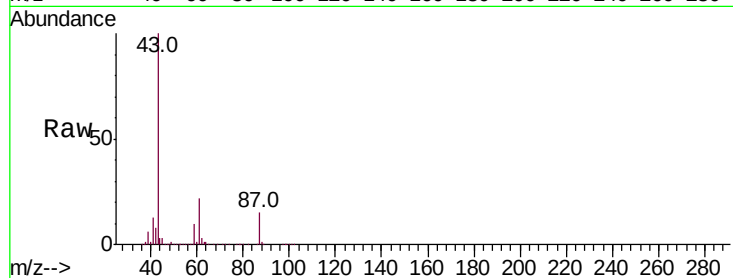
Tot Ion: 43 Resp: 2561322

Ion Ratio Lower Upper

43 100

61 28.1 21.6 32.4

87 14.6 11.4 17.0



#44

Trichloroethene

Concen: 146.126 ug/l

RT: 8.83 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VN057294.D

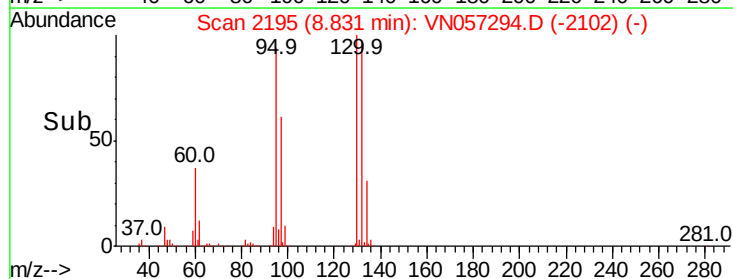
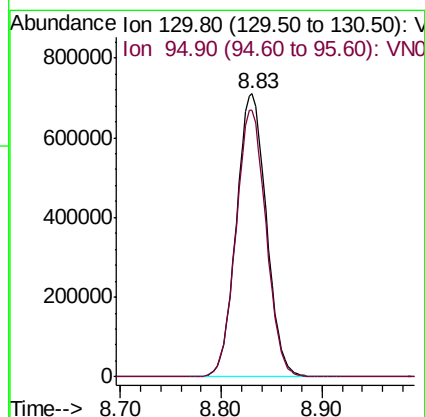
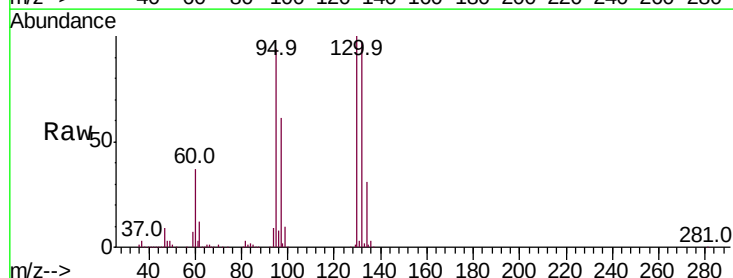
Acq: 14 Aug 2019 18:16

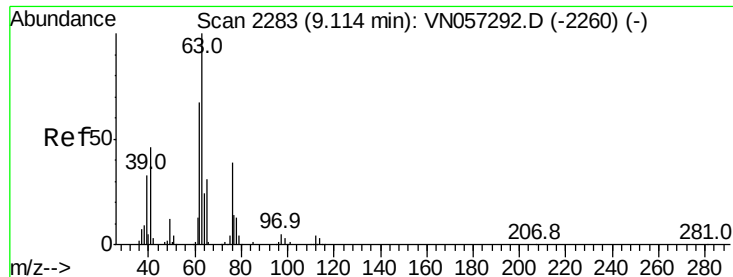
Tgt Ion:130 Resp: 1463725

Ion Ratio Lower Upper

130 100

95 94.4 0.0 189.2





#45

1,2-Dichloropropane

Concen: 153.788 ug/l

RT: 9.11 min Scan# 2283

Delta R.T. 0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

Instrument :

MSVOA_N

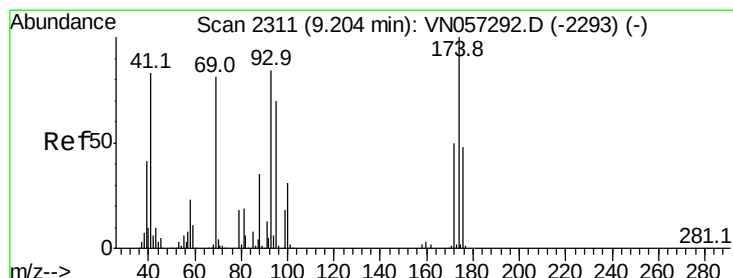
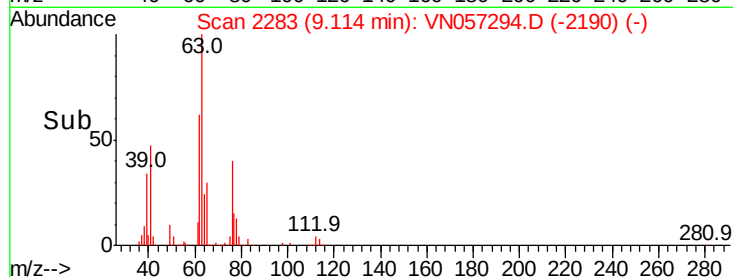
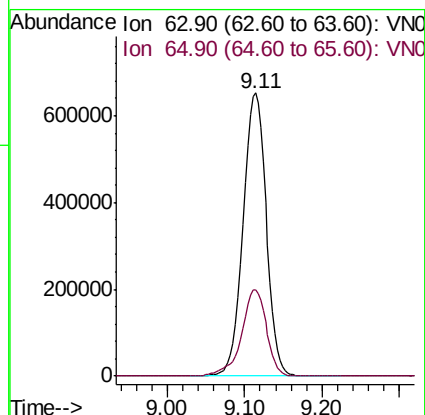
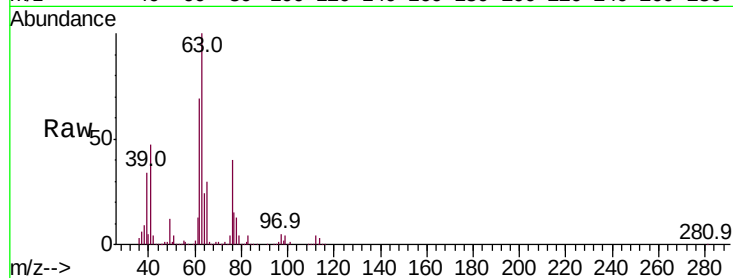
ClientSampleId :

Tot Ion: 63 Resp: 1356517

Ion Ratio Lower Upper

63 100

65 30.4 24.8 37.2



#46

Dibromomethane

Concen: 149.510 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

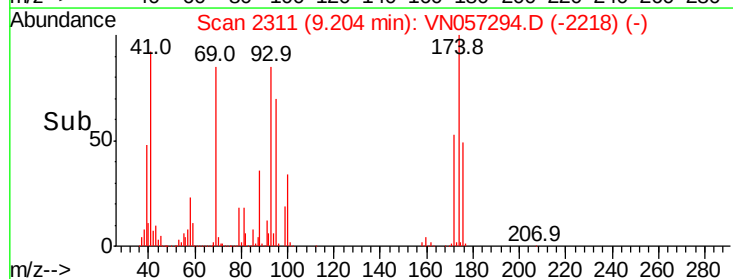
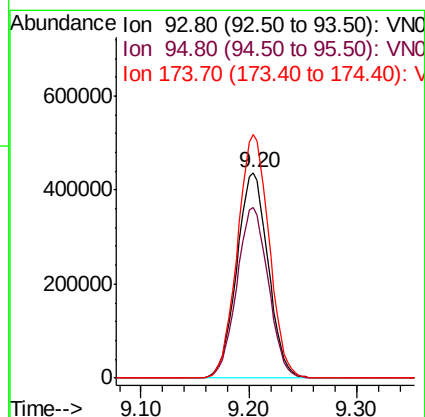
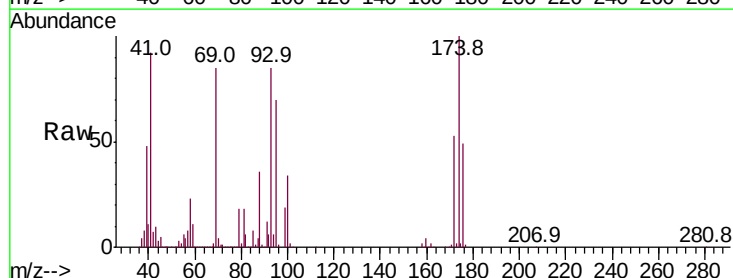
Tgt Ion: 93 Resp: 886856

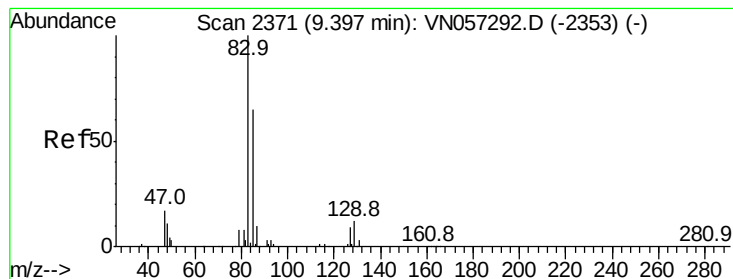
Ion Ratio Lower Upper

93 100

95 83.3 66.5 99.7

174 119.5 95.7 143.5





#47

Bromodichloromethane

Concen: 160.091 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

Instrument :

MSVOA_N

ClientSampleId :

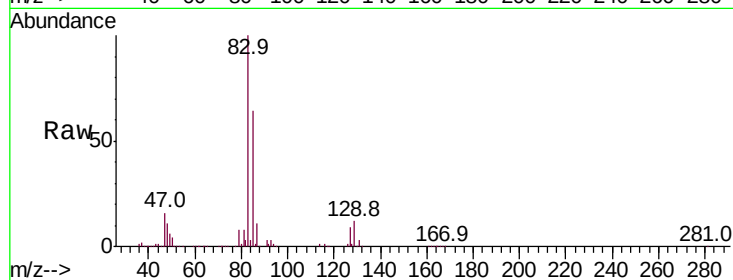
Tot Ion: 83 Resp: 1834562

Ion Ratio Lower Upper

83 100

85 64.4 51.9 77.9

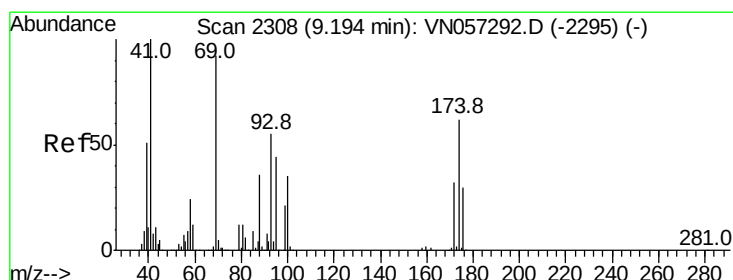
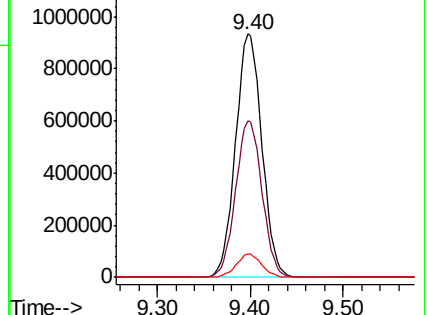
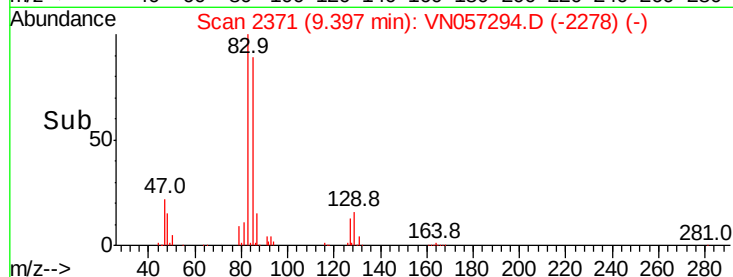
127 9.4 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN057292.D (-2353) (-)

Ion 84.90 (84.60 to 85.60): VN057292.D (-2353) (-)

Ion 126.80 (126.50 to 127.50): VN057292.D (-2353) (-)



#48

Methyl methacrylate

Concen: 170.213 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

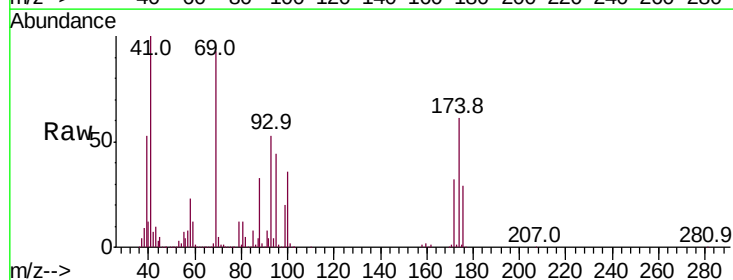
Tgt Ion: 41 Resp: 1207900

Ion Ratio Lower Upper

41 100

69 95.4 75.9 113.9

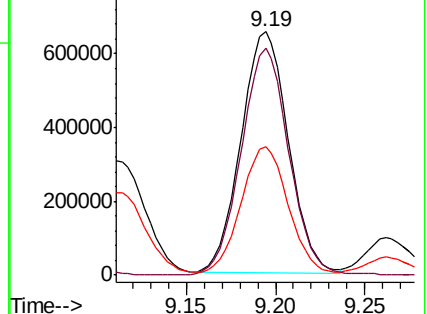
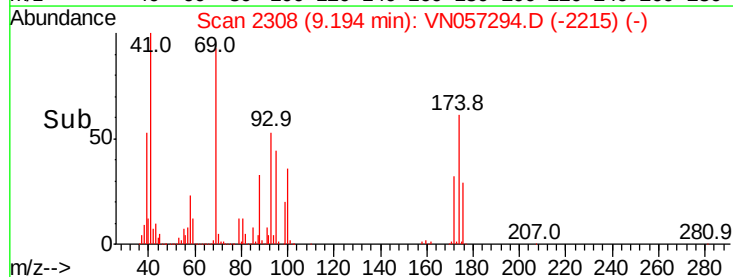
39 53.7 42.3 63.5

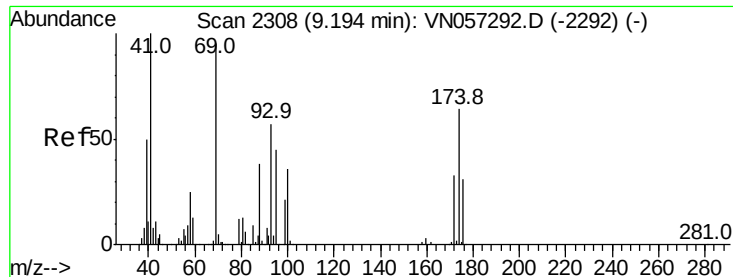


Abundance Ion 41.00 (40.70 to 41.70): VN057292.D (-2295) (-)

Ion 69.00 (68.70 to 69.70): VN057292.D (-2295) (-)

Ion 39.00 (38.70 to 39.70): VN057292.D (-2295) (-)

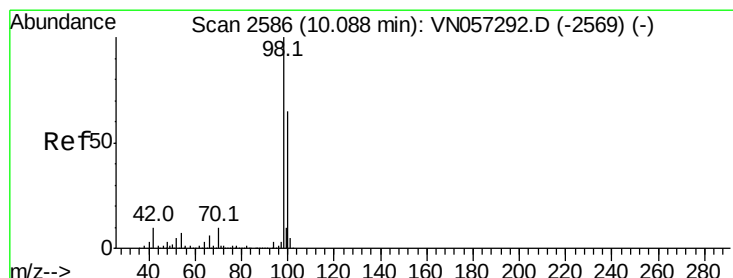
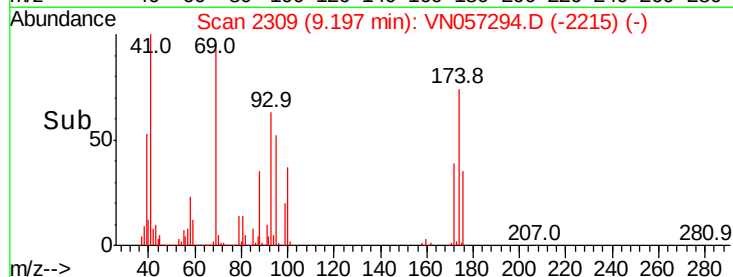
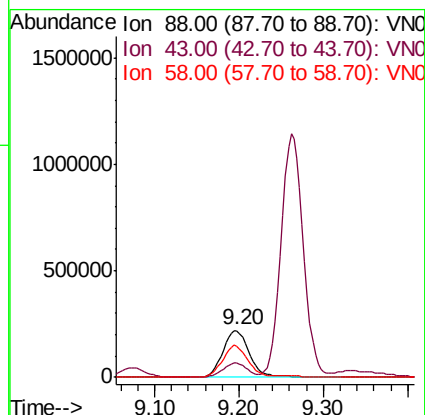
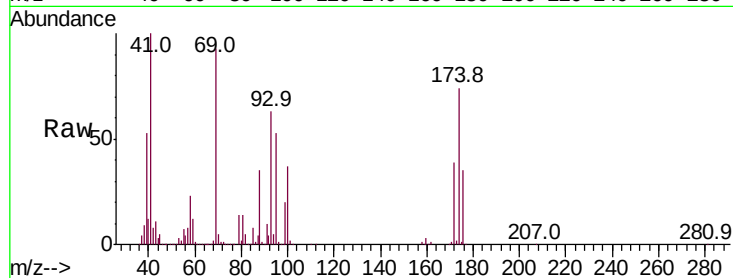




#49
1,4-Dioxane
Concen: 3042.632 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN057294.D
Acq: 14 Aug 2019 18:16

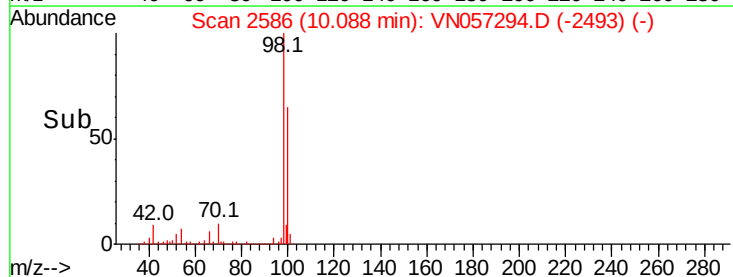
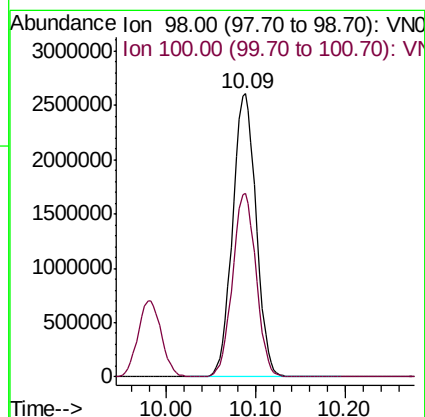
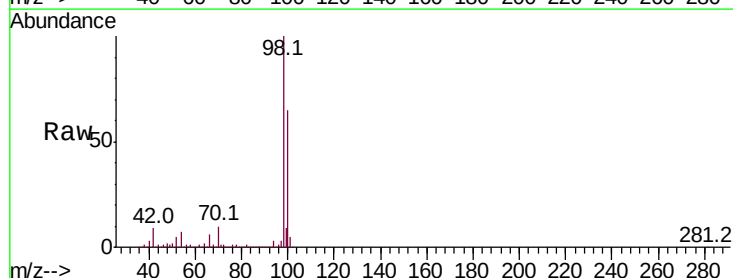
Instrument :
MSVOA_N
ClientSampleId :

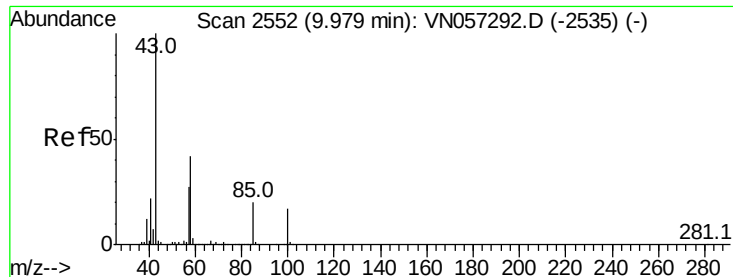
Tot Ion: 88 Resp: 484958
Ion Ratio Lower Upper
88 100
43 27.8 22.9 34.3
58 64.8 52.7 79.1



#50
Toluene-d8
Concen: 157.351 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057294.D
Acq: 14 Aug 2019 18:16

Tgt Ion: 98 Resp: 4758120
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 834.510 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

Instrument :

MSVOA_N

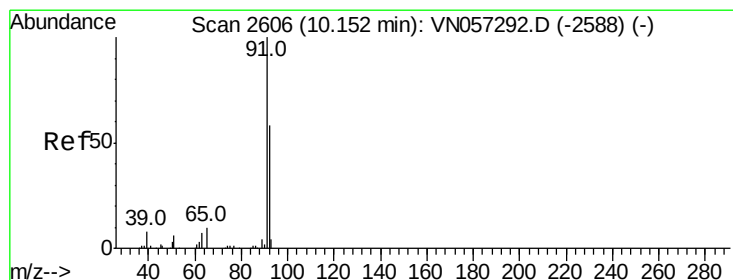
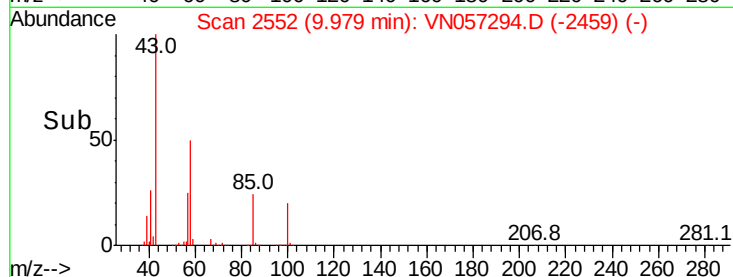
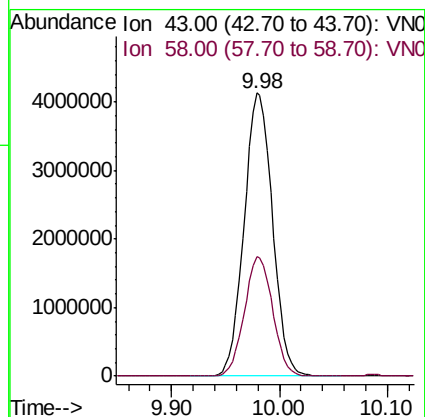
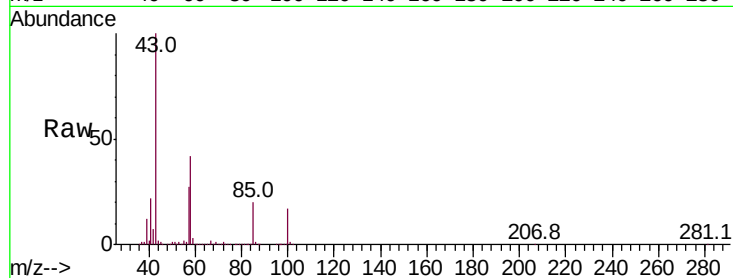
ClientSampled :

Tot Ion: 43 Resp: 7520522

Ion Ratio Lower Upper

43 100

58 42.0 33.2 49.8



#52

Toluene

Concen: 153.434 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN057294.D

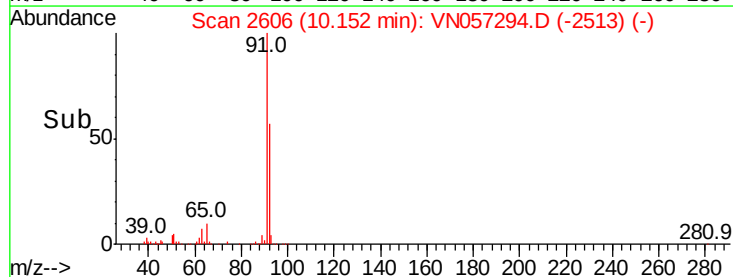
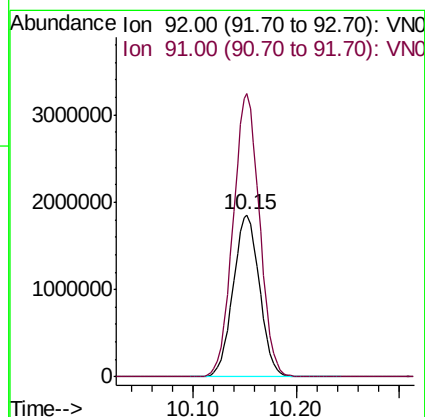
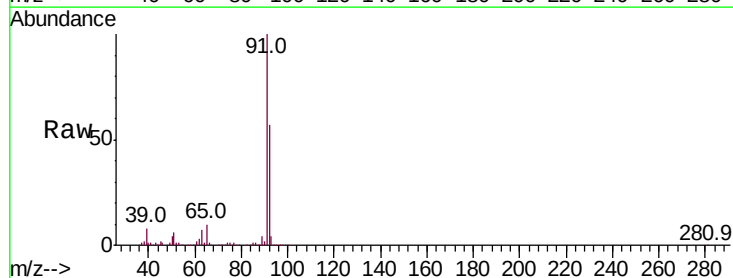
Acq: 14 Aug 2019 18:16

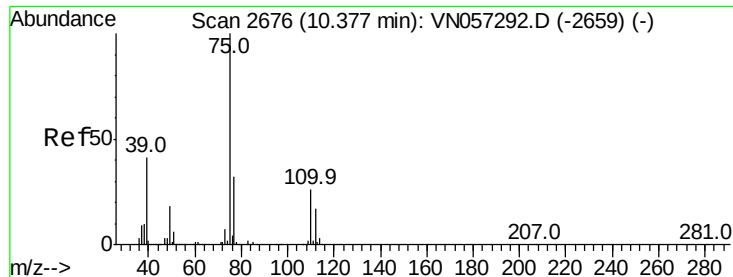
Tgt Ion: 92 Resp: 3309027

Ion Ratio Lower Upper

92 100

91 174.4 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 168.863 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

Instrument :

MSVOA_N

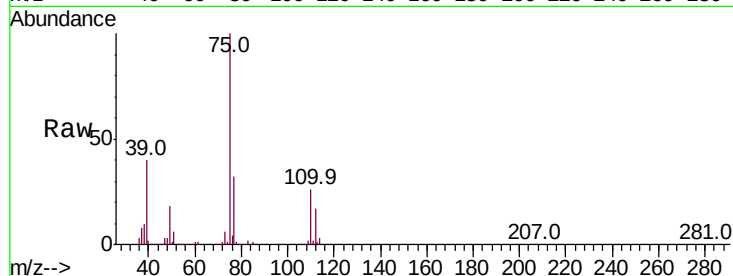
ClientSampled :

Tot Ion: 75 Resp: 2069408

Ion Ratio Lower Upper

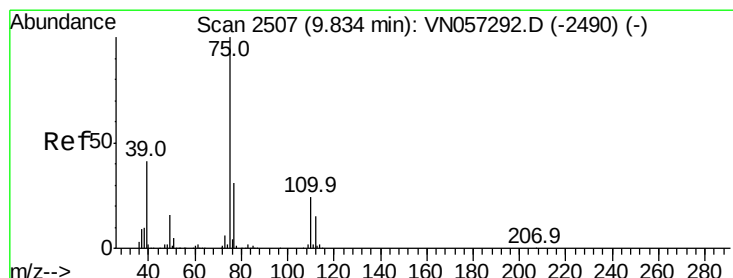
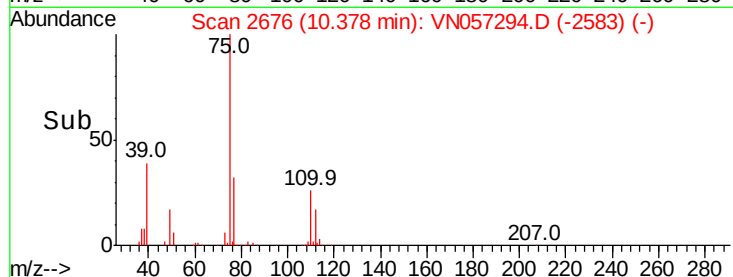
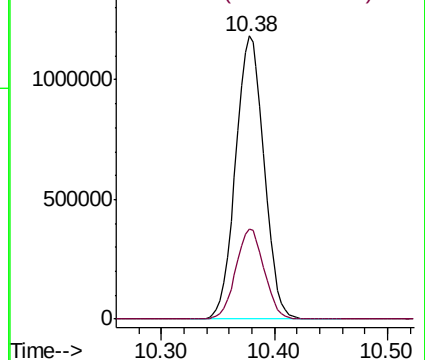
75 100

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: 161.508 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

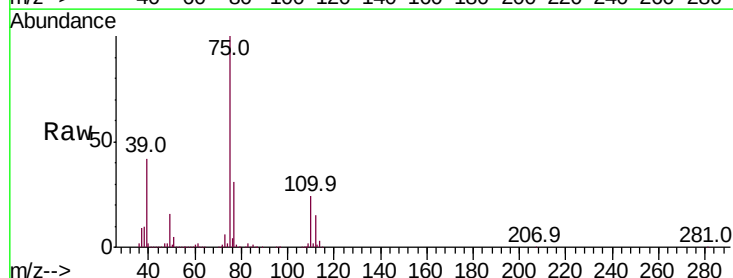
Tgt Ion: 75 Resp: 2229889

Ion Ratio Lower Upper

75 100

77 31.2 24.9 37.3

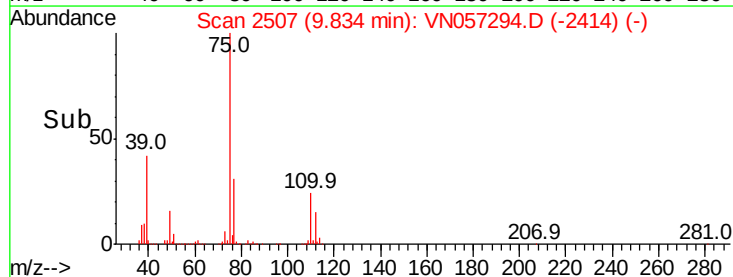
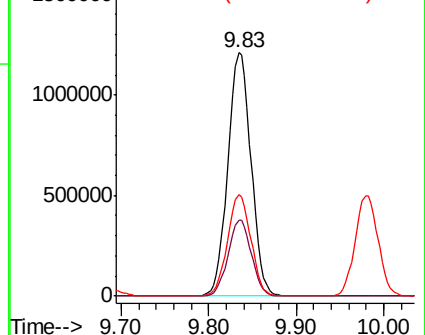
39 41.7 32.7 49.1

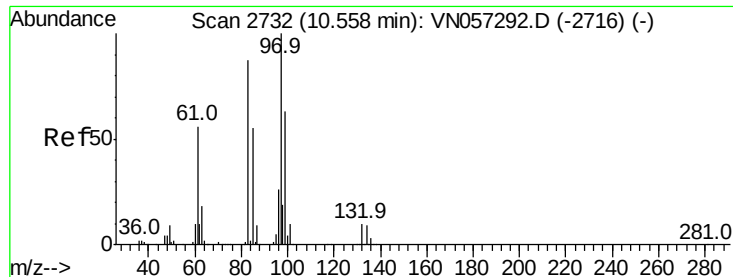


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 152.344 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 1289556

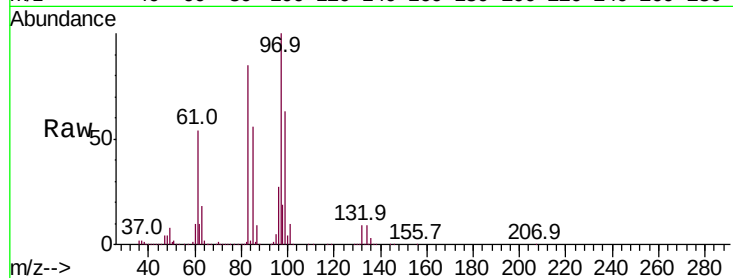
Ion	Ratio	Lower	Upper
97	100		
83	85.1	69.8	104.8
85	55.6	44.1	66.1
99	63.3	50.2	75.2

97 100

83 85.1 69.8 104.8

85 55.6 44.1 66.1

99 63.3 50.2 75.2



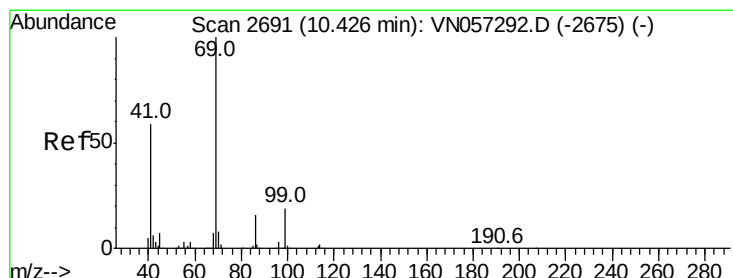
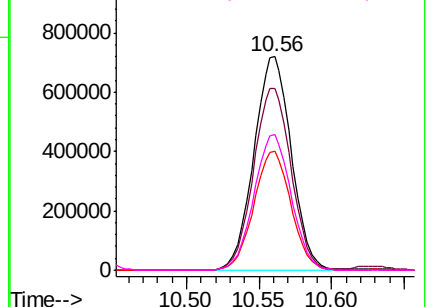
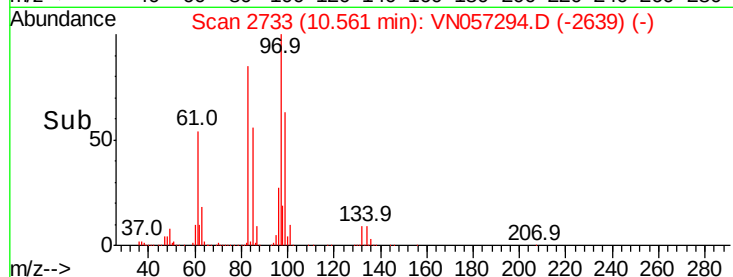
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 174.078 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

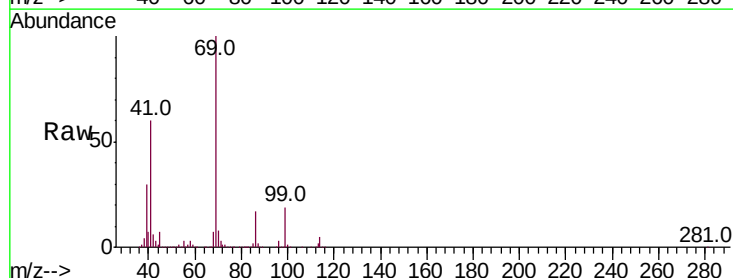
Tgt Ion: 69 Resp: 2079862

Ion	Ratio	Lower	Upper
69	100		
41	59.5	48.2	72.2
39	29.3	23.4	35.0

69 100

41 59.5 48.2 72.2

39 29.3 23.4 35.0

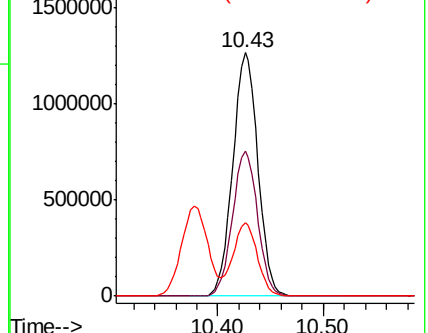
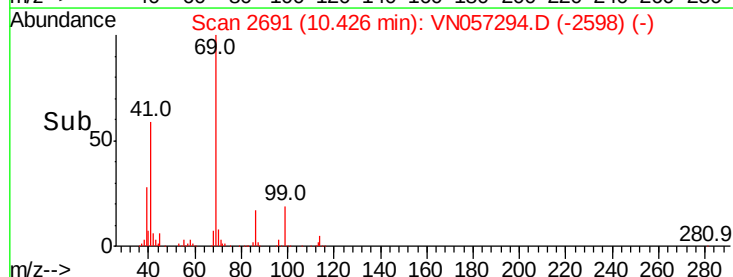


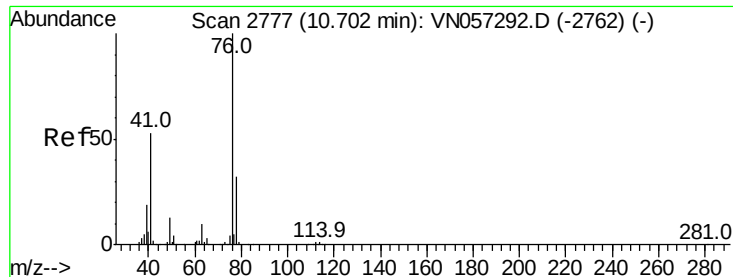
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 153.809 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

Instrument :

MSVOA_N

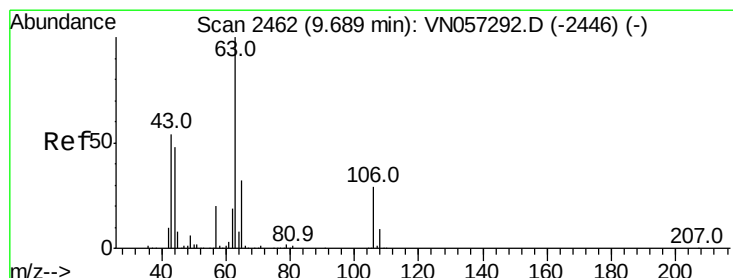
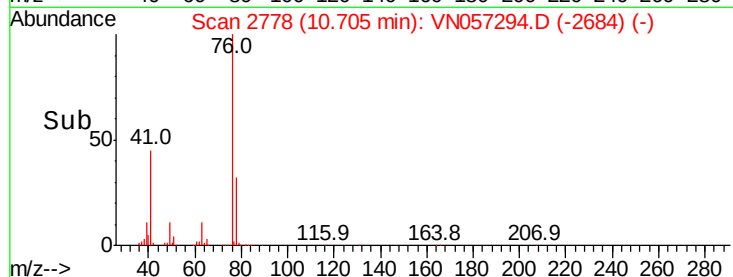
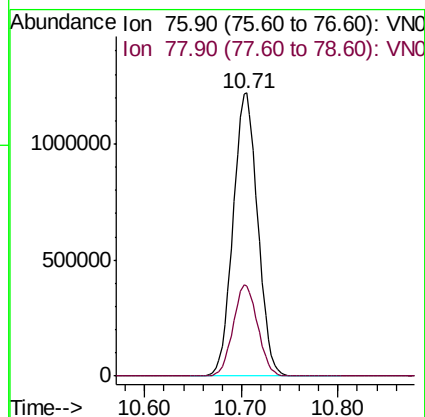
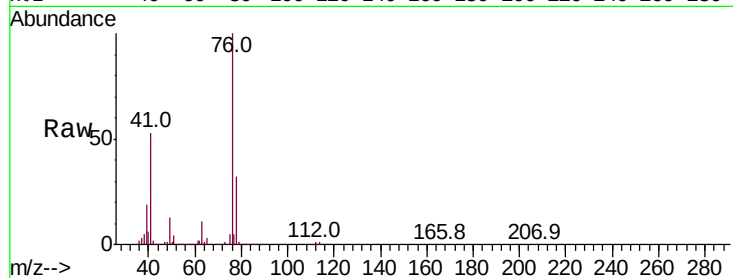
ClientSampled :

Tot Ion: 76 Resp: 2149703

Ion Ratio Lower Upper

76 100

78 32.3 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 998.476 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057294.D

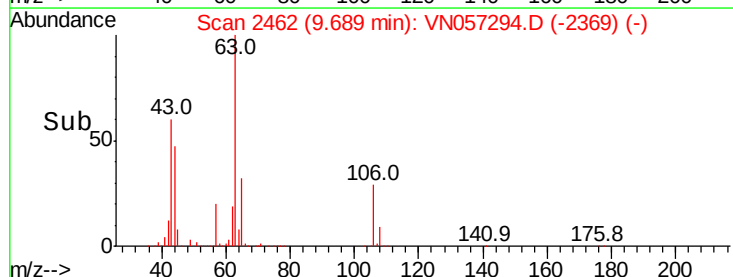
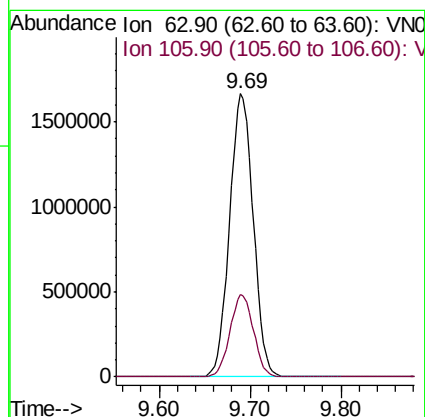
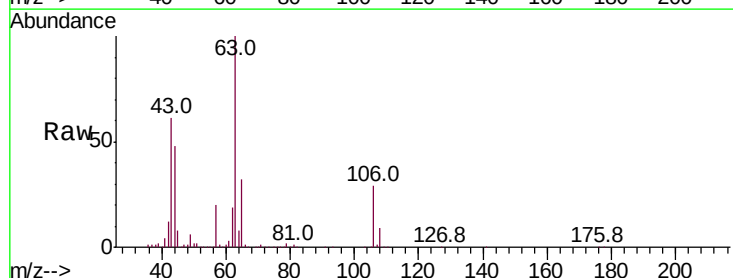
Acq: 14 Aug 2019 18:16

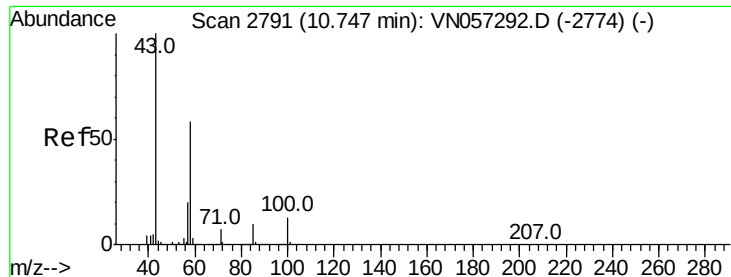
Tgt Ion: 63 Resp: 3000135

Ion Ratio Lower Upper

63 100

106 28.9 23.2 34.8

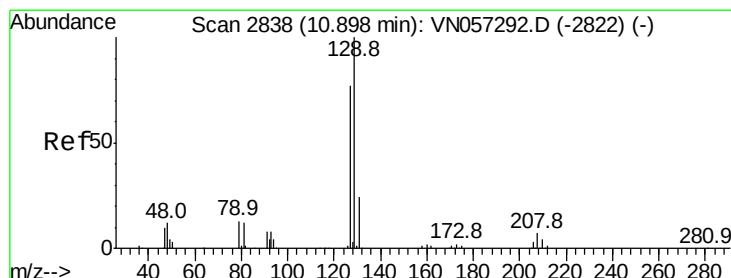
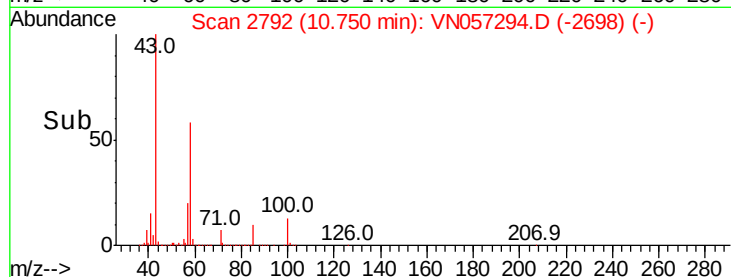
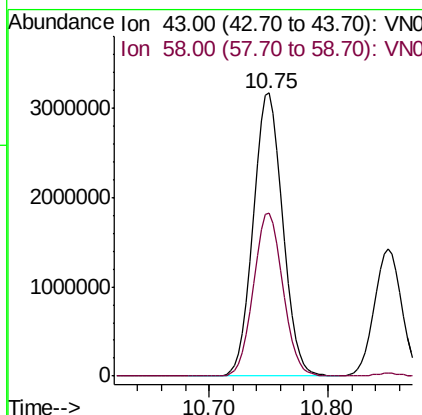
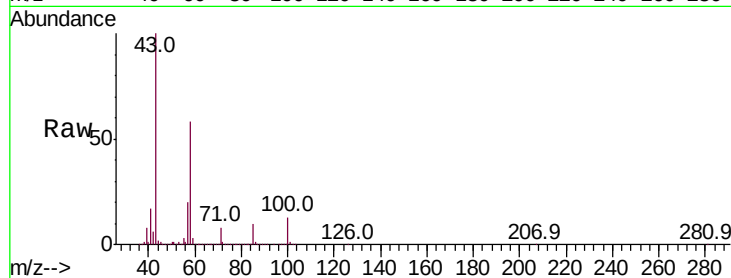




#59
2-Hexanone
Concen: 848.145 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057294.D
Acq: 14 Aug 2019 18:16

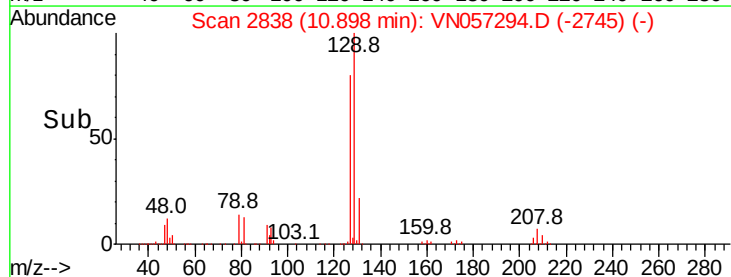
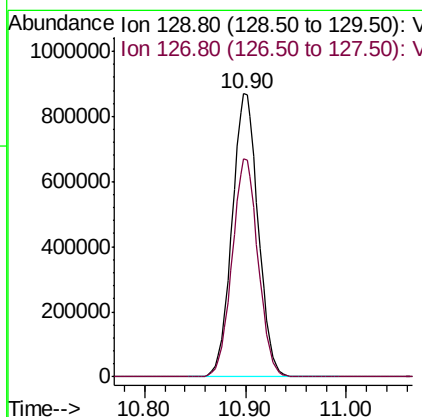
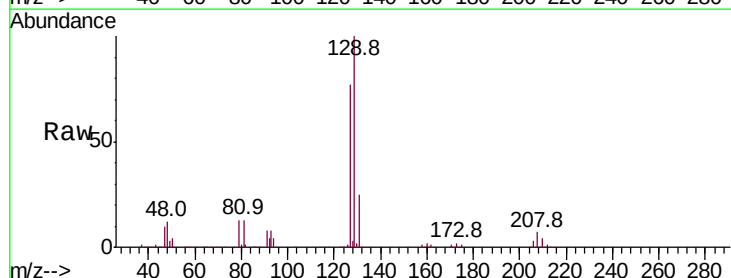
Instrument :
MSVOA_N
ClientSampleId :

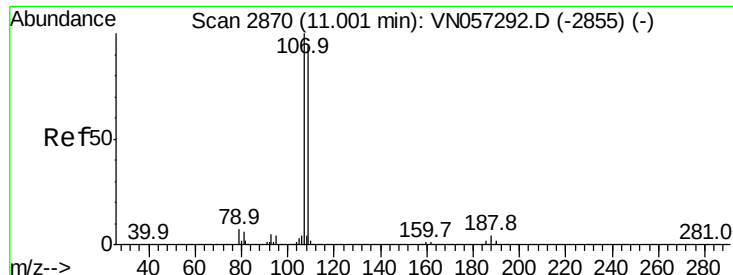
Tot Ion: 43 Resp: 5432185
Ion Ratio Lower Upper
43 100
58 57.6 28.6 85.9



#60
Dibromochloromethane
Concen: 163.949 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN057294.D
Acq: 14 Aug 2019 18:16

Tgt Ion: 129 Resp: 1556865
Ion Ratio Lower Upper
129 100
127 76.7 39.0 116.9





#61

1,2-Dibromoethane

Concen: 158.922 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

Instrument :

MSVOA_N

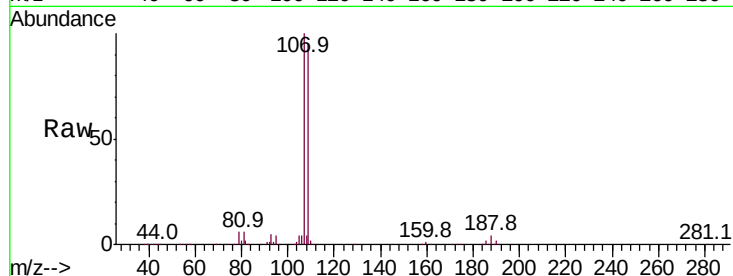
ClientSampleId :

Tot Ion:107 Resp: 1397791

Ion Ratio Lower Upper

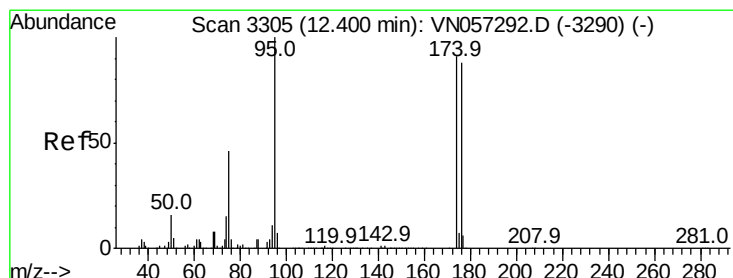
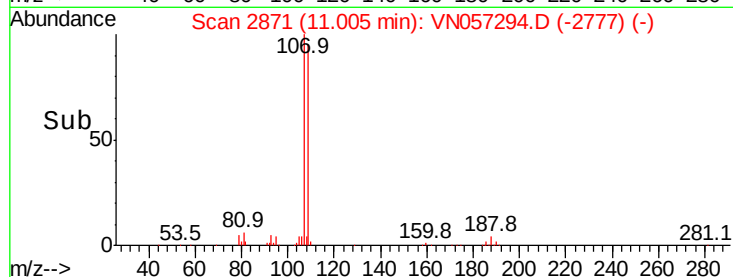
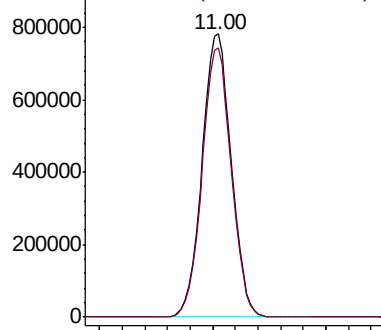
107 100

109 94.9 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 172.656 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

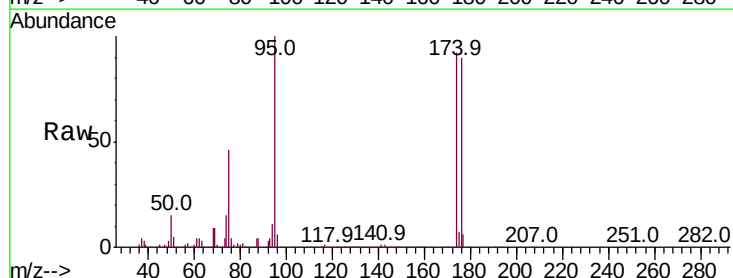
Tgt Ion: 95 Resp: 1800213

Ion Ratio Lower Upper

95 100

174 92.2 0.0 185.0

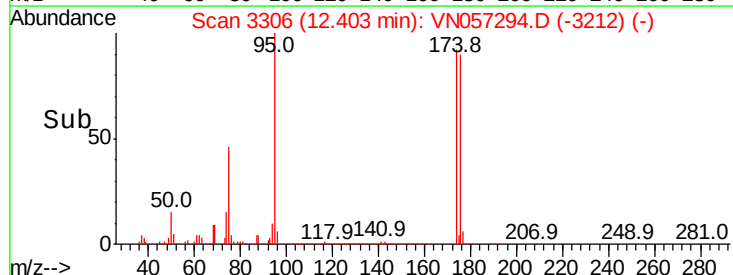
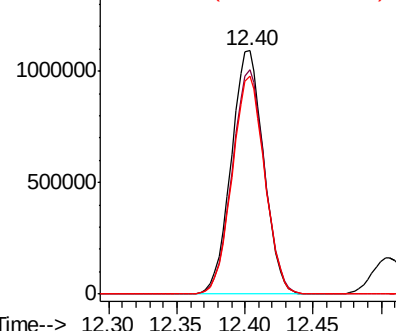
176 89.5 0.0 181.0

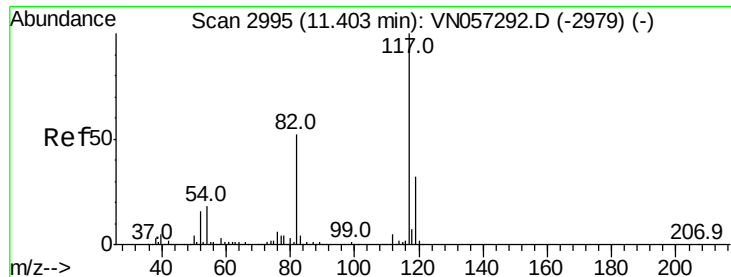


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

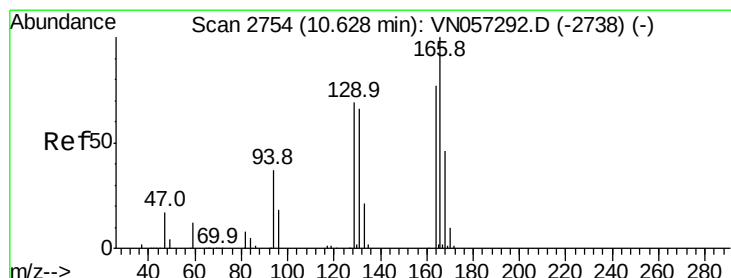
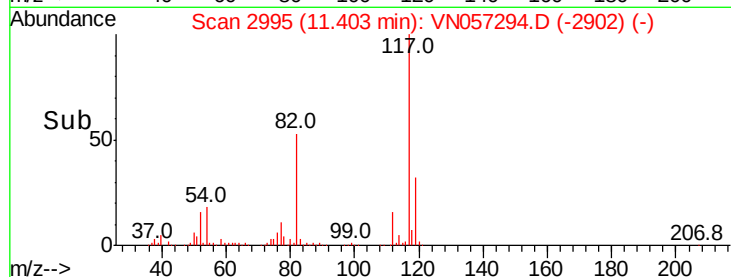
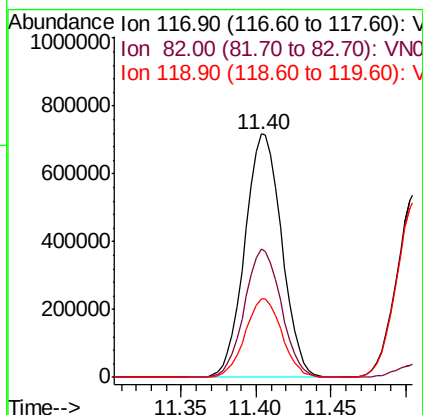
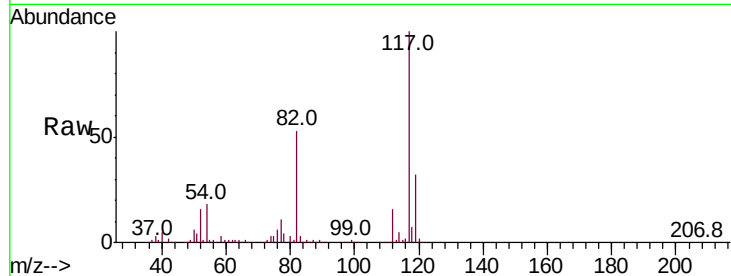




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057294.D
Acq: 14 Aug 2019 18:16

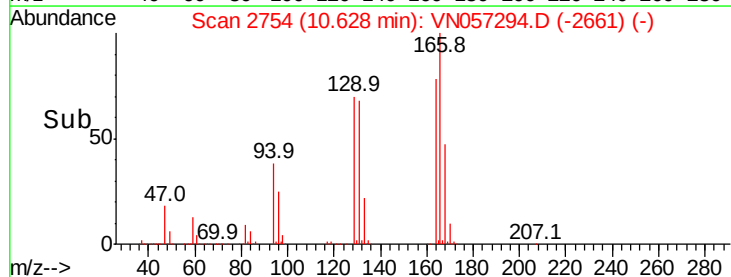
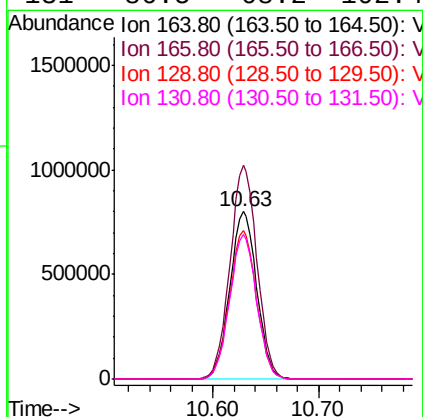
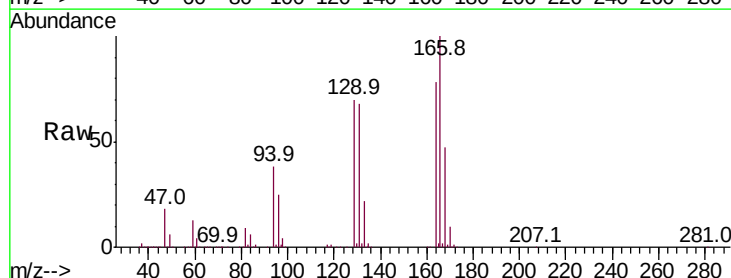
Instrument :
MSVOA_N
ClientSampleId :

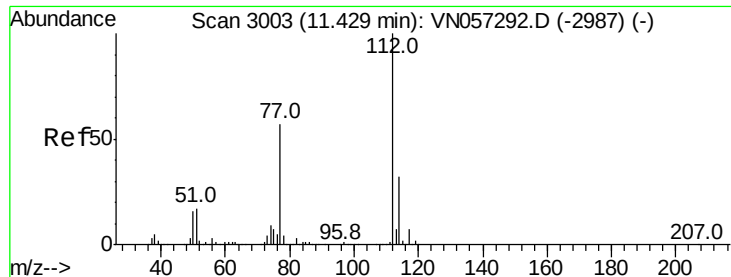
Tot Ion:117 Resp: 1232807
Ion Ratio Lower Upper
117 100
82 52.5 41.2 61.8
119 32.0 25.8 38.8



#64
Tetrachloroethene
Concen: 129.858 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057294.D
Acq: 14 Aug 2019 18:16

Tgt Ion:164 Resp: 1407368
Ion Ratio Lower Upper
164 100
166 127.4 103.5 155.3
129 88.9 71.2 106.8
131 86.5 68.2 102.4

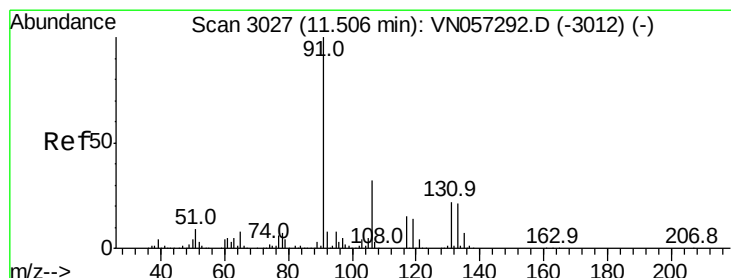
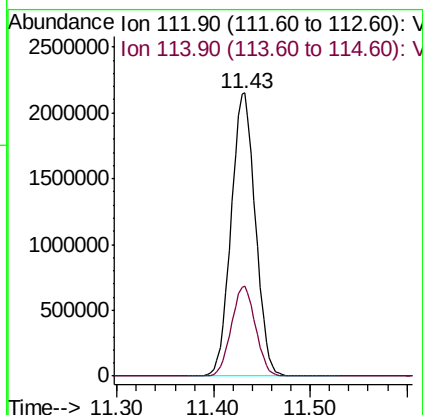
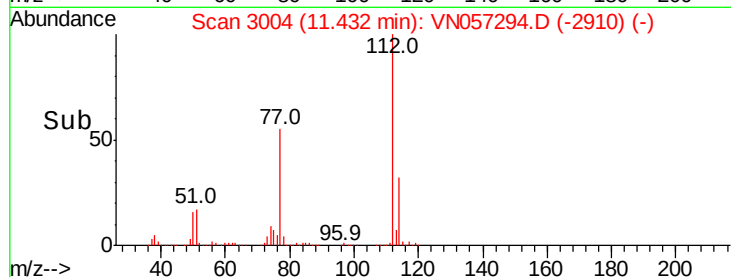
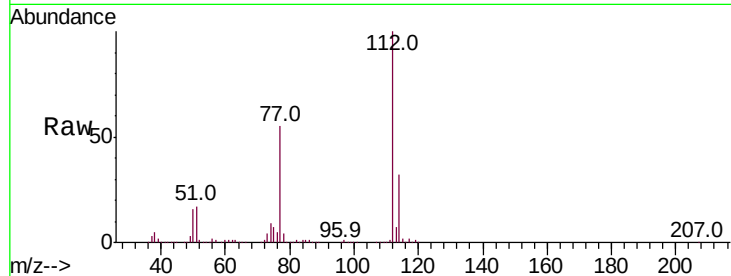




#65
Chlorobenzene
Concen: 148.741 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN057294.D
Acq: 14 Aug 2019 18:16

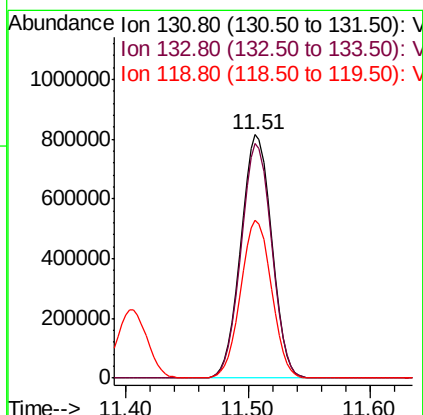
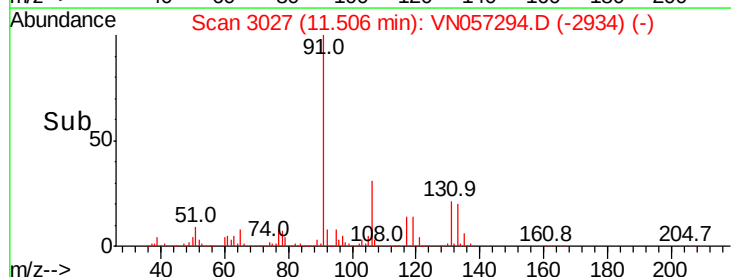
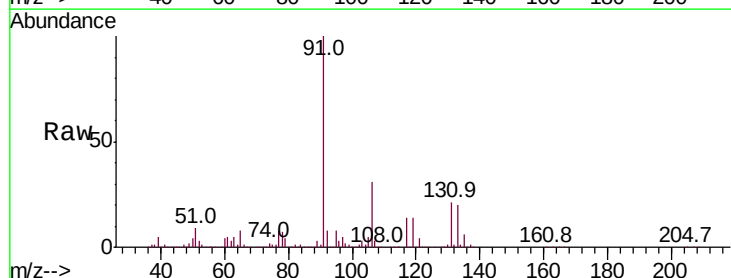
Instrument :
MSVOA_N
ClientSampleId :

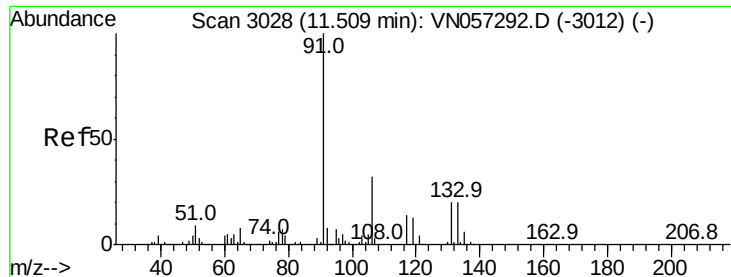
Tot Ion:112 Resp: 3733049
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 146.455 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN057294.D
Acq: 14 Aug 2019 18:16

Tgt Ion:131 Resp: 1419966
Ion Ratio Lower Upper
131 100
133 95.7 47.6 142.8
119 64.7 32.0 96.2





#67

Ethyl Benzene

Concen: 153.675 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

Instrument :

MSVOA_N

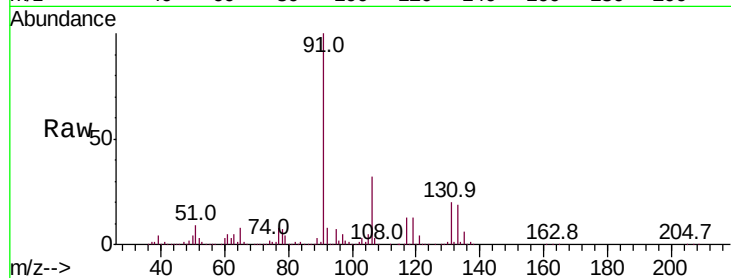
ClientSampled :

Tot Ion: 91 Resp: 6601834

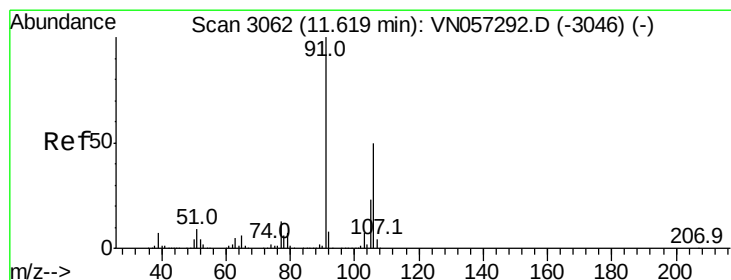
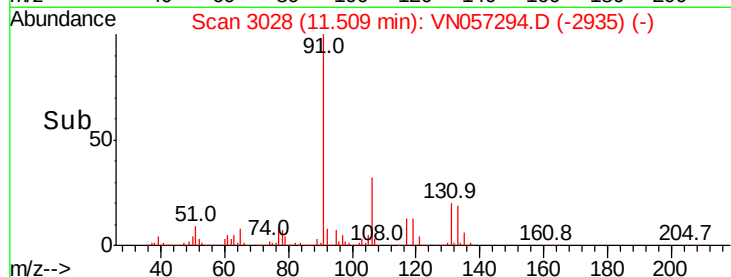
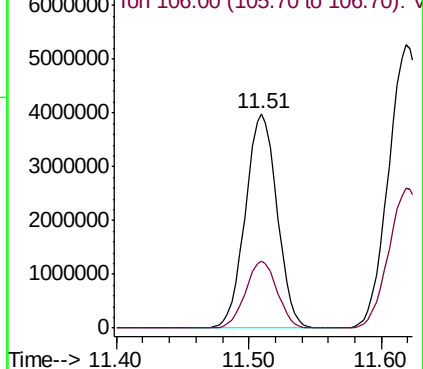
Ion Ratio Lower Upper

91 100

106 31.5 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VN057292.D (-3012) (-)



#68

m/p-Xylenes

Concen: 312.451 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN057294.D

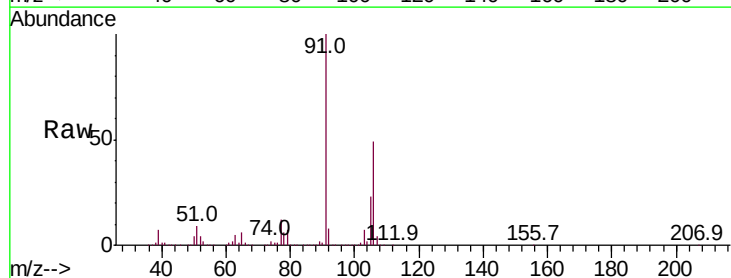
Acq: 14 Aug 2019 18:16

Tgt Ion:106 Resp: 5014112

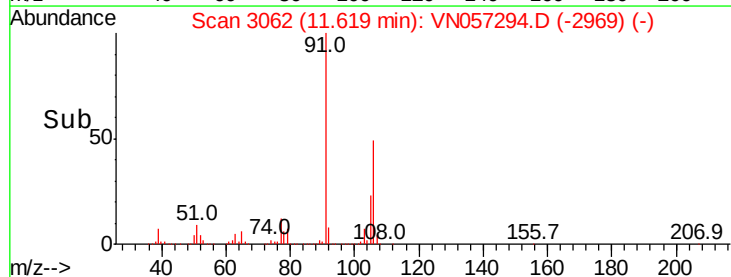
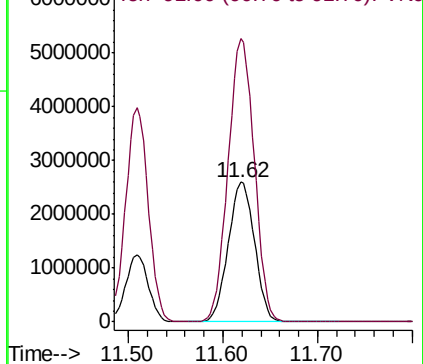
Ion Ratio Lower Upper

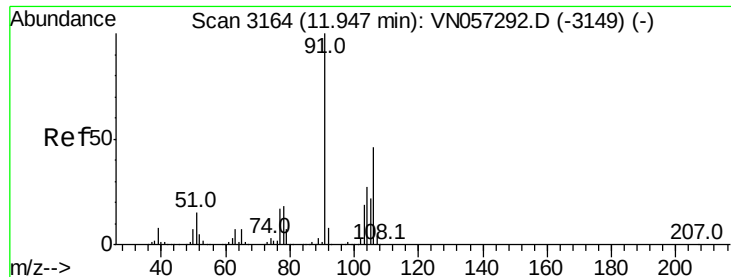
106 100

91 202.0 161.5 242.3



Abundance Ion 106.00 (105.70 to 106.70): VN057292.D (-3046) (-)

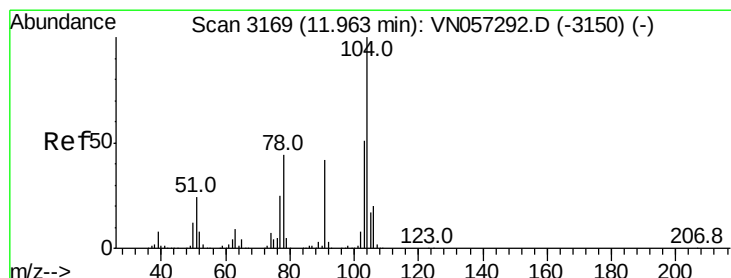
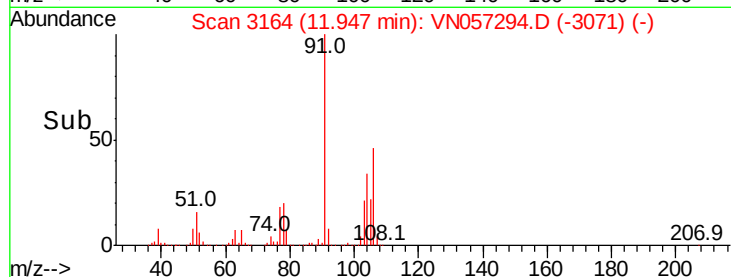
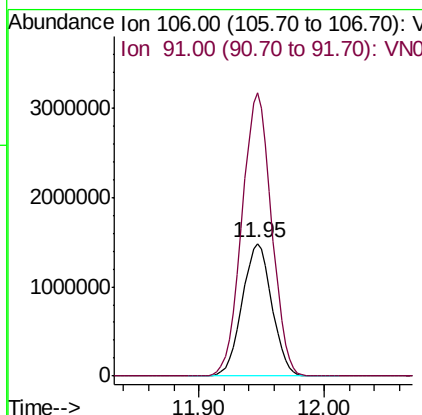
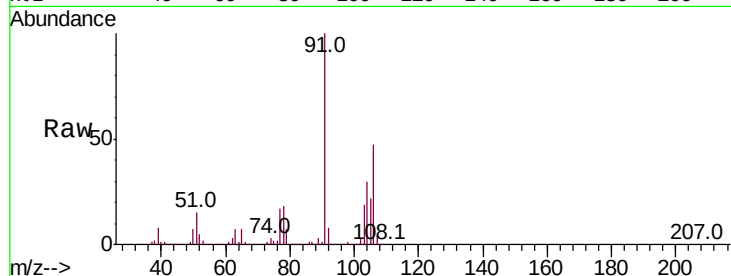




#69
o-Xylene
Concen: 155.012 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057294.D
Acq: 14 Aug 2019 18:16

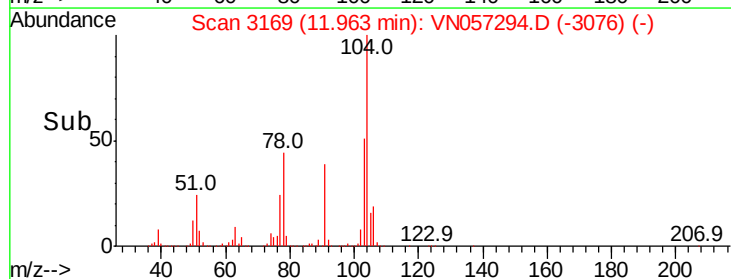
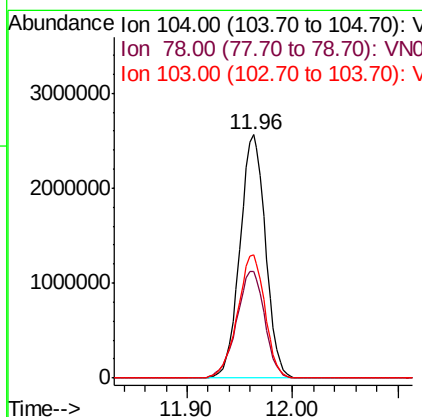
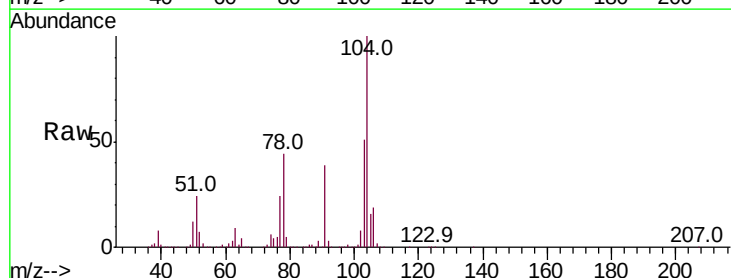
Instrument :
MSVOA_N
ClientSampled :

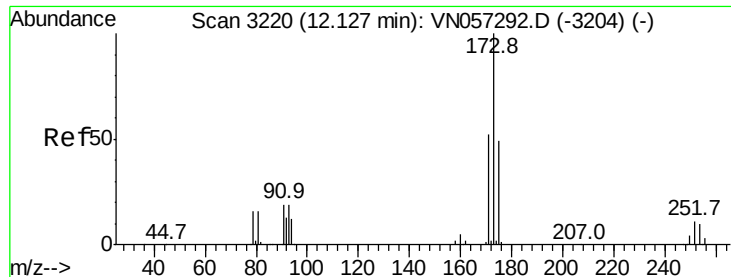
Tot Ion:106 Resp: 2438779
Ion Ratio Lower Upper
106 100
91 213.1 106.3 319.0



#70
Styrene
Concen: 176.370 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057294.D
Acq: 14 Aug 2019 18:16

Tgt Ion:104 Resp: 4289573
Ion Ratio Lower Upper
104 100
78 48.2 39.2 58.8
103 54.6 44.6 66.8





#71

Bromoform

Concen: 166.680 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

Instrument :

MSVOA_N

ClientSampled :

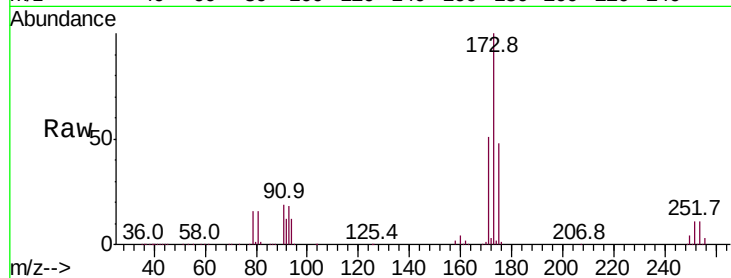
Tot Ion:173 Resp: 1242310

Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.2	72.6
254	0.1	0.2	0.2

173 100

175 47.9 24.2 72.6

254 0.1 0.2 0.2

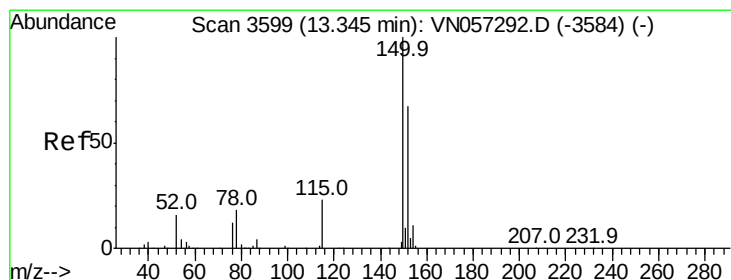
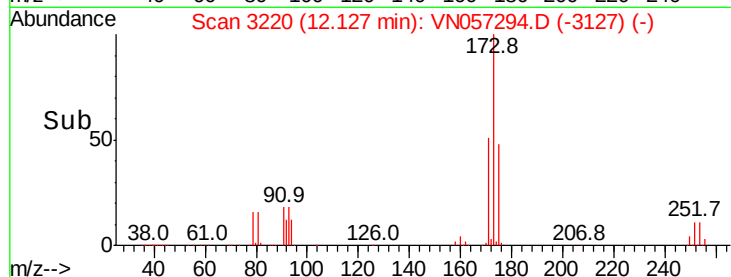
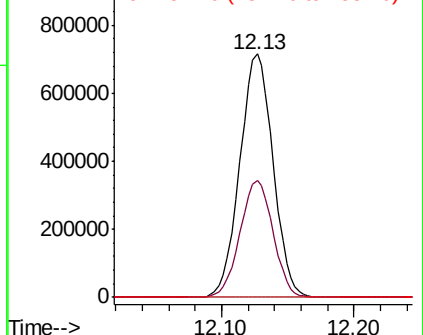


Abundance

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: VN057294.D

Acq: 14 Aug 2019 18:16

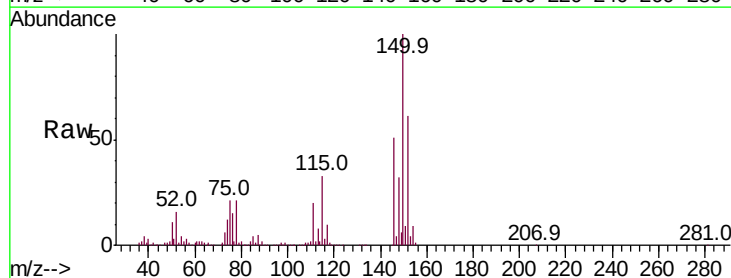
Tgt Ion:152 Resp: 571379

Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.3	81.9
150	207.0	0.0	344.4

152 100

115 55.0 27.3 81.9

150 207.0 0.0 344.4

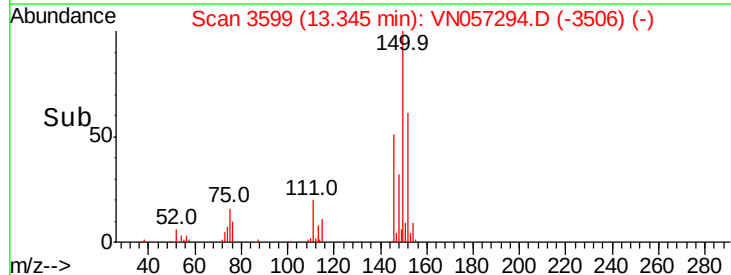
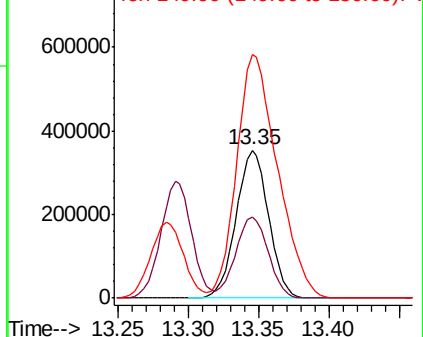


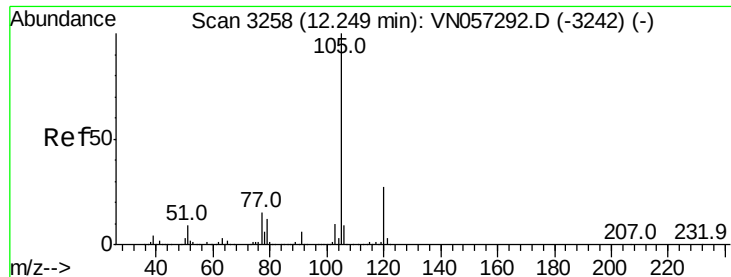
Abundance

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: 124.429 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

Instrument :

MSVOA_N

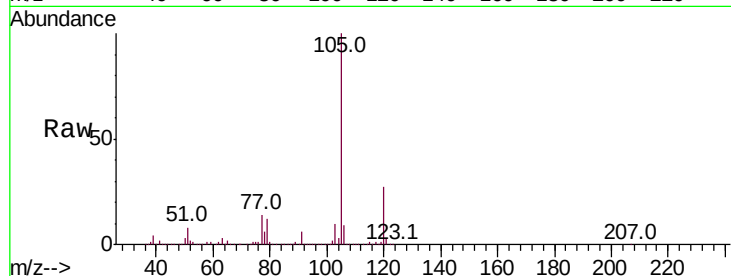
ClientSampleId :

Tot Ion:105 Resp: 6593546

Ion Ratio Lower Upper

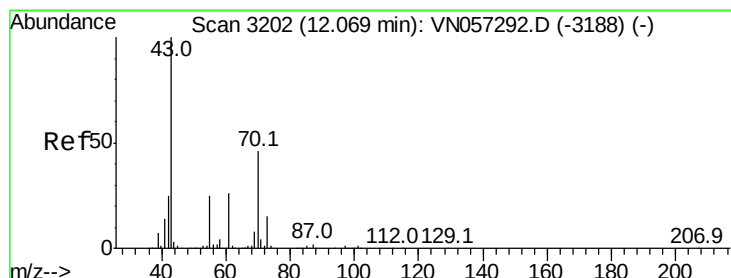
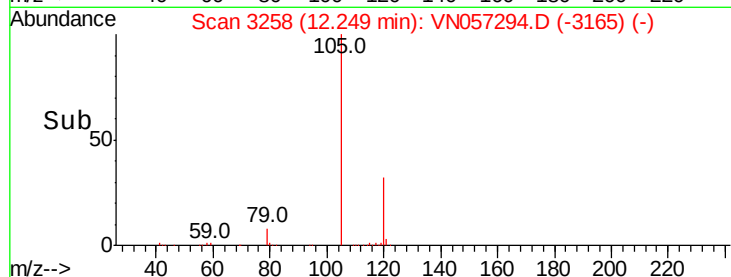
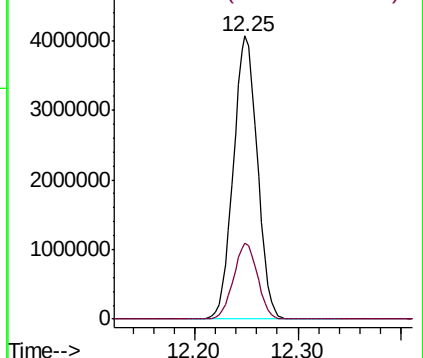
105 100

120 26.7 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: 140.181 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

Tgt Ion: 43 Resp: 2167561

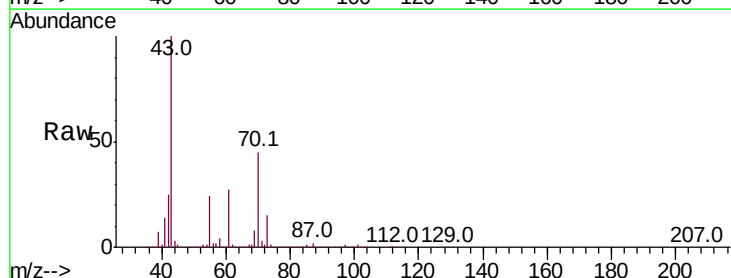
Ion Ratio Lower Upper

43 100

70 45.4 36.2 54.2

55 24.2 20.1 30.1

61 26.3 20.9 31.3

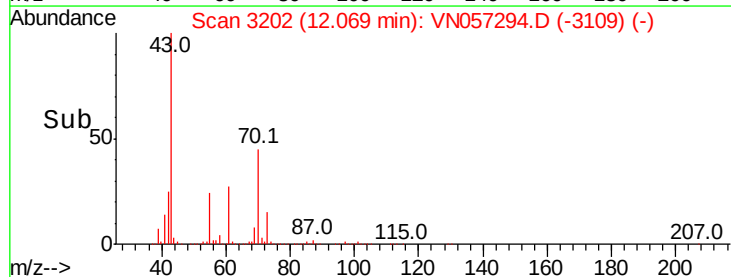
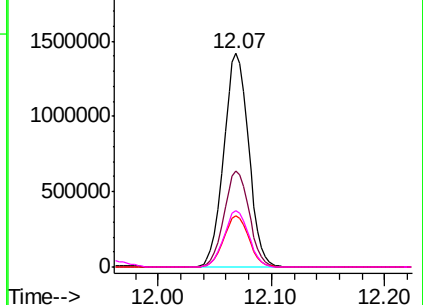


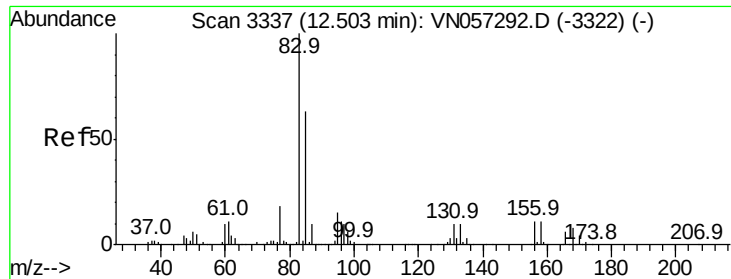
Abundance Ion 43.00 (42.70 to 43.70): V

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: 117.305 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

Instrument :

MSVOA_N

ClientSampled :

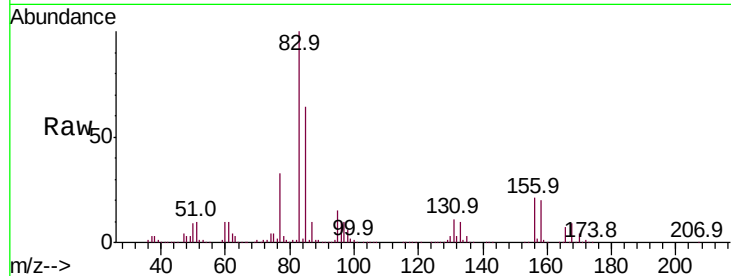
Tot Ion: 83 Resp: 1784285

Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.4	16.2
85	64.6	32.3	96.9

83 100

131 10.9 5.4 16.2

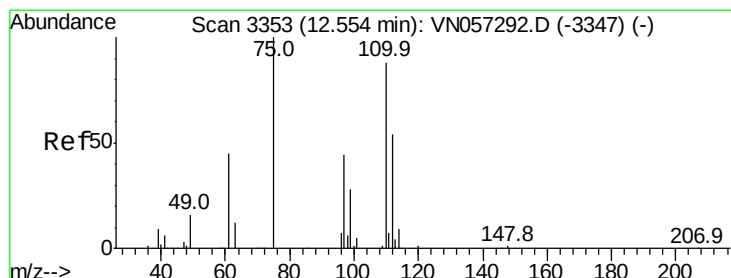
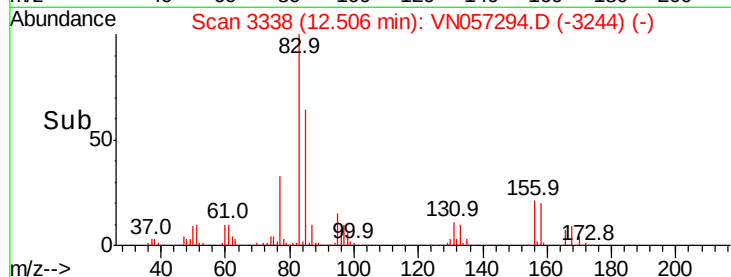
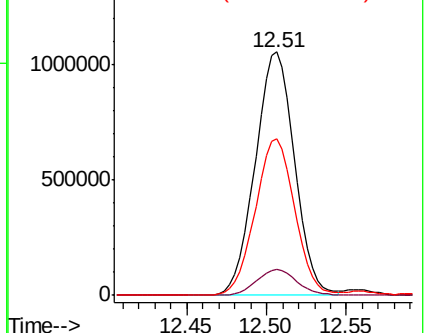
85 64.6 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 195.139 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN057294.D

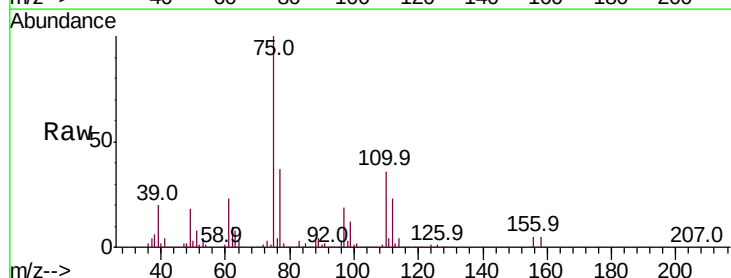
Acq: 14 Aug 2019 18:16

Tgt Ion: 75 Resp: 2358546

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

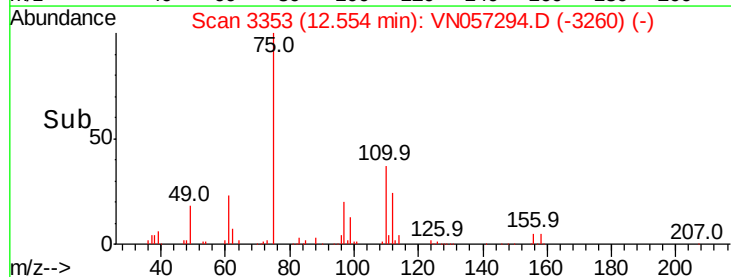
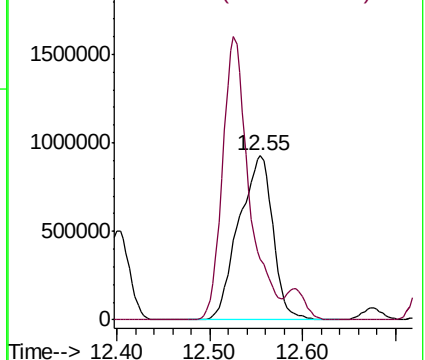
75 100

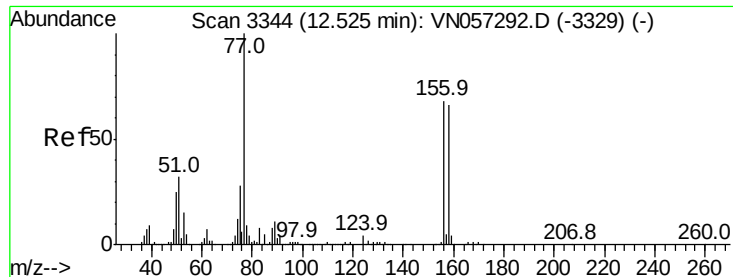
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 125.594 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

Instrument :
MSVOA_N
ClientSampleId :

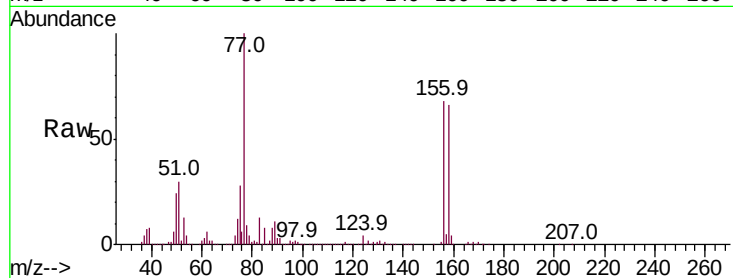
Tot Ion:156 Resp: 1811585

Ion	Ratio	Lower	Upper
156	100		
77	176.4	89.8	269.6
158	97.2	49.3	147.8

156 100

77 176.4 89.8 269.6

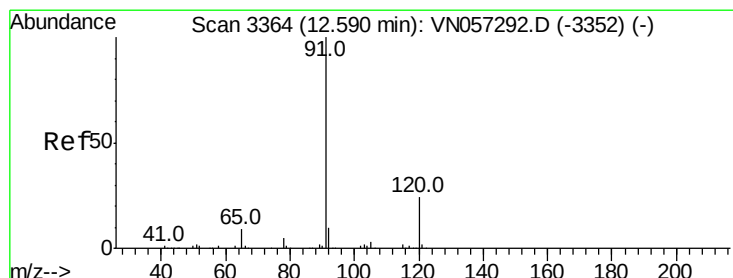
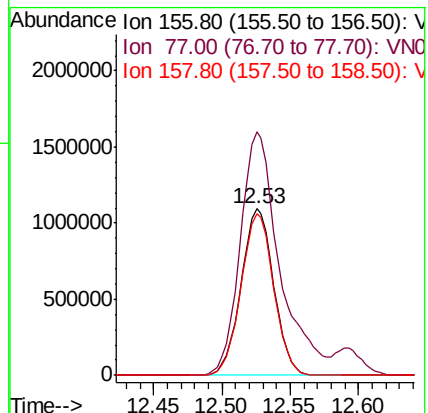
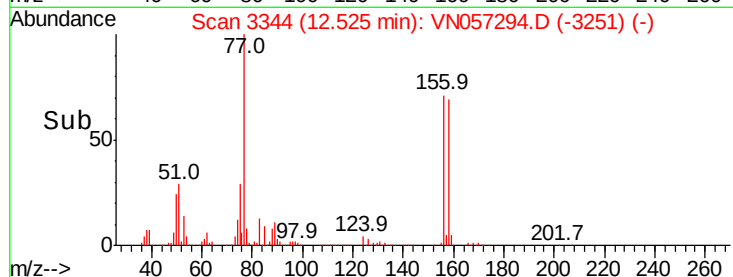
158 97.2 49.3 147.8



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: 138.747 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057294.D

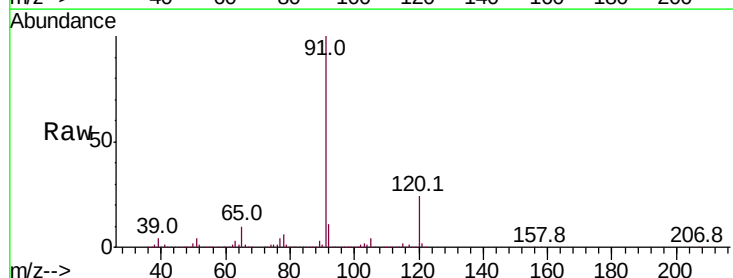
Acq: 14 Aug 2019 18:16

Tgt Ion: 91 Resp: 7402976

Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.9	35.7

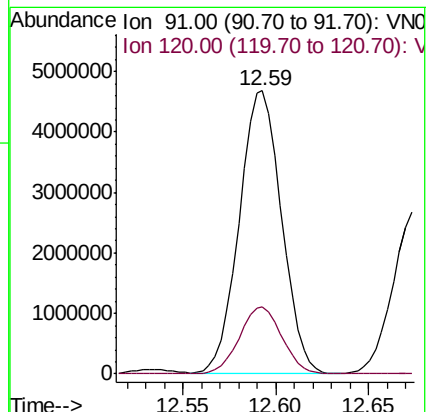
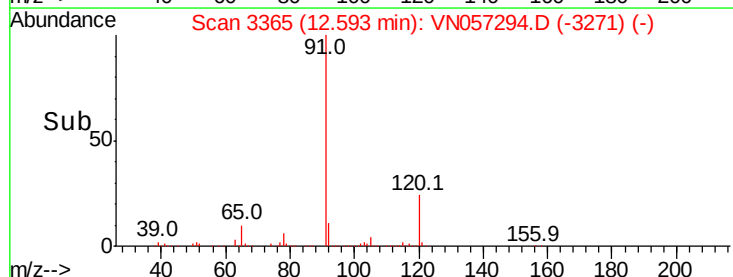
91 100

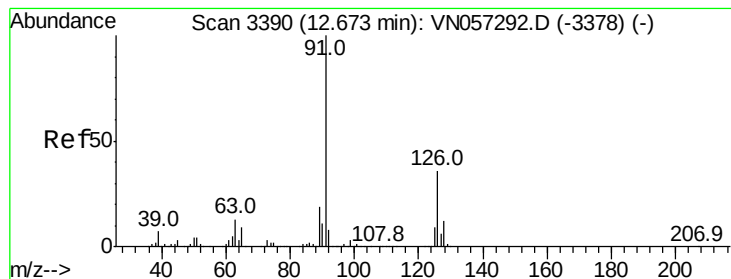
120 23.7 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 129.884 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

Instrument :

MSVOA_N

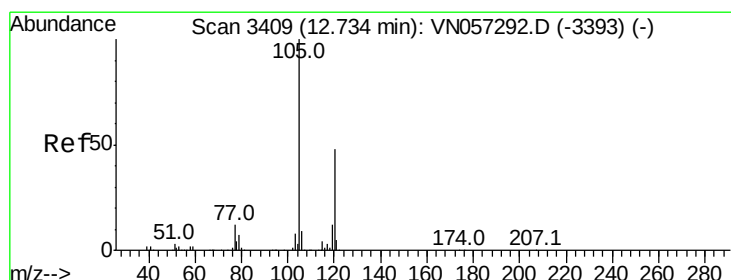
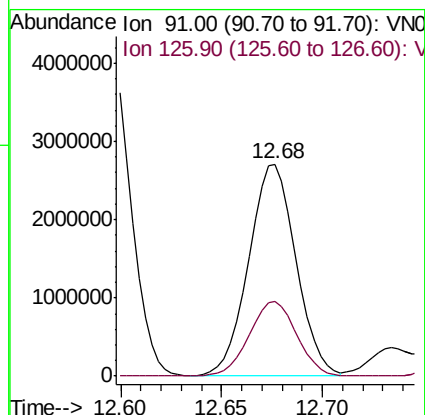
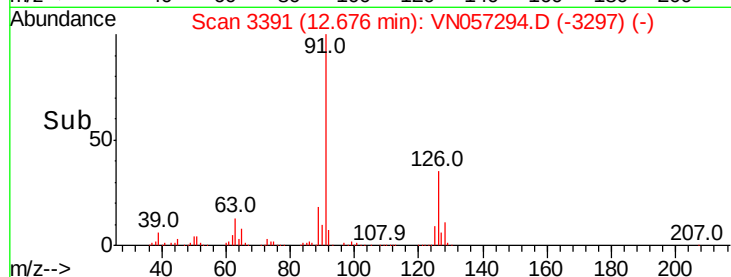
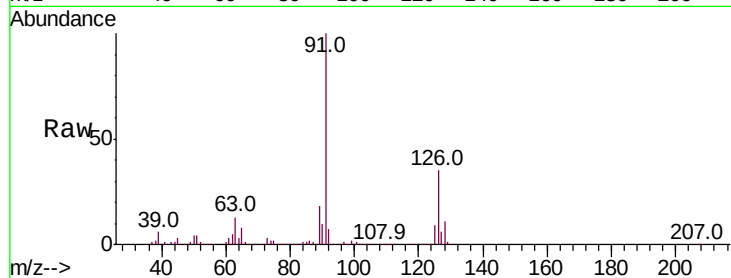
ClientSampleId :

Tot Ion: 91 Resp: 4429716

Ion Ratio Lower Upper

91 100

126 35.6 18.1 54.1



#80

1,3,5-Trimethylbenzene

Concen: 132.248 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057294.D

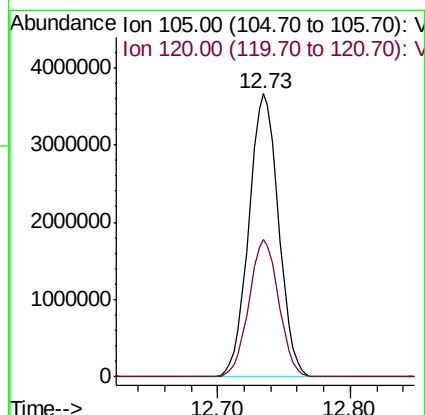
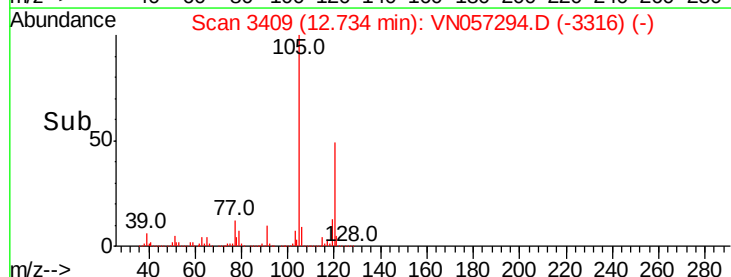
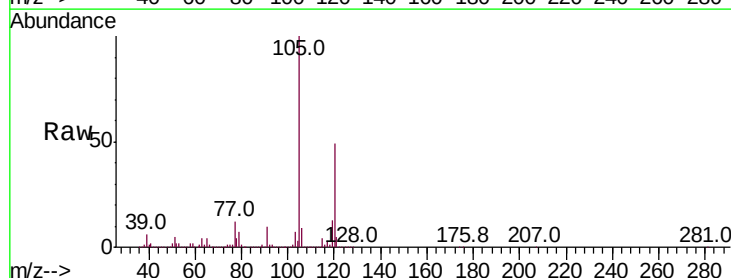
Acq: 14 Aug 2019 18:16

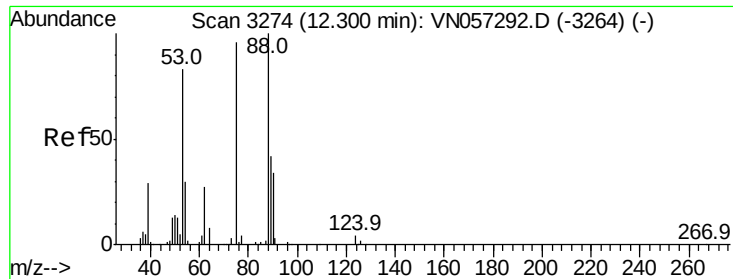
Tgt Ion:105 Resp: 5682594

Ion Ratio Lower Upper

105 100

120 48.7 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 150.461 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

Instrument :

MSVOA_N

ClientSampleId :

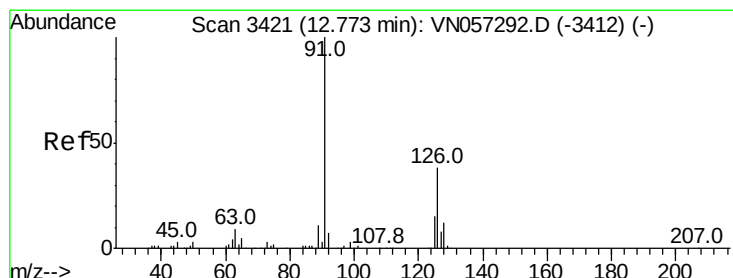
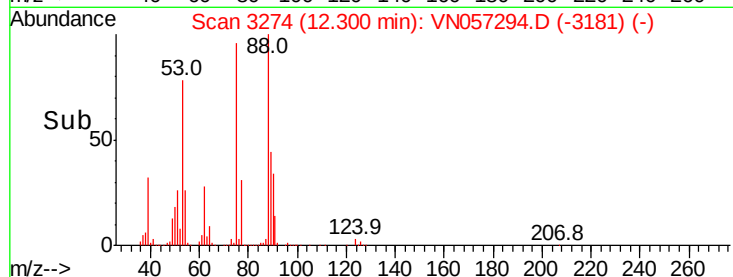
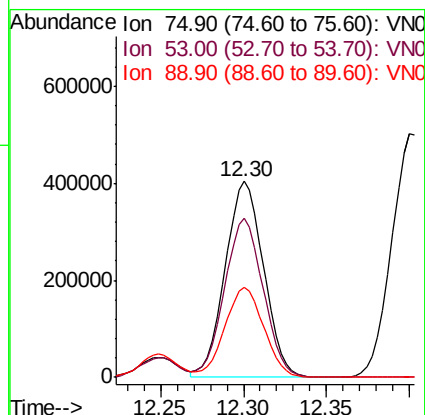
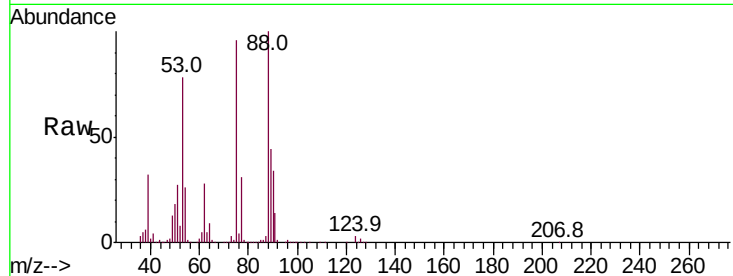
Tot Ion: 75 Resp: 648133

Ion Ratio Lower Upper

75 100

53 82.3 67.9 101.9

89 46.6 36.2 54.4



#82

4-Chlorotoluene

Concen: 143.945 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN057294.D

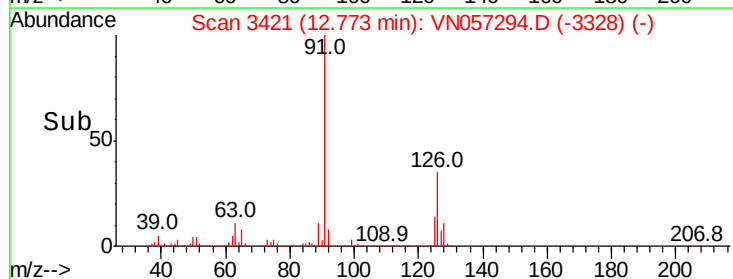
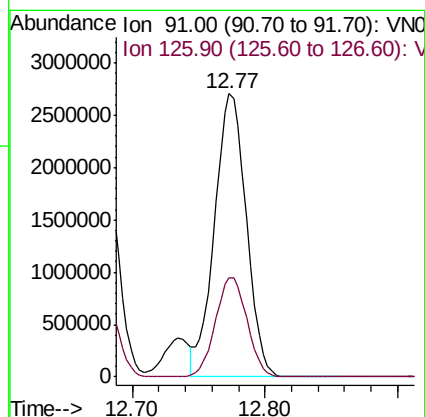
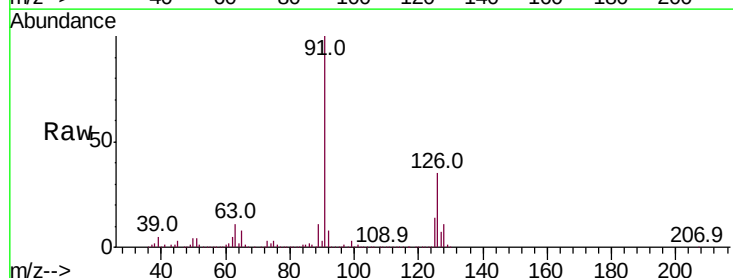
Acq: 14 Aug 2019 18:16

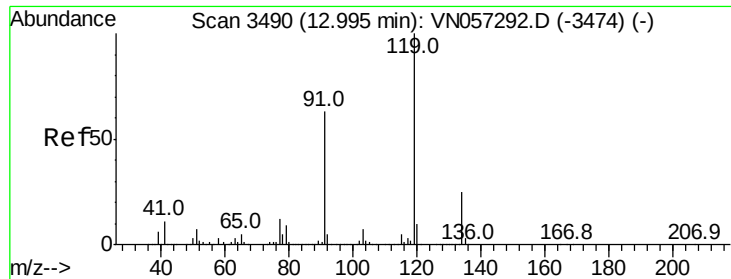
Tgt Ion: 91 Resp: 4493814

Ion Ratio Lower Upper

91 100

126 35.1 17.3 51.7

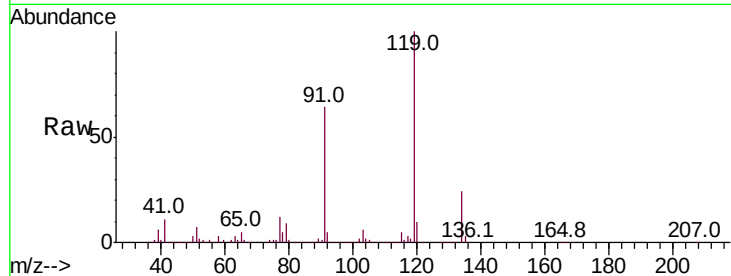




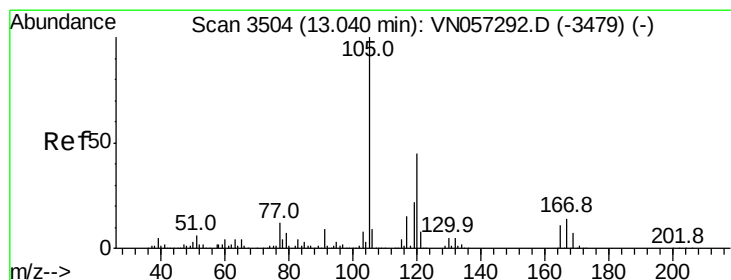
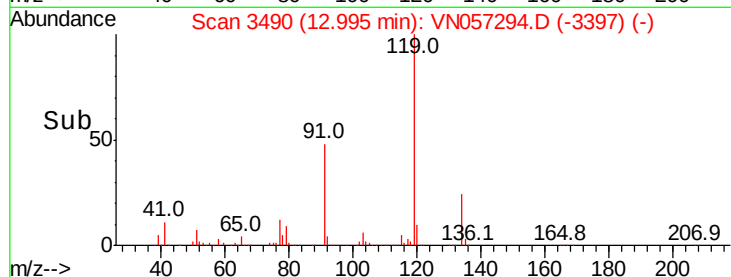
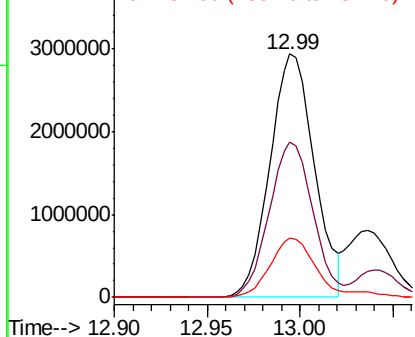
#83
 tert-Butylbenzene
 Concen: 122.761 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN057294.D
 Acq: 14 Aug 2019 18:16

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:119 Resp: 4923823
 Ion Ratio Lower Upper
 119 100
 91 63.0 31.3 93.8
 134 24.4 13.1 39.1

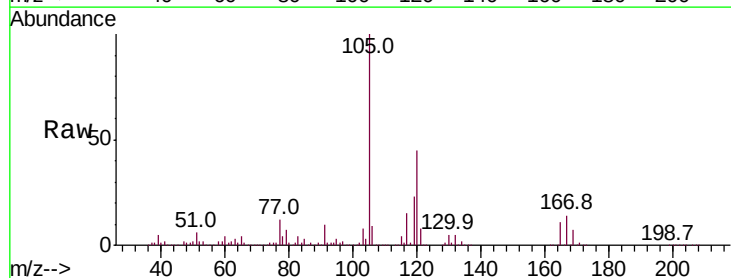


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VN
 Ion 134.00 (133.70 to 134.70): V

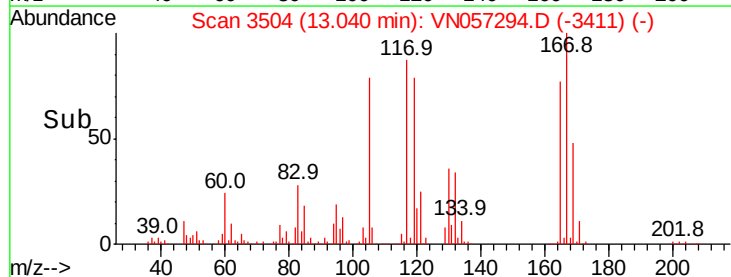
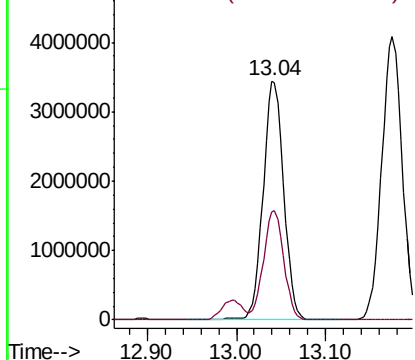


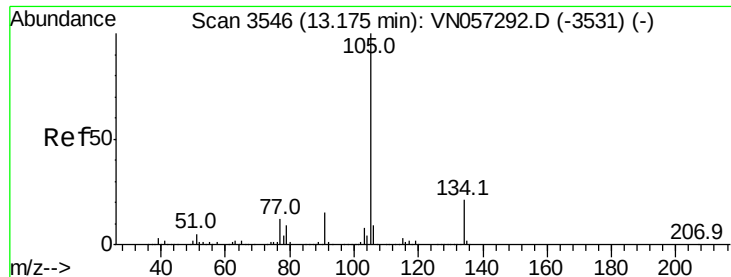
#84
 1,2,4-Trimethylbenzene
 Concen: 137.889 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN057294.D
 Acq: 14 Aug 2019 18:16

Tgt Ion:105 Resp: 5541136
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.6 67.7



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





#85

sec-Butylbenzene

Concen: 134.574 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

Instrument :

MSVOA_N

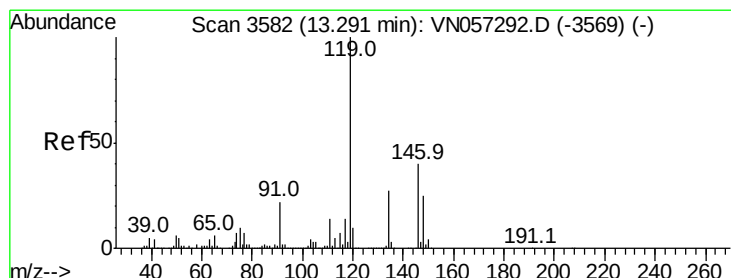
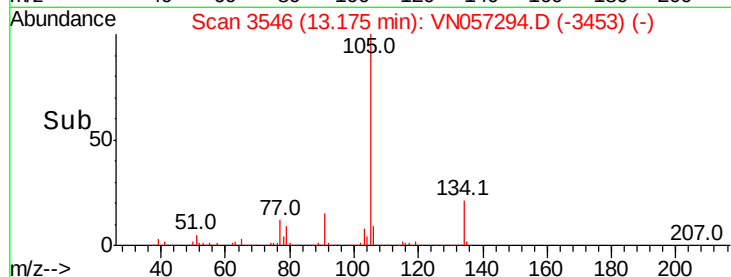
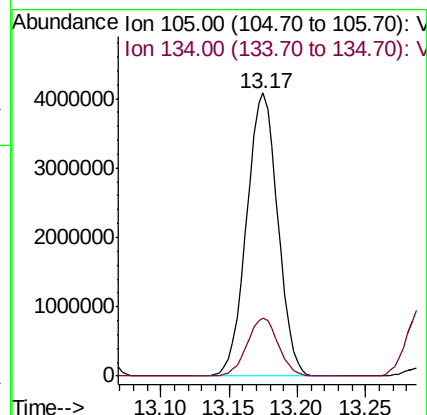
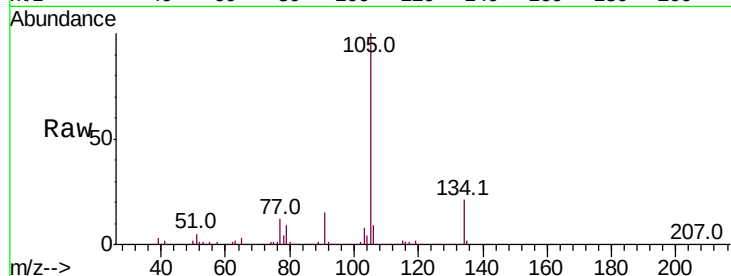
ClientSampleId :

Tot Ion:105 Resp: 6465574

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.2



#86

p-Isopropyltoluene

Concen: 140.754 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

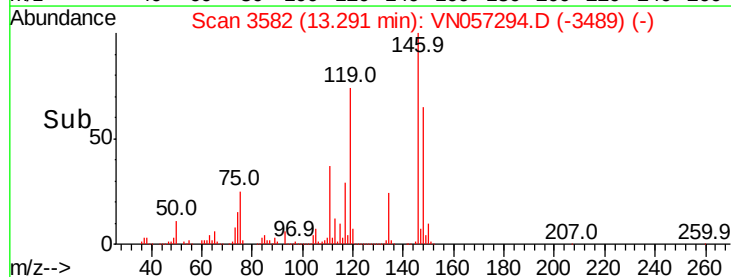
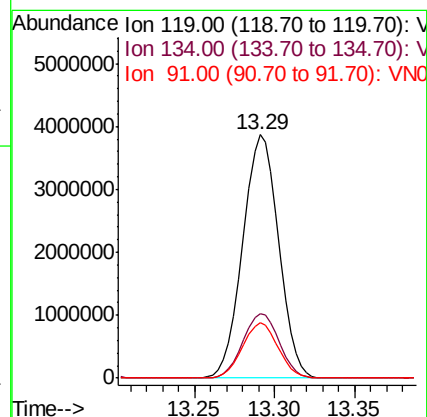
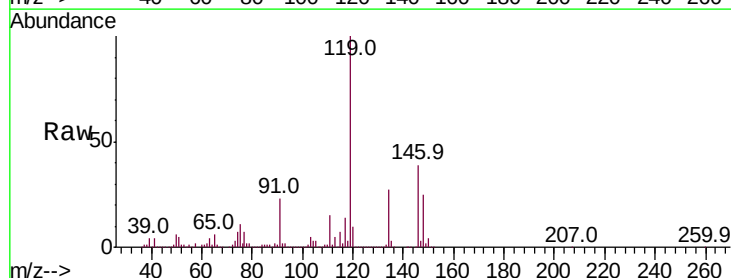
Tgt Ion:119 Resp: 5895703

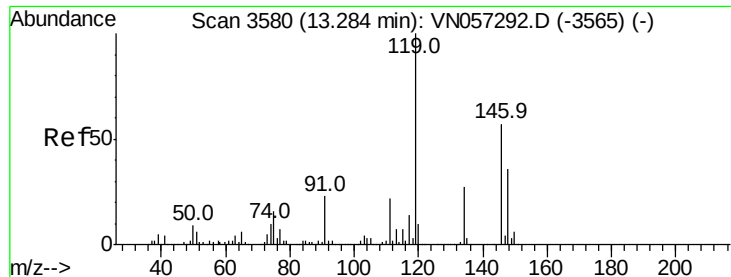
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 22.4 11.2 33.5

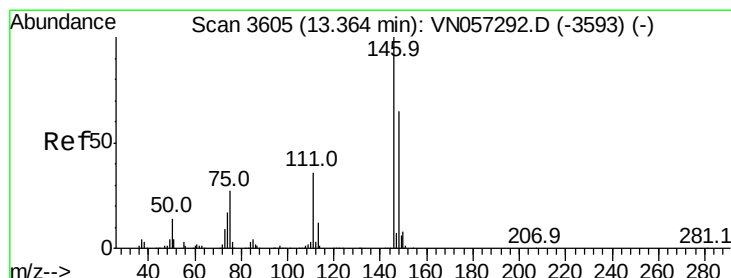
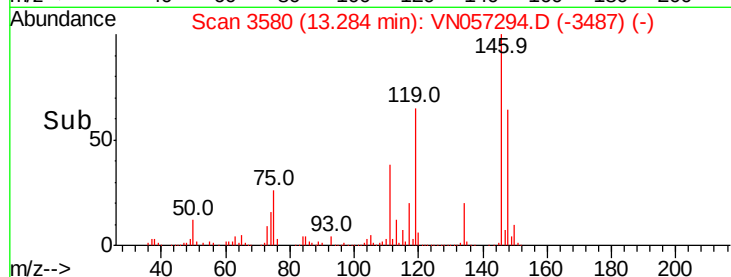
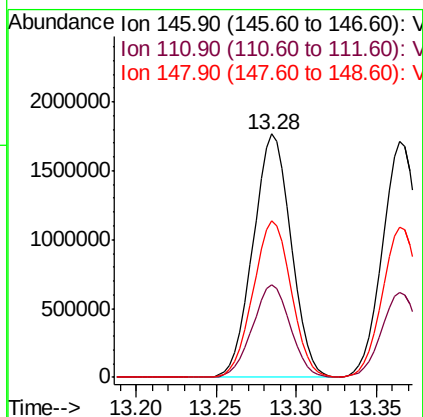
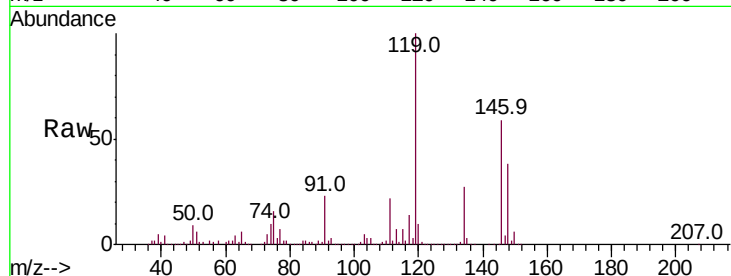




#87
 1,3-Dichlorobenzene
 Concen: 146.277 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN057294.D
 Acq: 14 Aug 2019 18:16

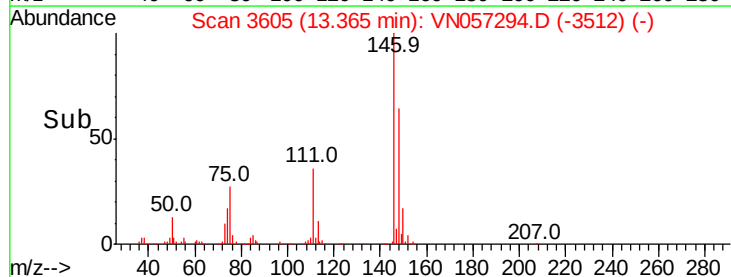
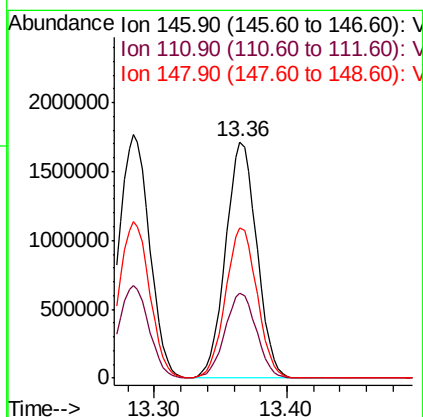
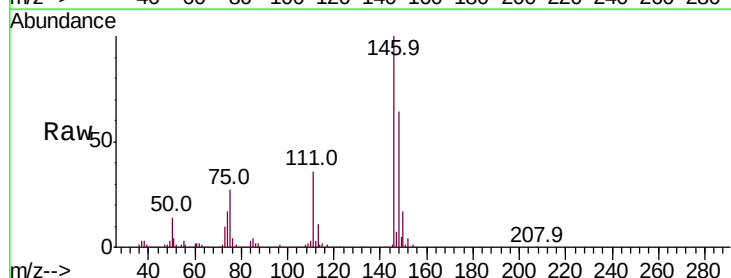
Instrument :
 MSVOA_N
 ClientSampleId :

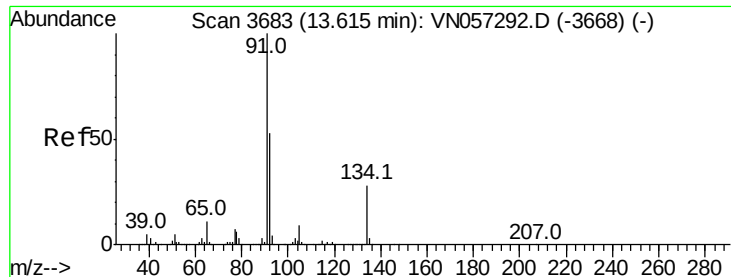
Tot Ion:146 Resp: 2886364
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.7 56.1
 148 64.4 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 146.010 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN057294.D
 Acq: 14 Aug 2019 18:16

Tgt Ion:146 Resp: 2796969
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.4 55.4
 148 64.1 32.5 97.4





#89

n-Butylbenzene

Concen: 156.805 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

Instrument :

MSVOA_N

ClientSampleId :

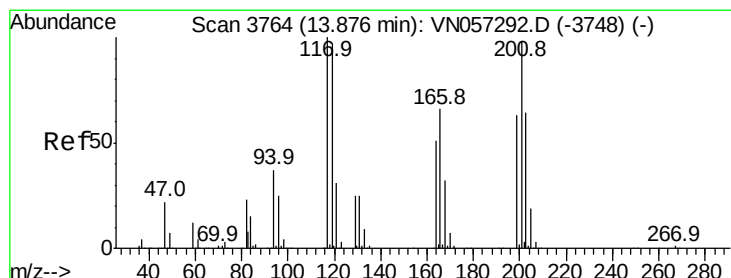
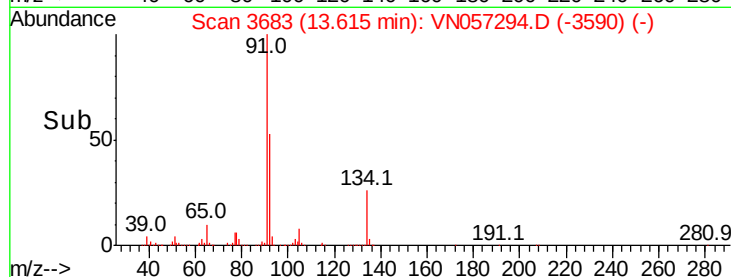
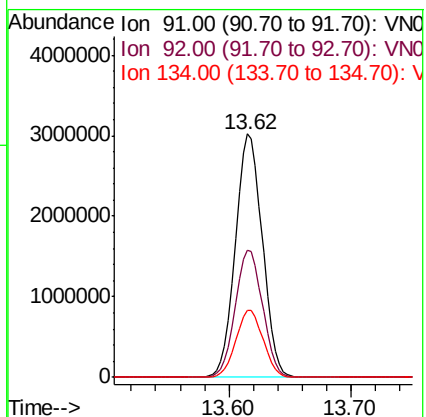
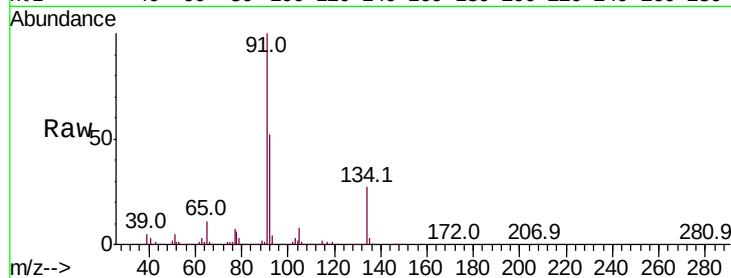
Tot Ion: 91 Resp: 4615946

Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.2	78.6
134	27.7	13.9	41.7

91 100

92 52.9 26.2 78.6

134 27.7 13.9 41.7



#90

Hexachloroethane

Concen: 129.148 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN057294.D

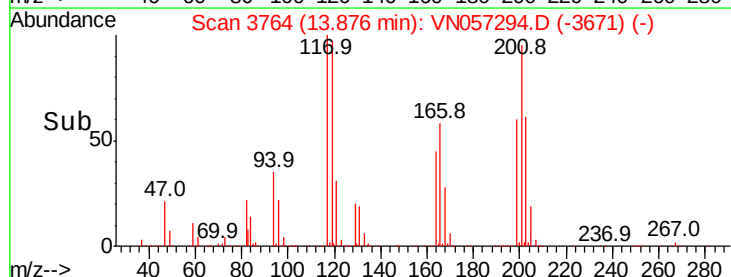
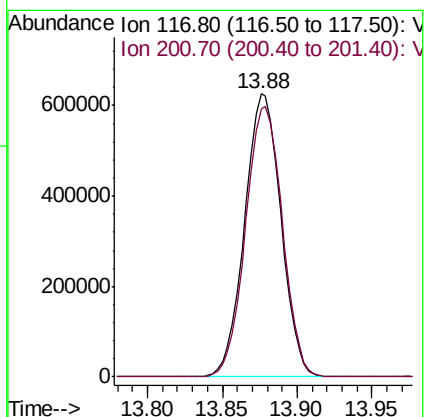
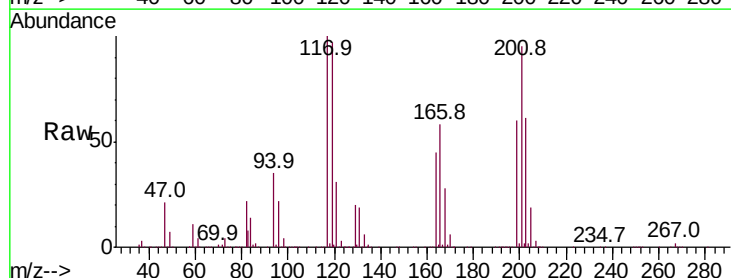
Acq: 14 Aug 2019 18:16

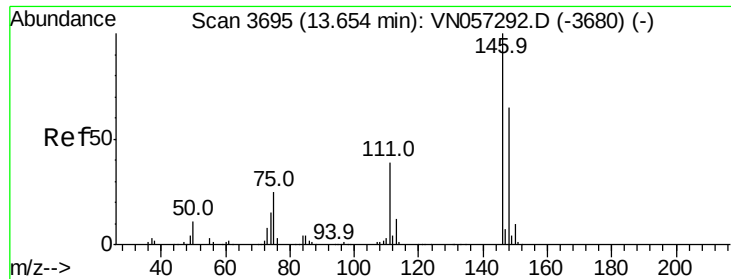
Tgt Ion: 117 Resp: 1057136

Ion	Ratio	Lower	Upper
117	100		
201	97.0	48.4	145.0

117 100

201 97.0 48.4 145.0





#91

1,2-Dichlorobenzene

Concen: 138.207 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

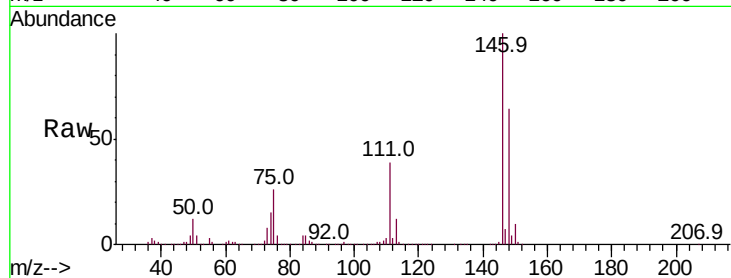
Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:146 Resp: 2652238

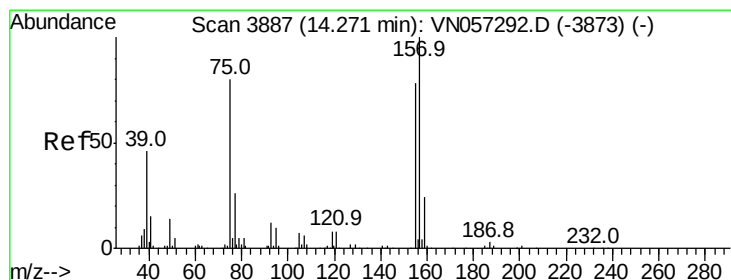
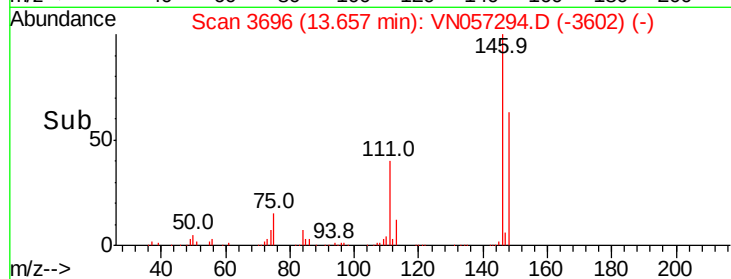
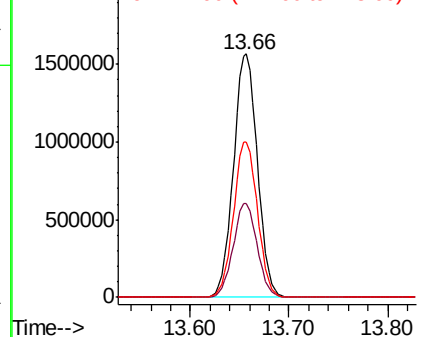
Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.7	59.1
148	64.0	32.0	96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 158.184 ug/l

RT: 14.27 min Scan# 3887

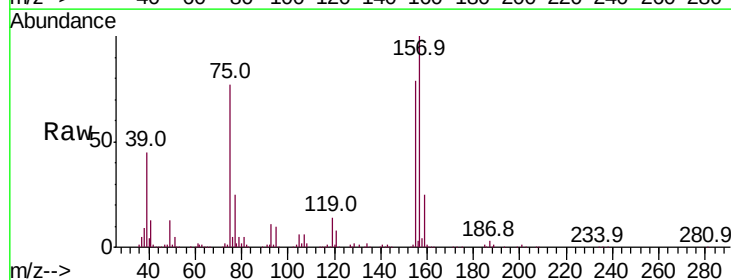
Delta R.T. 0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

Tgt Ion: 75 Resp: 302518

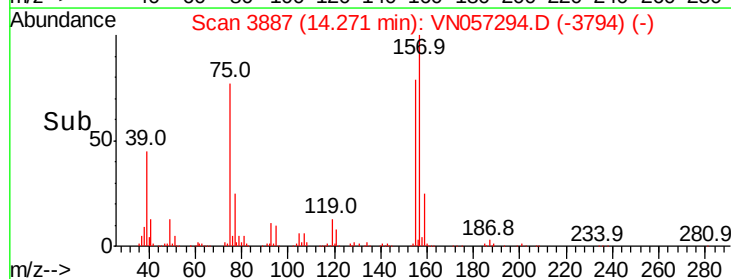
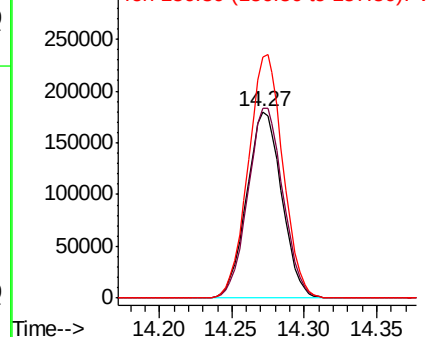
Ion	Ratio	Lower	Upper
75	100		
155	102.1	49.6	148.8
157	129.7	63.7	191.1

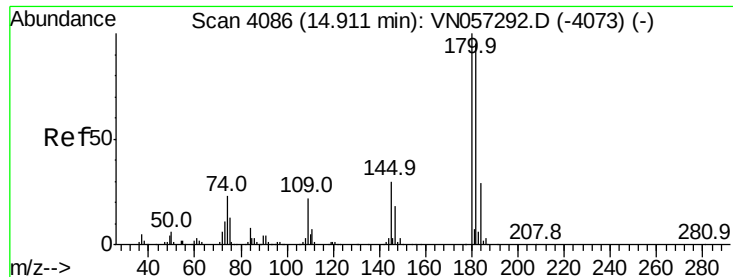


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

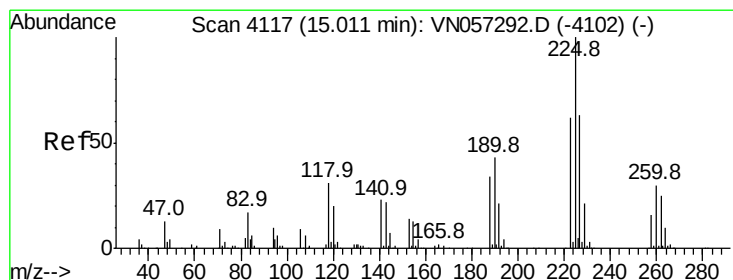
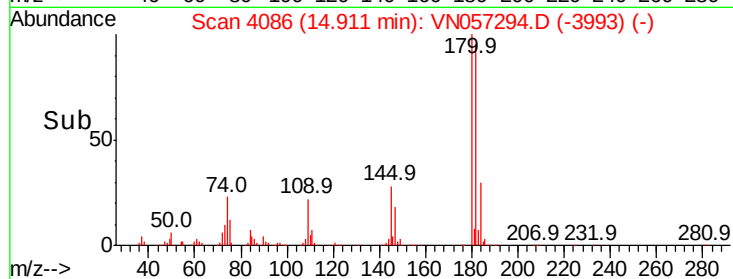
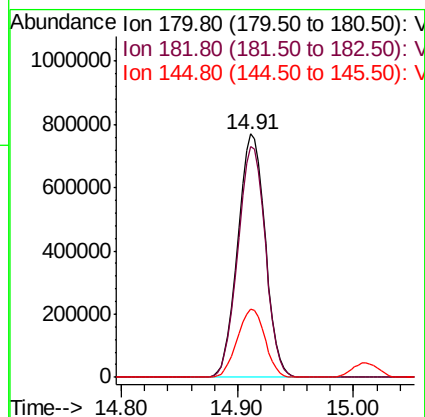
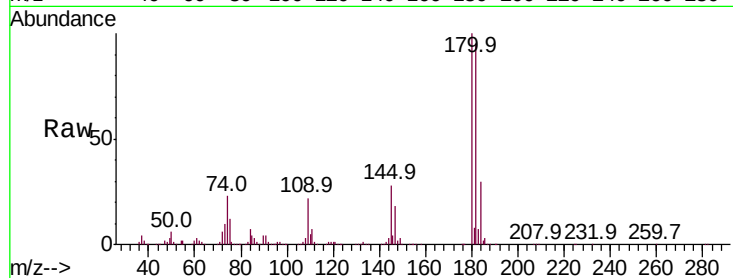




#93
 1,2,4-Trichlorobenzene
 Concen: 182.068 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN057294.D
 Acq: 14 Aug 2019 18:16

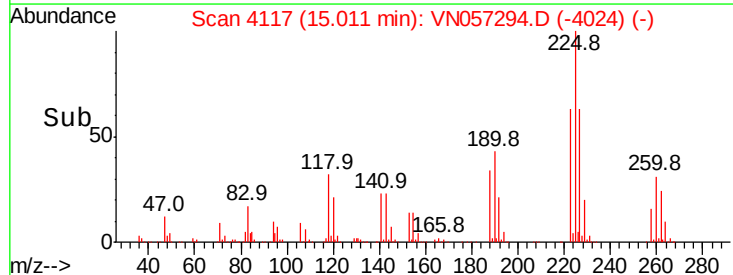
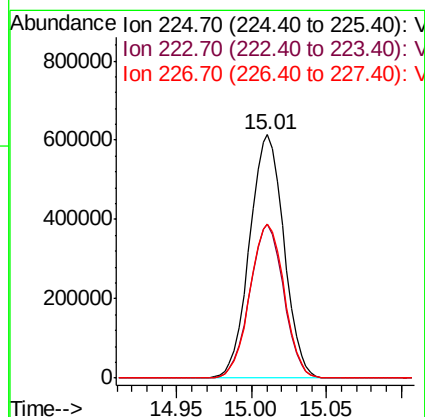
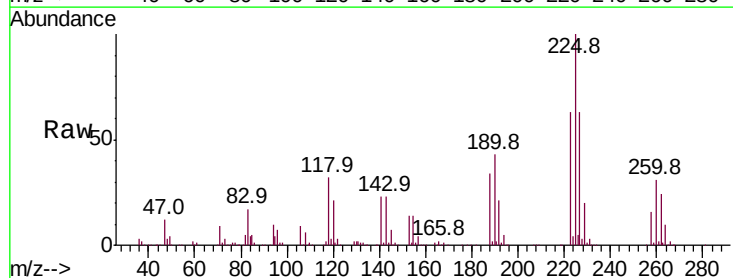
Instrument :
 MSVOA_N
 ClientSampleId :

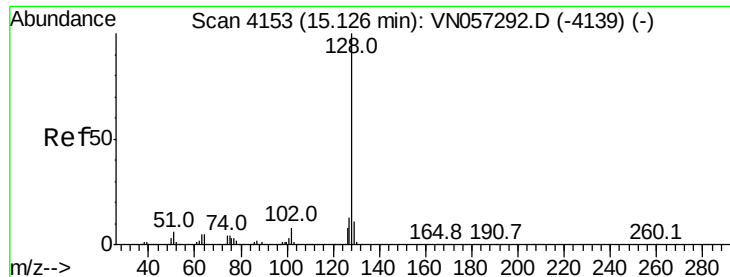
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.0	144.2
145	28.4	14.5	43.6



#94
 Hexachlorobutadiene
 Concen: 106.203 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN057294.D
 Acq: 14 Aug 2019 18:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	30.7	92.1
227	63.4	30.9	92.7





#95

Naphthalene

Concen: 233.542 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

Instrument :

MSVOA_N

ClientSampleId :

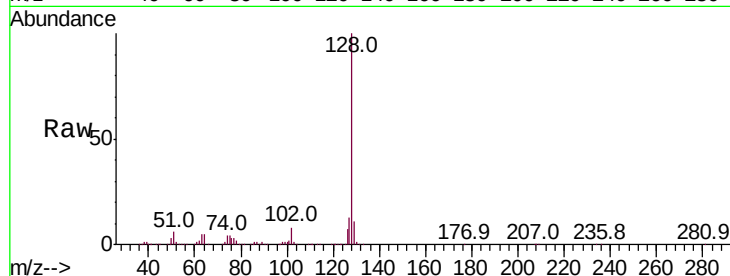
Tot Ion:128 Resp: 3159059

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

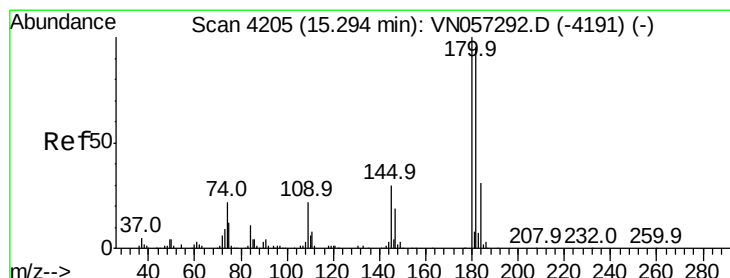
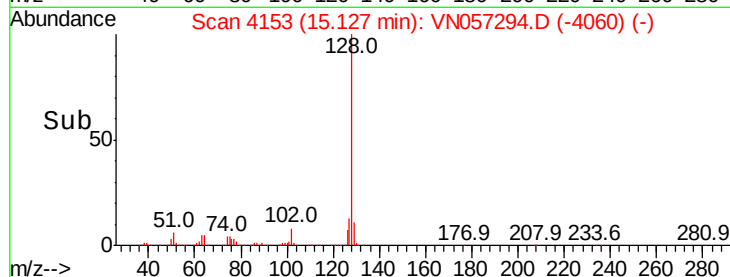
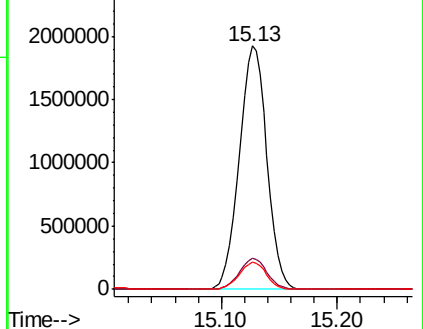
129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 180.143 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. 0.00 min

Lab File: VN057294.D

Acq: 14 Aug 2019 18:16

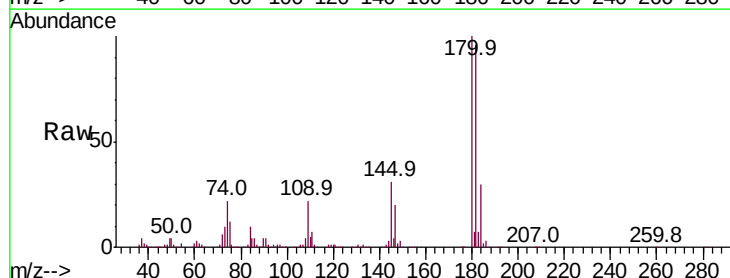
Tgt Ion:180 Resp: 1257327

Ion Ratio Lower Upper

180 100

182 96.2 47.9 143.6

145 30.4 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

