

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090119\
 Data File : VN057616.D
 Acq On : 31 Aug 2019 15:17
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 31 23:45:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 15:54:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	205523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	340133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	309604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	140794	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	227118	48.92	ug/l	0.00
Spiked Amount			Recovery	=	97.84%	
35) Dibromofluoromethane	7.58	113	146987	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	
50) Toluene-d8	10.08	98	567361	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.40	95	210032	48.43	ug/l	0.00
Spiked Amount			Recovery	=	96.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.84	85	179188	54.522	ug/l	95
3) Chloromethane	2.05	50	194901	51.442	ug/l	97
4) Vinyl Chloride	2.18	62	152798	51.489	ug/l	100
5) Bromomethane	2.51	94	104077	55.428	ug/l	98
6) Chloroethane	2.67	64	80407	48.508	ug/l	99
7) Trichlorofluoromethane	3.00	101	211684	50.817	ug/l	99
8) Diethyl Ether	3.40	74	68643	49.799	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	103120	48.829	ug/l	98
10) Methyl Iodide	3.92	142	135501	49.695	ug/l	98
11) Tert butyl alcohol	4.81	59	128689	264.276	ug/l #	87
12) 1,1-Dichloroethene	3.71	96	97367	50.862	ug/l	94
13) Acrolein	3.59	56	45229	233.603	ug/l	94
14) Allyl chloride	4.29	41	304044	50.909	ug/l	100
15) Acrylonitrile	4.97	53	382565	261.820	ug/l	99
16) Acetone	3.81	43	309969	238.228	ug/l	95
17) Carbon Disulfide	4.02	76	345937	55.896	ug/l	99
18) Methyl Acetate	4.31	43	213736	47.841	ug/l	99
19) Methyl tert-butyl Ether	5.03	73	510707	51.565	ug/l	100
20) Methylene Chloride	4.52	84	160931	49.960	ug/l	94
21) trans-1,2-Dichloroethene	5.00	96	146065	51.322	ug/l	99
22) Diisopropyl ether	5.94	45	617336	50.284	ug/l	99
23) Vinyl Acetate	5.88	43	2532580	268.413	ug/l	99
24) 1,1-Dichloroethane	5.82	63	315312	51.164	ug/l	99
25) 2-Butanone	6.83	43	554226	255.627	ug/l	98
26) 2,2-Dichloropropane	6.81	77	255113	51.789	ug/l #	75
27) cis-1,2-Dichloroethene	6.81	96	172423	50.733	ug/l	98
28) Bromochloromethane	7.18	49	163706	49.882	ug/l	99
29) Tetrahydrofuran	7.20	42	350906	257.977	ug/l	99
30) Chloroform	7.36	83	315520	50.466	ug/l	98
31) Cyclohexane	7.63	56	296812	48.256	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	268139	52.284	ug/l	99
36) 1,1-Dichloropropene	7.78	75	232638	51.589	ug/l	99
37) Ethyl Acetate	6.92	43	230781	53.726	ug/l	98
38) Carbon Tetrachloride	7.76	117	213810	52.968	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	272188	51.088	ug/l	99
40) Benzene	8.03	78	670367	51.069	ug/l	98
41) Methacrylonitrile	7.16	41	113489	47.264	ug/l	98
42) 1,2-Dichloroethane	8.11	62	279124	52.352	ug/l	100
43) Isopropyl Acetate	8.16	43	407909	52.781	ug/l	99
44) Trichloroethene	8.82	130	153626	51.590	ug/l	99
45) 1,2-Dichloropropane	9.11	63	184163	50.367	ug/l	99
46) Dibromomethane	9.20	93	115789	51.146	ug/l	99
47) Bromodichloromethane	9.40	83	243680	52.980	ug/l	97
48) Methyl methacrylate	9.19	41	207454	52.577	ug/l	100
49) 1,4-Dioxane	9.20	88	49426	1069.743	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	1201057	271.154	ug/l	99
52) Toluene	10.15	92	398787	51.401	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	250308	48.796	ug/l	97
54) cis-1,3-Dichloropropene	9.83	75	276136	48.964	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	153056	51.997	ug/l	97
56) Ethyl methacrylate	10.43	69	260007	52.931	ug/l	99
57) 1,3-Dichloropropane	10.71	76	273154	50.579	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	360884	251.112	ug/l	99
59) 2-Hexanone	10.75	43	857539	263.634	ug/l	98
60) Dibromochloromethane	10.90	129	155378	48.282	ug/l	100
61) 1,2-Dibromoethane	11.00	107	156266	52.723	ug/l	98
64) Tetrachloroethene	10.63	164	140060	52.245	ug/l	99
65) Chlorobenzene	11.43	112	405578	52.279	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	143010	52.855	ug/l	98
67) Ethyl Benzene	11.51	91	802394	53.231	ug/l	98
68) m/p-Xylenes	11.62	106	558362	105.144	ug/l	97
69) o-Xylene	11.95	106	270128	52.488	ug/l	98
70) Styrene	11.96	104	460014	49.682	ug/l	99
71) Bromoform	12.13	173	93033	46.728	ug/l #	99
73) Isopropylbenzene	12.25	105	764426	53.776	ug/l	98
74) N-amyl acetate	12.07	43	364405	54.319	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	208372	49.736	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	280579	75.760	ug/l #	100
77) Bromobenzene	12.53	156	163722	54.114	ug/l	100
78) n-propylbenzene	12.59	91	878857	55.548	ug/l	98
79) 2-Chlorotoluene	12.68	91	529727	53.694	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	637447	54.509	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	60535	56.029	ug/l	93
82) 4-Chlorotoluene	12.77	91	523763	53.634	ug/l	100
83) tert-Butylbenzene	12.99	119	531351	53.549	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	615226	54.377	ug/l	99
85) sec-Butylbenzene	13.17	105	720322	53.969	ug/l	99
86) p-Isopropyltoluene	13.29	119	597177	54.102	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	269451	54.667	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	260987	54.816	ug/l	100
89) n-Butylbenzene	13.62	91	545854	52.770	ug/l	100
90) Hexachloroethane	13.88	117	101595	53.016	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	262155	55.737	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	36549	56.656	ug/l	96

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Quant Title : SW846 8260
QLast Update : Sat Aug 31 15:54:32 2019
Response via : Initial Calibration

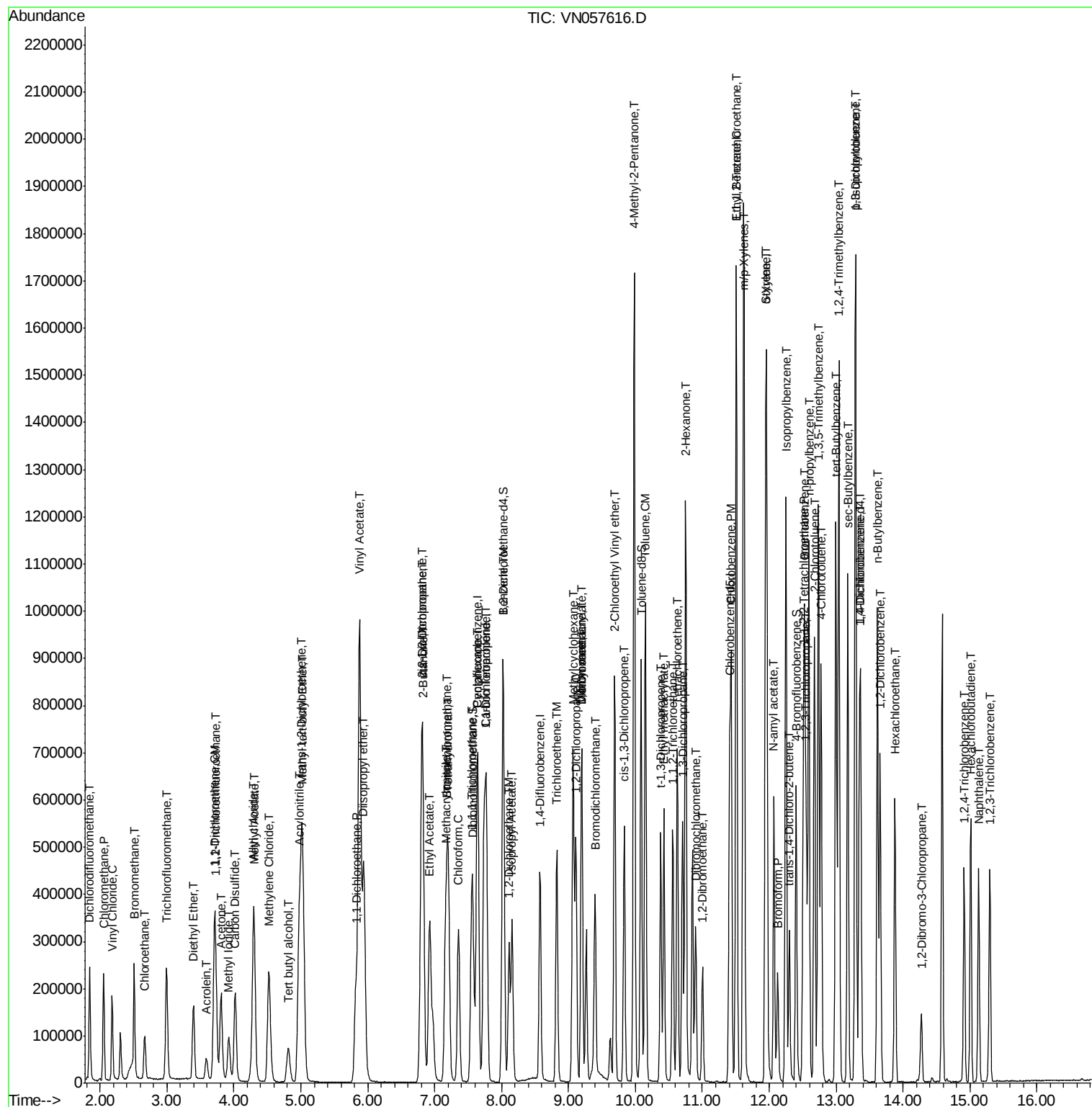
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	122327	58.275	ug/l	99
94) Hexachlorobutadiene	15.01	225	89694	55.571	ug/l	99
95) Naphthalene	15.13	128	335586	54.857	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	118778	56.890	ug/l	97

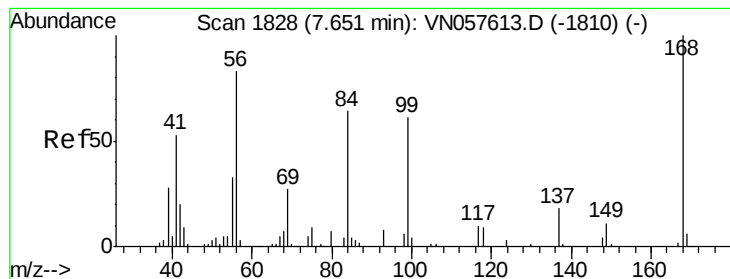
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090119\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057616.D

Acq: 31 Aug 2019 15:17

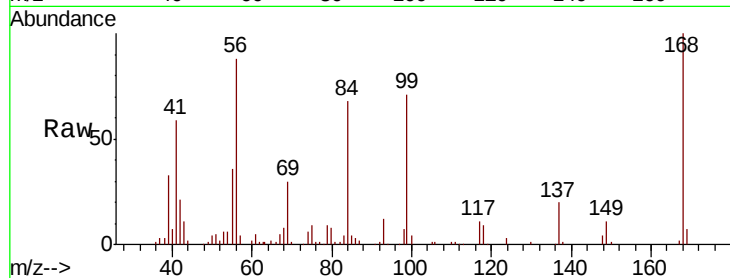
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 205523

Ion Ratio Lower Upper

168 100

99 71.3 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

80000

60000

40000

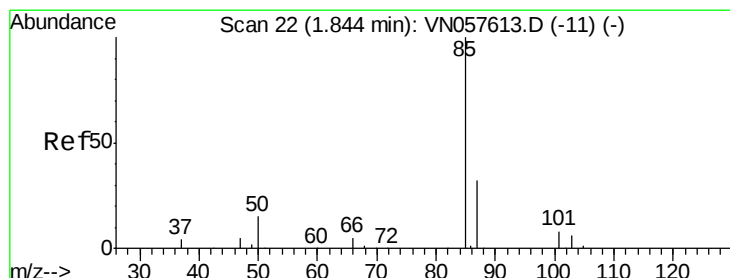
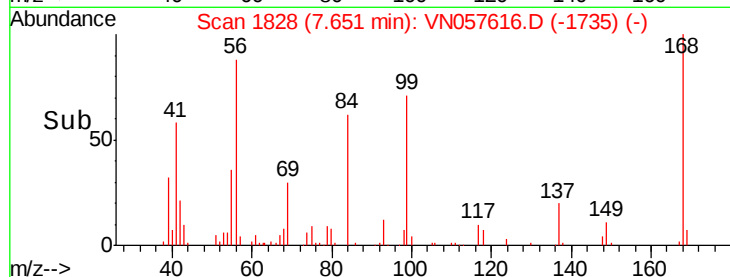
20000

0

Time-->

7.60

7.70



#2

Dichlorodifluoromethane

Concen: 54.522 ug/l

RT: 1.84 min Scan# 22

Delta R.T. -0.00 min

Lab File: VN057616.D

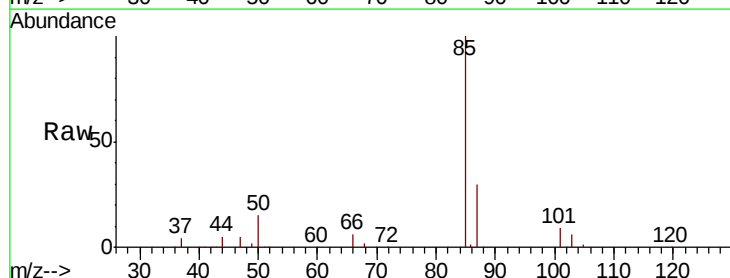
Acq: 31 Aug 2019 15:17

Tgt Ion: 85 Resp: 179188

Ion Ratio Lower Upper

85 100

87 29.8 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.84

150000

100000

50000

0

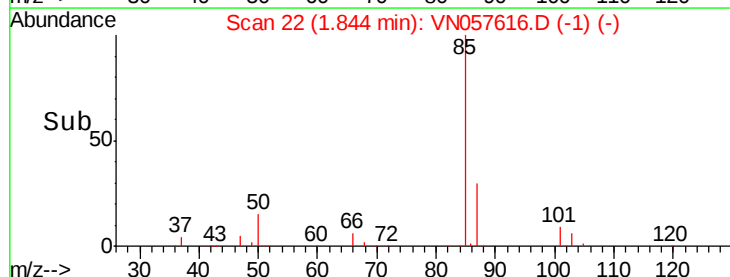
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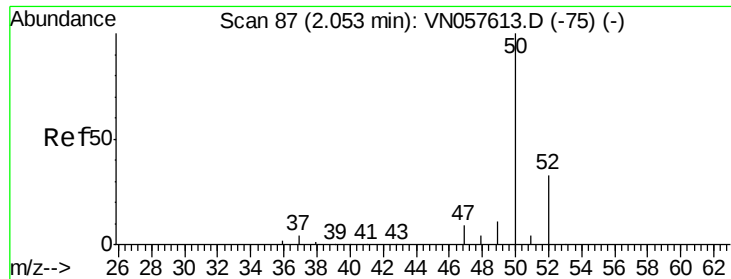
1.80

1.85

1.90

1.95





#3

Chloromethane

Concen: 51.442 ug/l

RT: 2.05 min Scan# 87

Delta R.T. -0.00 min

Lab File: VN057616.D

Acq: 31 Aug 2019 15:17

Instrument :

MSVOA_N

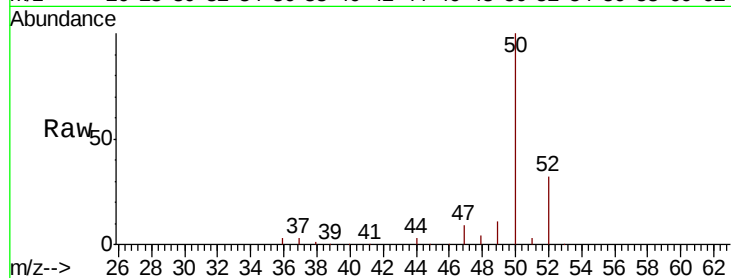
ClientSampled :

Tot Ion: 50 Resp: 194901

Ion Ratio Lower Upper

50 100

52 31.6 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC

2.05

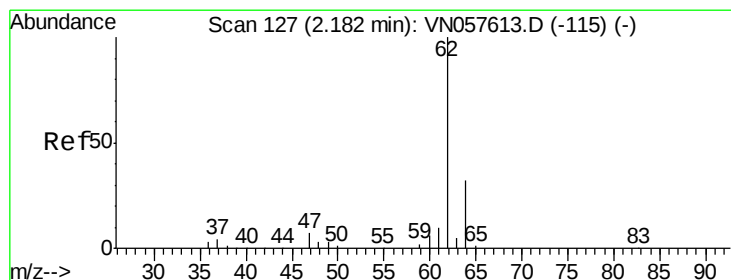
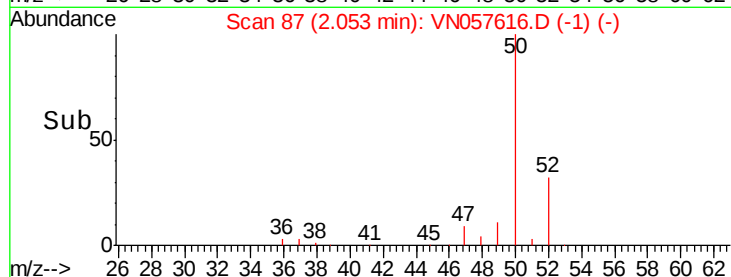
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 51.489 ug/l

RT: 2.18 min Scan# 126

Delta R.T. -0.00 min

Lab File: VN057616.D

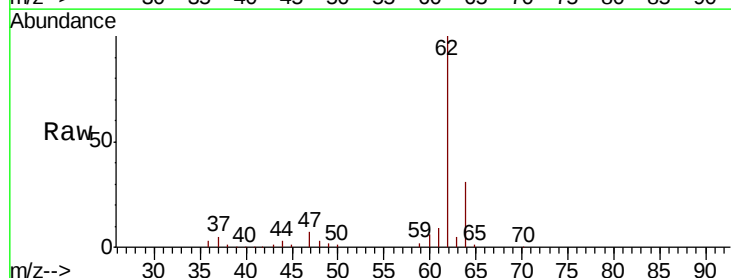
Acq: 31 Aug 2019 15:17

Tgt Ion: 62 Resp: 152798

Ion Ratio Lower Upper

62 100

64 31.3 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC

120000

100000

80000

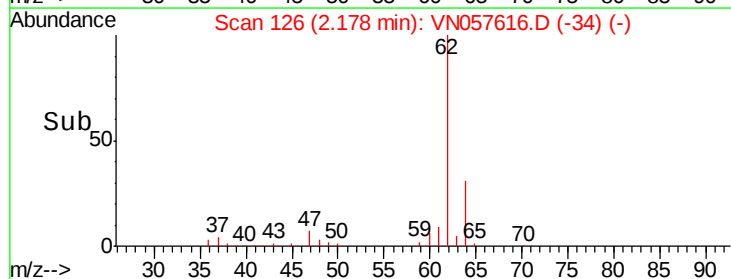
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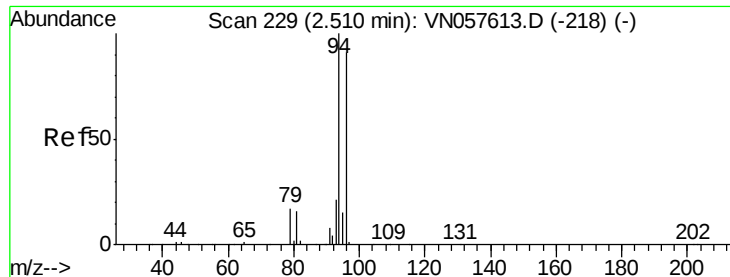
40000

20000

0

Time-->





#5

Bromomethane

Concen: 55.428 ug/l

RT: 2.51 min Scan# 229

Delta R.T. -0.00 min

Lab File: VN057616.D

Acq: 31 Aug 2019 15:17

Instrument :

MSVOA_N

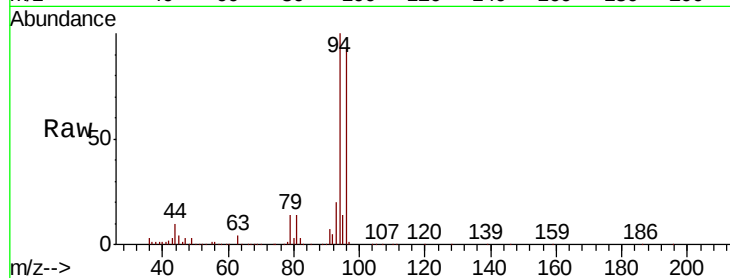
ClientSampleId :

Tot Ion: 94 Resp: 104077

Ion Ratio Lower Upper

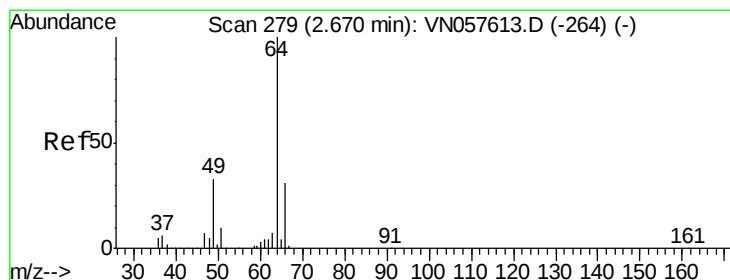
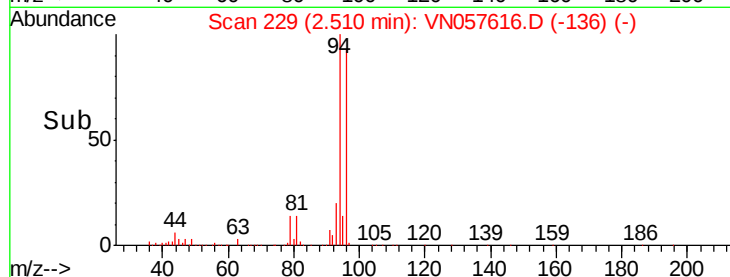
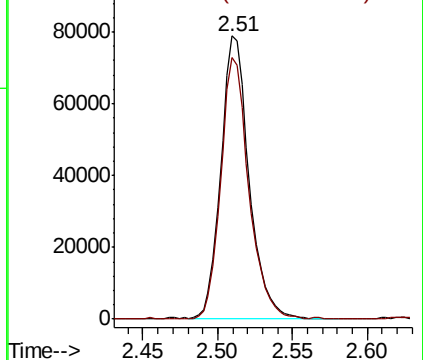
94 100

96 92.6 72.9 109.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 48.508 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN057616.D

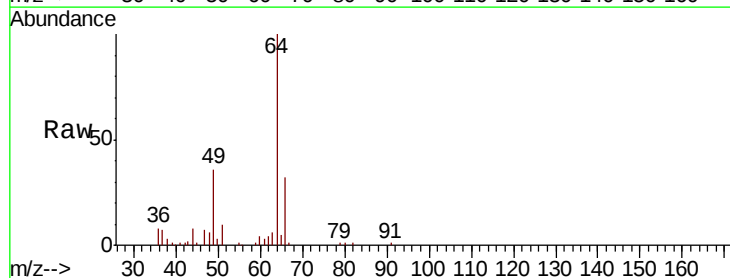
Acq: 31 Aug 2019 15:17

Tgt Ion: 64 Resp: 80407

Ion Ratio Lower Upper

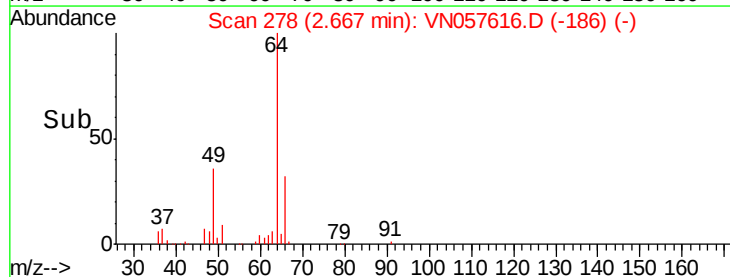
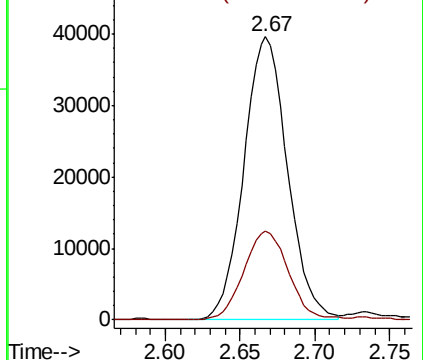
64 100

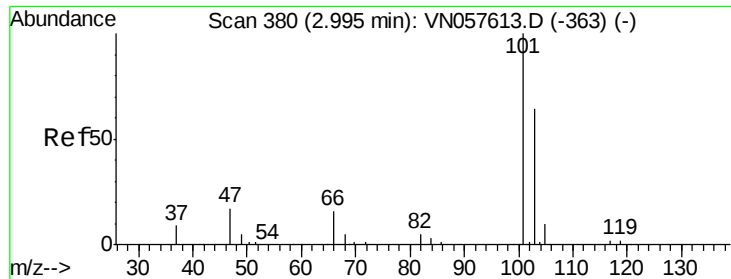
66 31.6 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



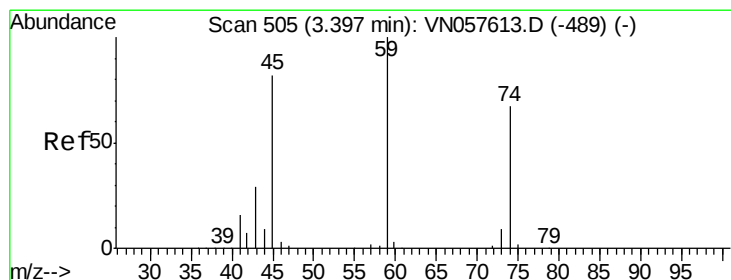
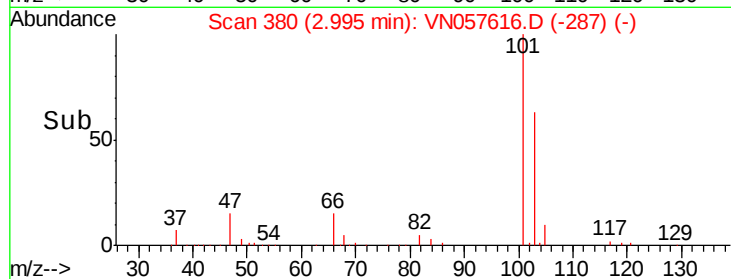
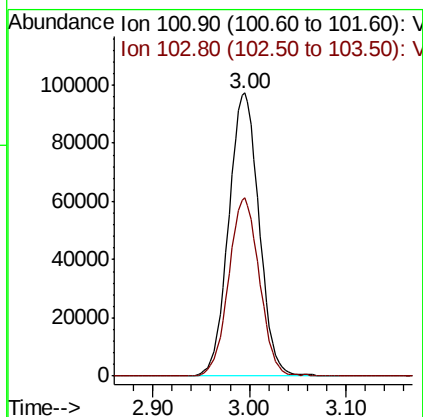
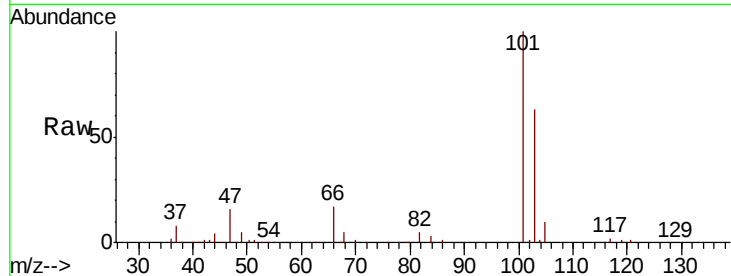


#7

Trichlorofluoromethane
 Concen: 50.817 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VN057616.D
 Acq: 31 Aug 2019 15:17

Instrument :
 MSVOA_N
 ClientSampled :

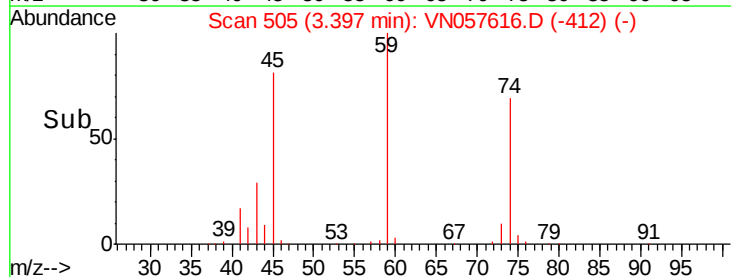
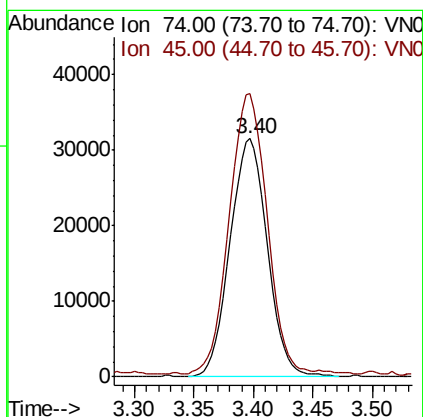
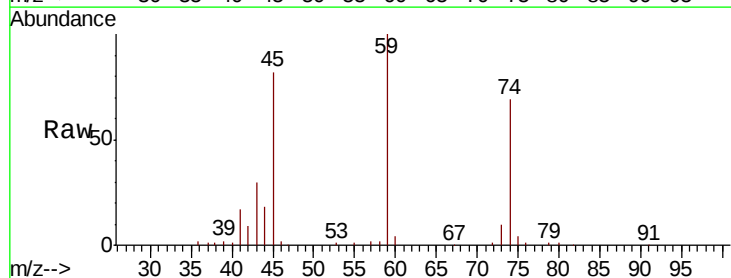
Tot Ion:101 Resp: 211684
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.3 76.9

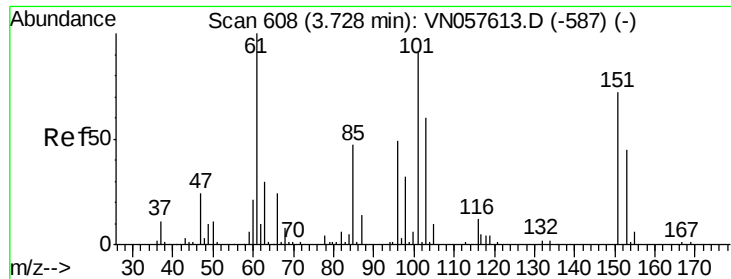


#8

Diethyl Ether
 Concen: 49.799 ug/l
 RT: 3.40 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: VN057616.D
 Acq: 31 Aug 2019 15:17

Tgt Ion: 74 Resp: 68643
 Ion Ratio Lower Upper
 74 100
 45 118.8 61.9 185.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.829 ug/l

RT: 3.73 min Scan# 609

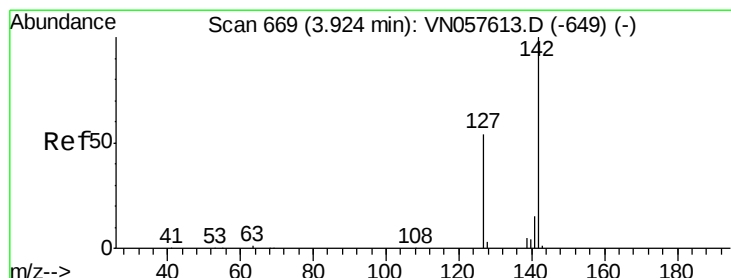
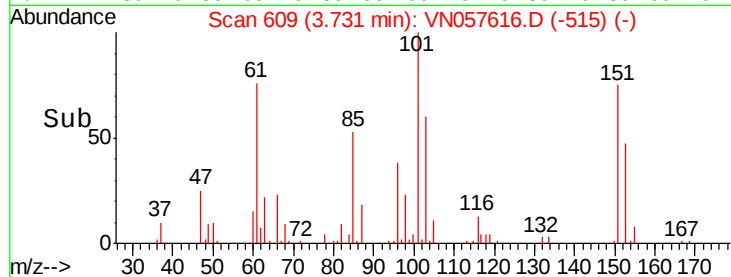
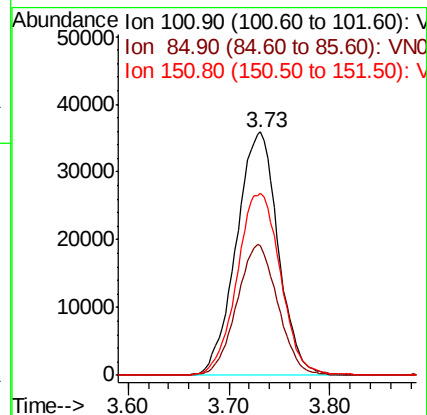
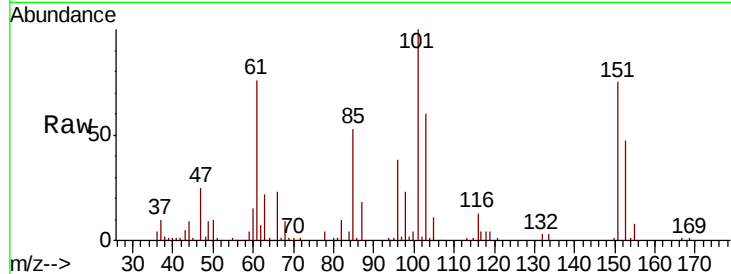
Delta R.T. 0.00 min

Lab File: VN057616.D

Acq: 31 Aug 2019 15:17

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	101	Resp:	103120
Ion	Ratio	Lower	Upper
101	100		
85	52.7	42.1	63.1
151	77.9	60.2	90.4



#10

Methyl Iodide

Concen: 49.695 ug/l

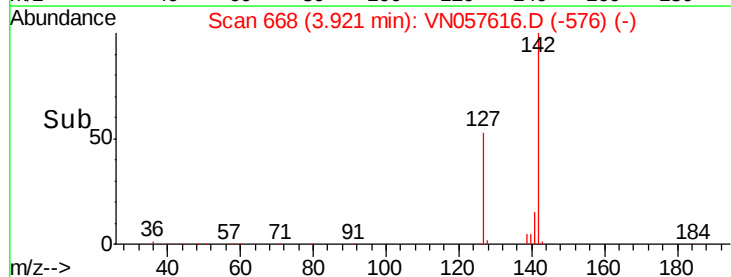
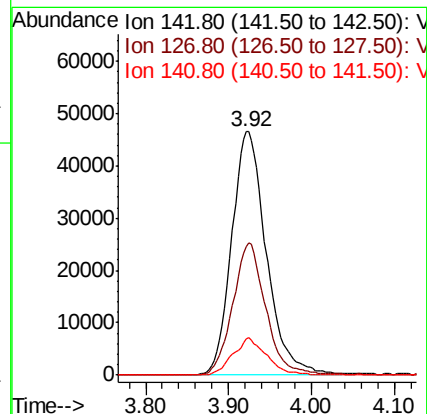
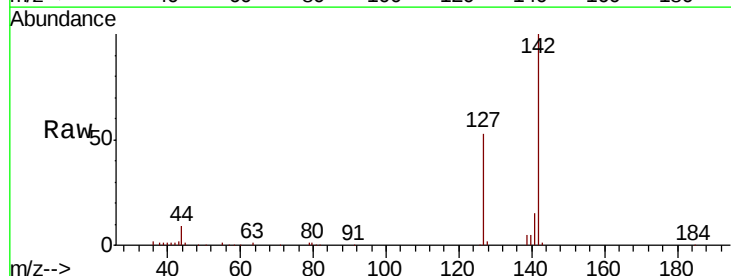
RT: 3.92 min Scan# 668

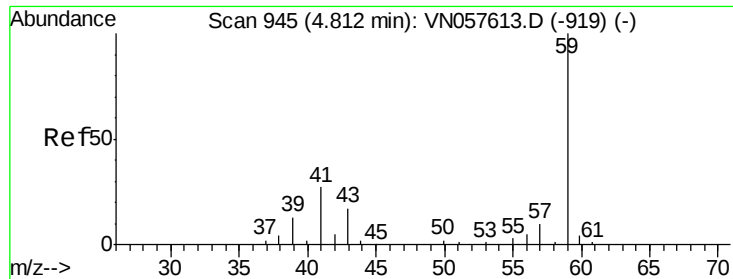
Delta R.T. -0.00 min

Lab File: VN057616.D

Acq: 31 Aug 2019 15:17

Tgt Ion:	142	Resp:	135501
Ion	Ratio	Lower	Upper
142	100		
127	51.7	43.0	64.6
141	14.7	11.4	17.2

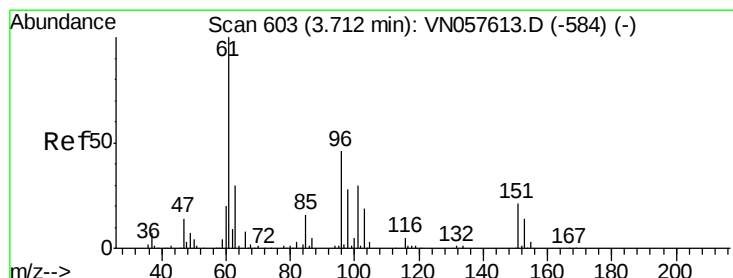
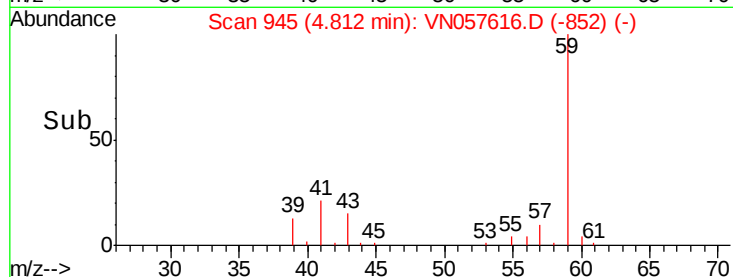
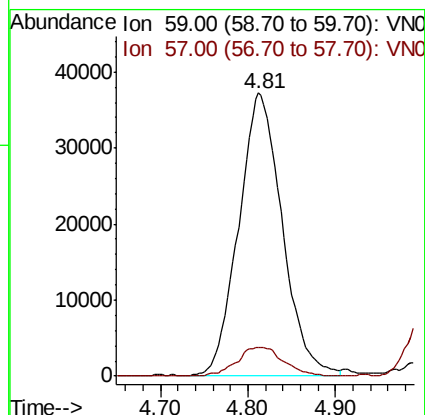
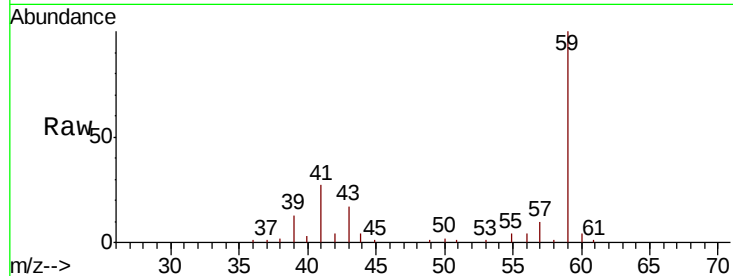




#11
Tert butyl alcohol
Concen: 264.276 ug/l
RT: 4.81 min Scan# 945
Delta R.T. -0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

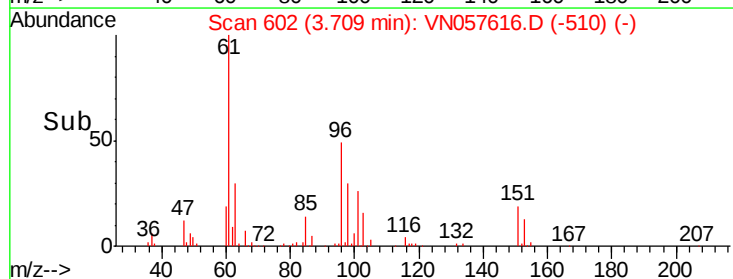
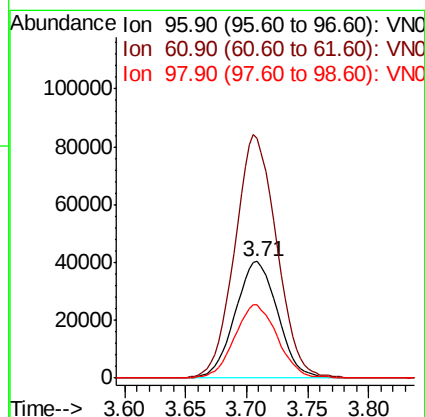
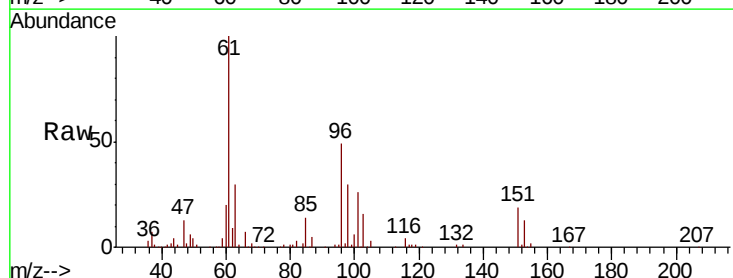
Instrument :
MSVOA_N
ClientSampleId :

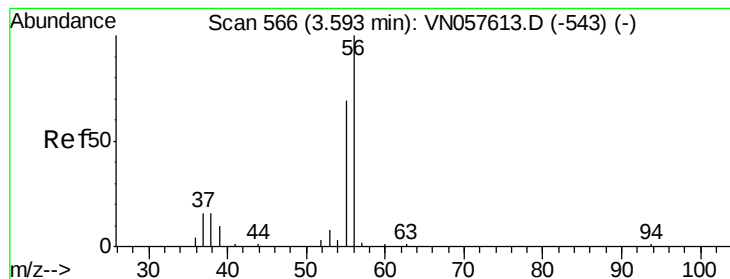
Tot Ion: 59 Resp: 128689
Ion Ratio Lower Upper
59 100
57 10.8 5.0 7.6#



#12
1,1-Dichloroethene
Concen: 50.862 ug/l
RT: 3.71 min Scan# 602
Delta R.T. -0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

Tgt Ion: 96 Resp: 97367
Ion Ratio Lower Upper
96 100
61 204.8 172.1 258.1
98 62.0 48.3 72.5





#13

Acrolein

Concen: 233.603 ug/l

RT: 3.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VN057616.D

Acq: 31 Aug 2019 15:17

Instrument :

MSVOA_N

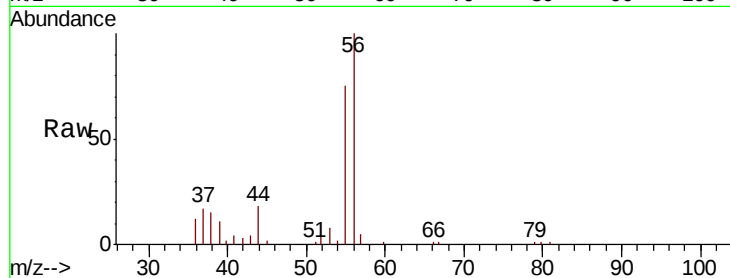
ClientSampled :

Tot Ion: 56 Resp: 45229

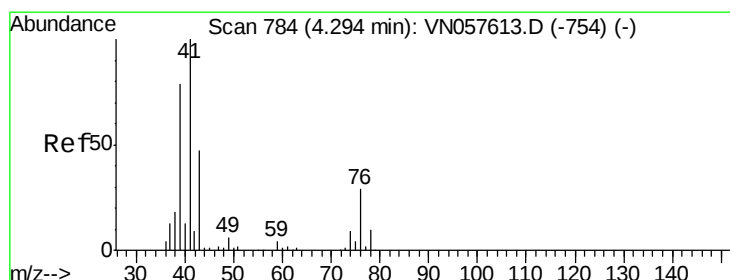
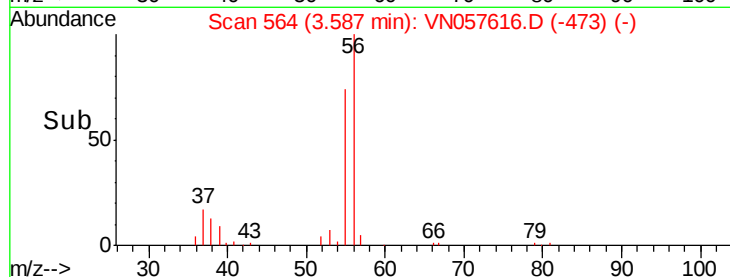
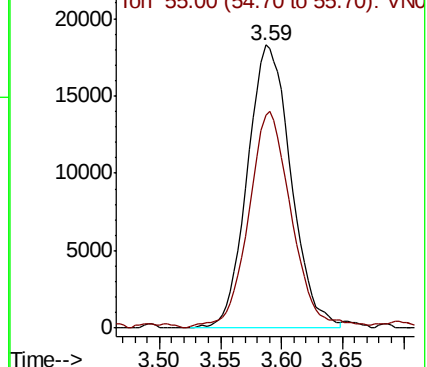
Ion Ratio Lower Upper

56 100

55 75.4 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN057616.D (-473) (-)



#14

Allyl chloride

Concen: 50.909 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN057616.D

Acq: 31 Aug 2019 15:17

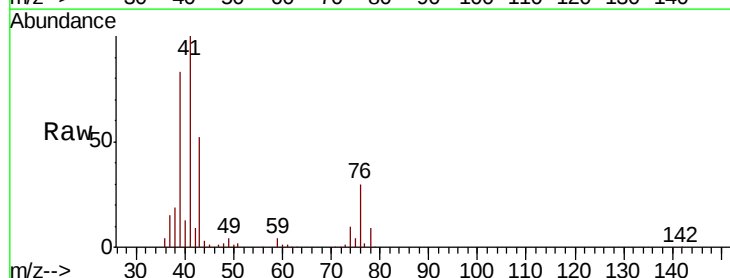
Tgt Ion: 41 Resp: 304044

Ion Ratio Lower Upper

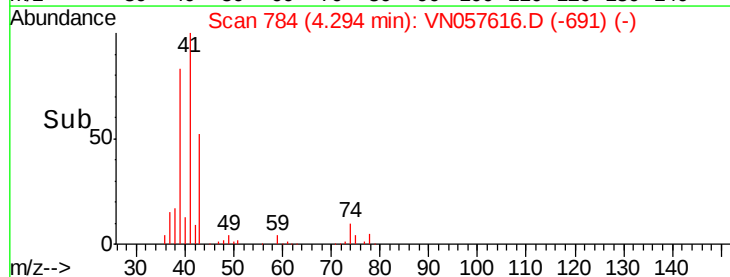
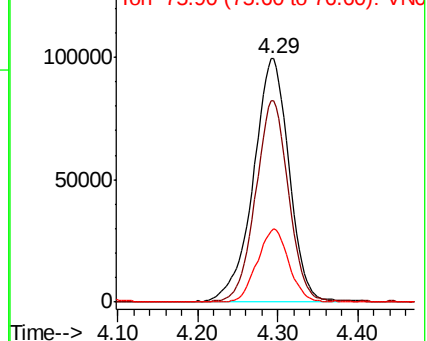
41 100

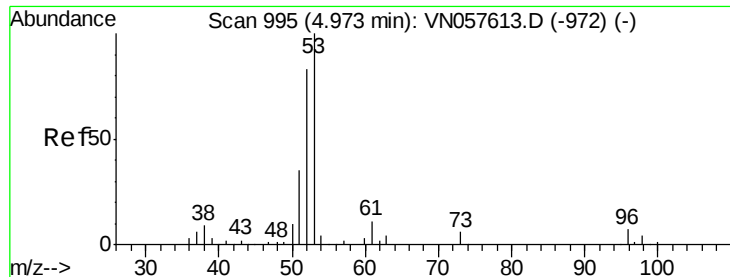
39 76.0 60.9 91.3

76 26.8 21.1 31.7



Abundance Ion 41.00 (40.70 to 41.70): VN057616.D (-691) (-)





#15

Acrylonitrile

Concen: 261.820 ug/l

RT: 4.97 min Scan# 995

Delta R.T. -0.00 min

Lab File: VN057616.D

Acq: 31 Aug 2019 15:17

Instrument :
MSVOA_N
ClientSampled :

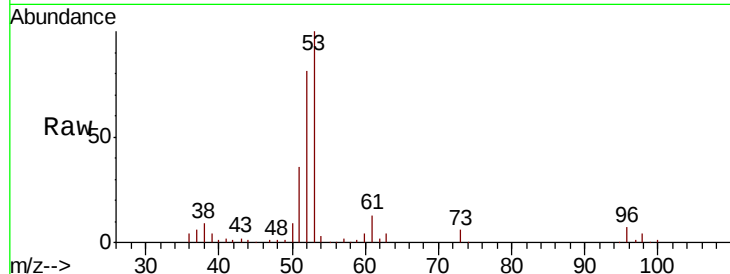
Tot Ion: 53 Resp: 382565

Ion Ratio Lower Upper

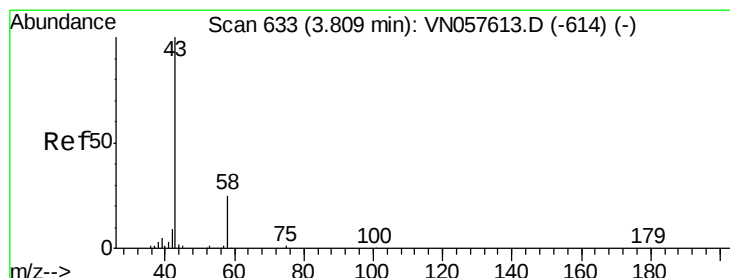
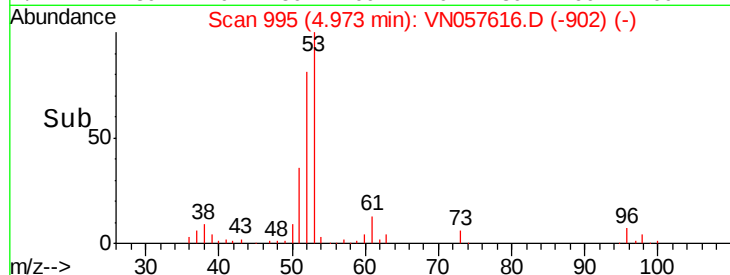
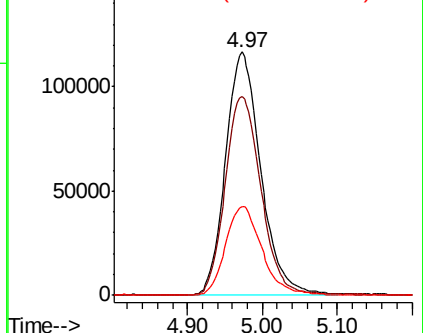
53 100

52 83.1 67.1 100.7

51 37.8 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN0
Ion 52.00 (51.70 to 52.70): VN0
Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 238.228 ug/l

RT: 3.81 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN057616.D

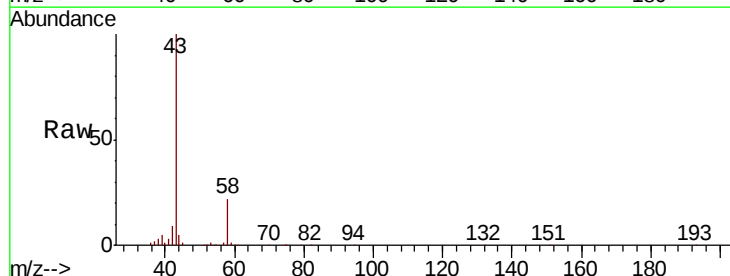
Acq: 31 Aug 2019 15:17

Tgt Ion: 43 Resp: 309969

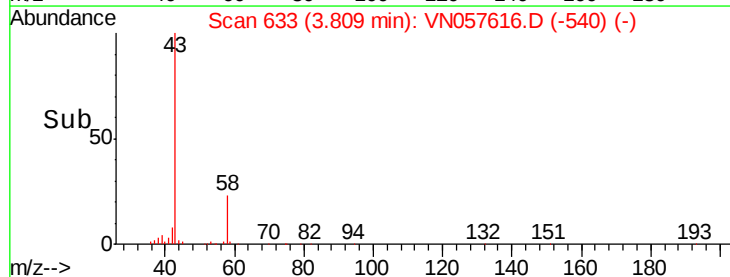
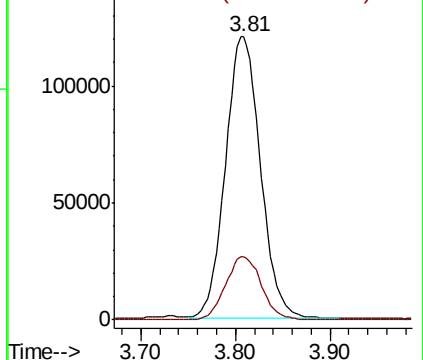
Ion Ratio Lower Upper

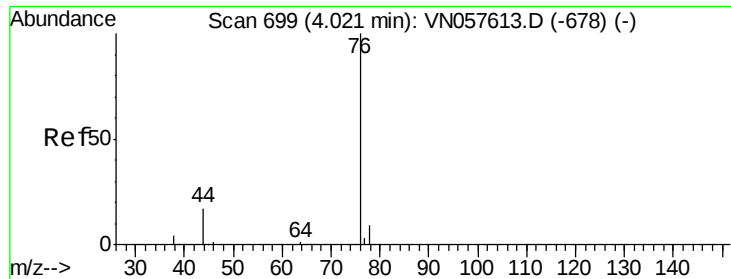
43 100

58 22.6 20.0 30.0



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

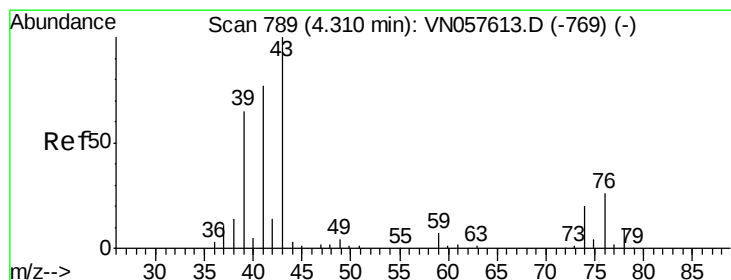
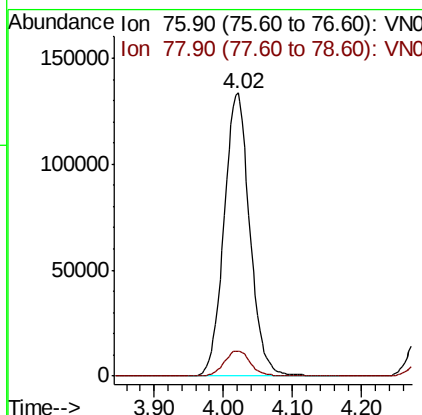
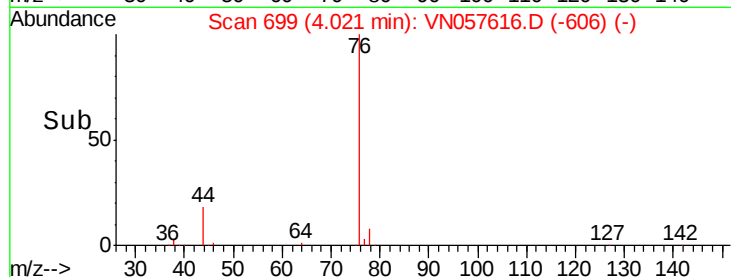
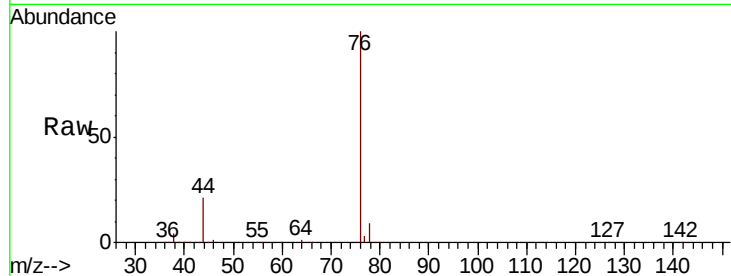




#17
Carbon Disulfide
Concen: 55.896 ug/l
RT: 4.02 min Scan# 699
Delta R.T. -0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

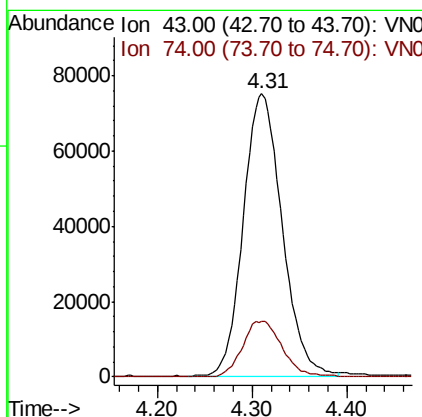
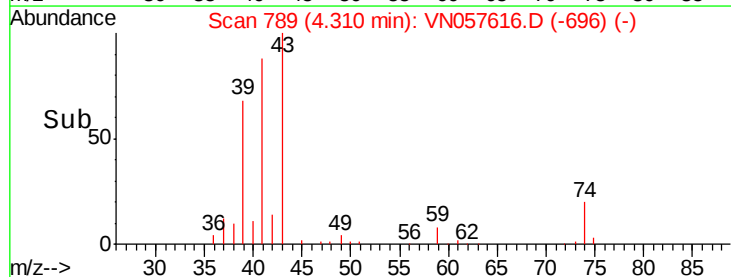
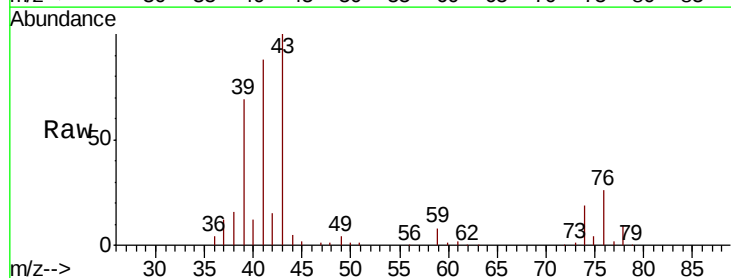
Instrument :
MSVOA_N
ClientSampleId :

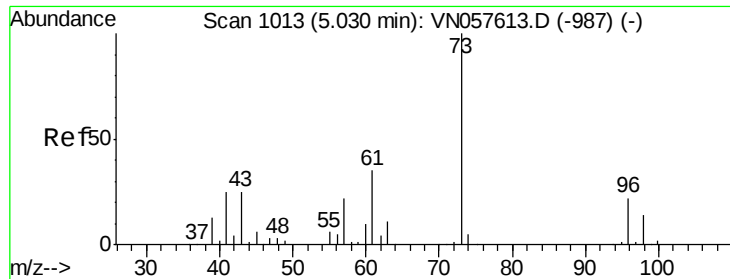
Tot Ion: 76 Resp: 345937
Ion Ratio Lower Upper
76 100
78 9.0 6.9 10.3



#18
Methyl Acetate
Concen: 47.841 ug/l
RT: 4.31 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

Tgt Ion: 43 Resp: 213736
Ion Ratio Lower Upper
43 100
74 20.2 15.7 23.5

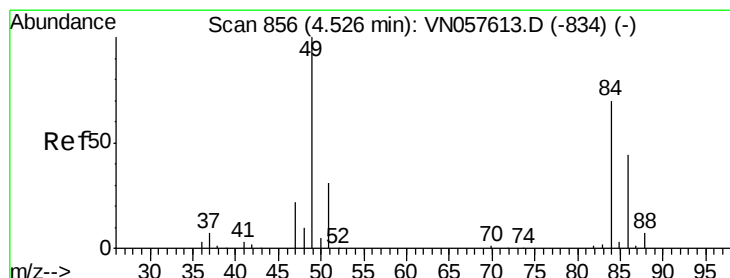
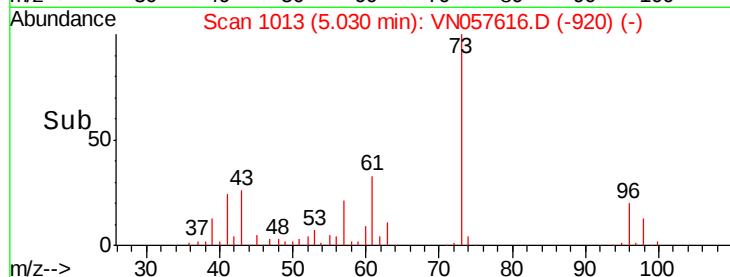
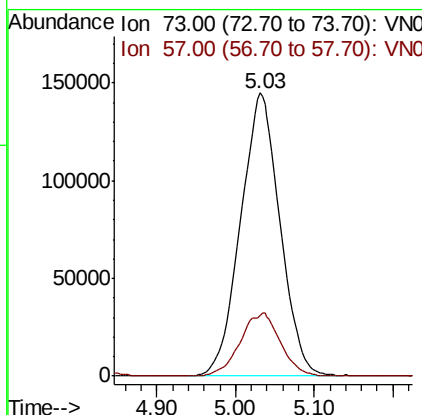
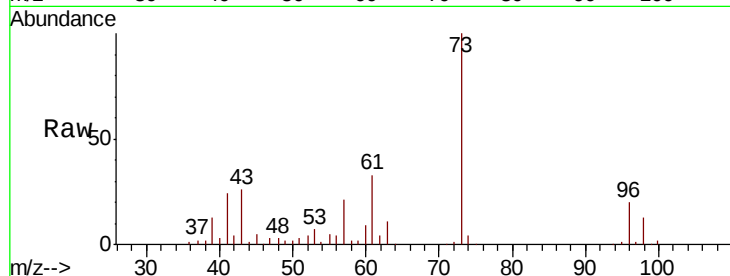




#19
Methyl tert-butyl Ether
Concen: 51.565 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

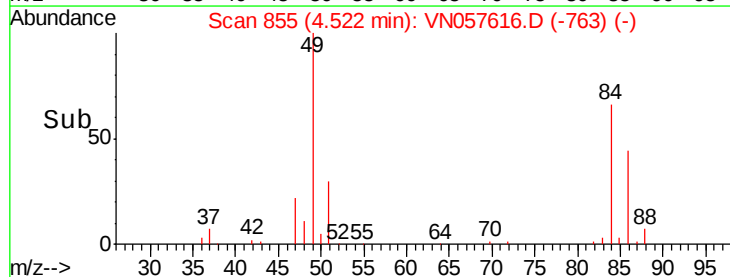
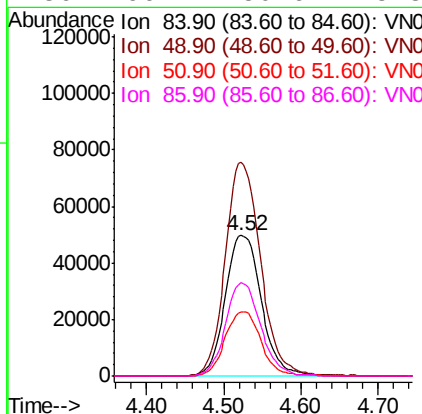
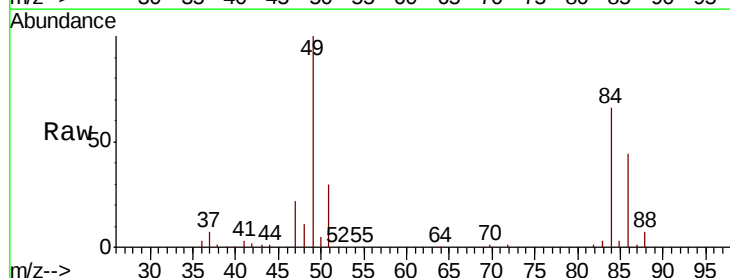
Instrument :
MSVOA_N
ClientSampleId :

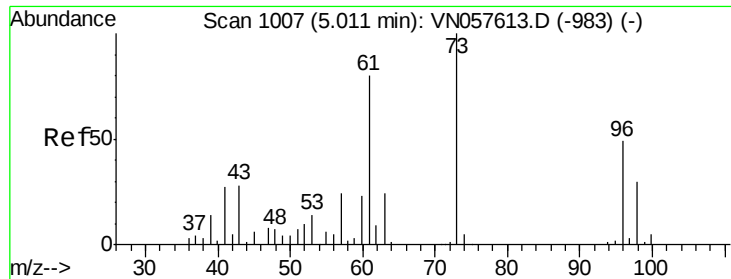
Tot Ion: 73 Resp: 510707
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 49.960 ug/l
RT: 4.52 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

Tgt Ion: 84 Resp: 160931
Ion Ratio Lower Upper
84 100
49 151.4 113.8 170.6
51 45.1 35.0 52.6
86 66.1 50.6 75.8

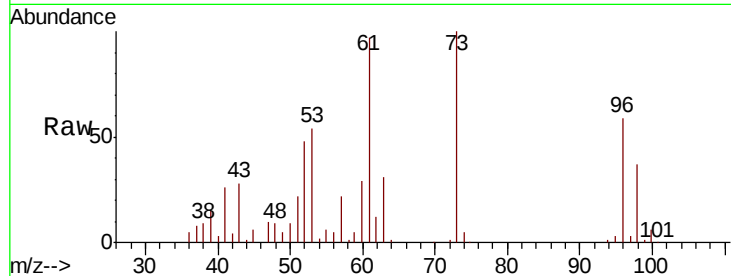




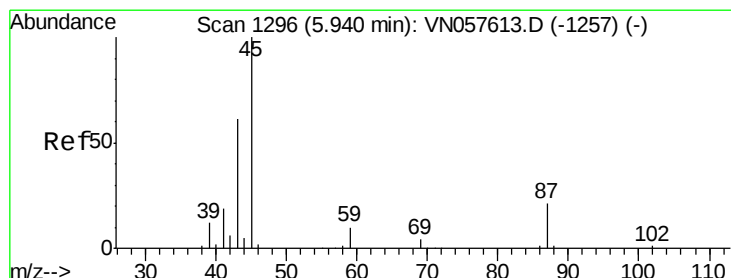
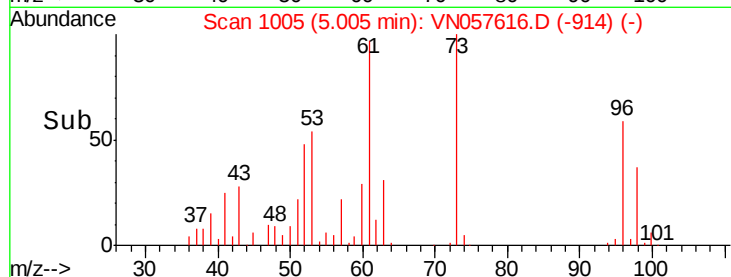
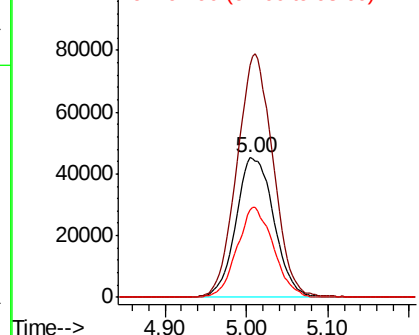
#21
trans-1,2-Dichloroethene
Concen: 51.322 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 146065
Ion Ratio Lower Upper
96 100
61 166.3 131.6 197.4
98 62.9 49.9 74.9

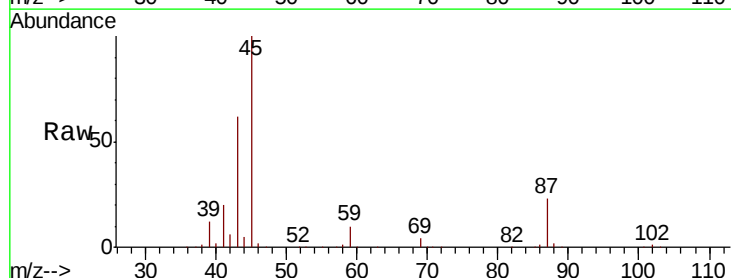


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

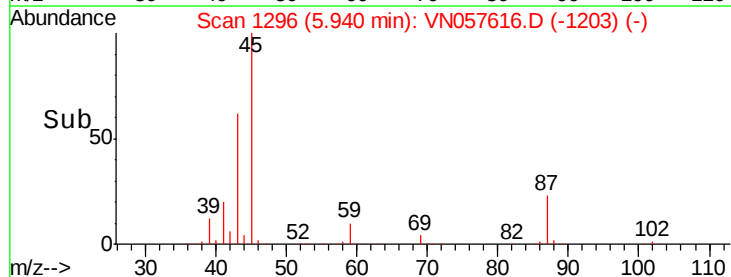
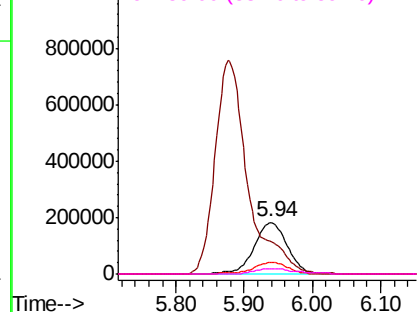


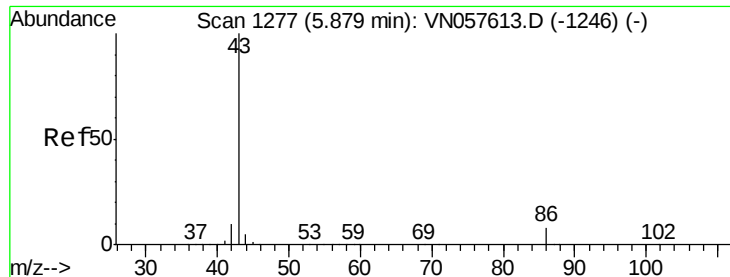
#22
Diisopropyl ether
Concen: 50.284 ug/l
RT: 5.94 min Scan# 1296
Delta R.T. -0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

Tgt Ion: 45 Resp: 617336
Ion Ratio Lower Upper
45 100
43 61.0 49.1 73.7
87 23.1 17.0 25.6
59 10.2 8.2 12.2



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

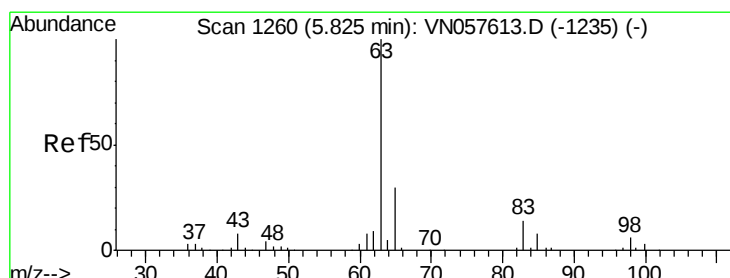
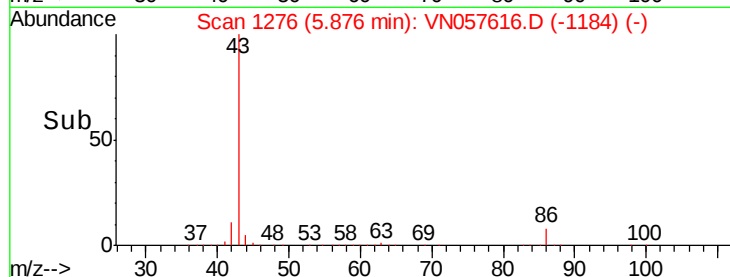
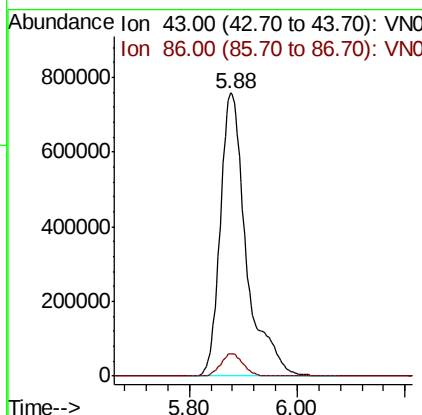
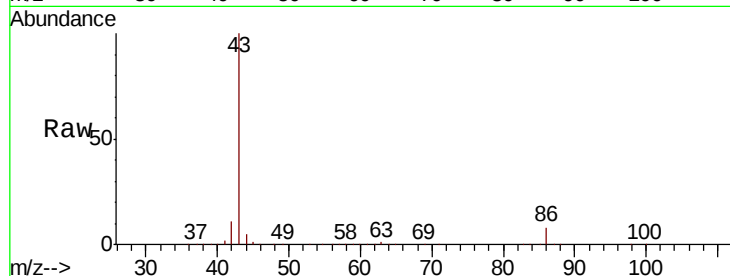




#23
 Vinyl Acetate
 Concen: 268.413 ug/l
 RT: 5.88 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN057616.D
 Acq: 31 Aug 2019 15:17

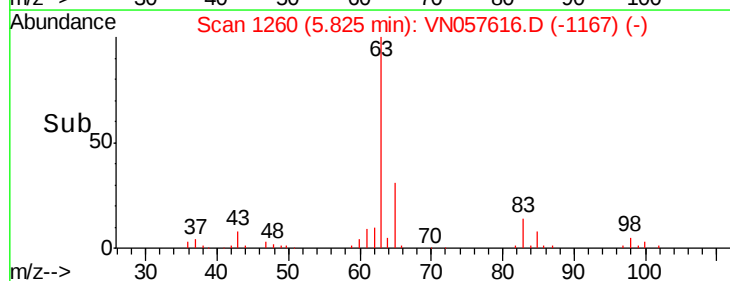
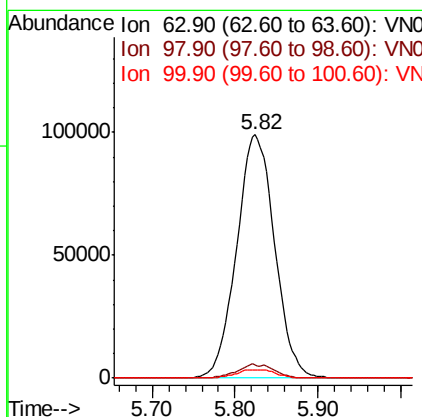
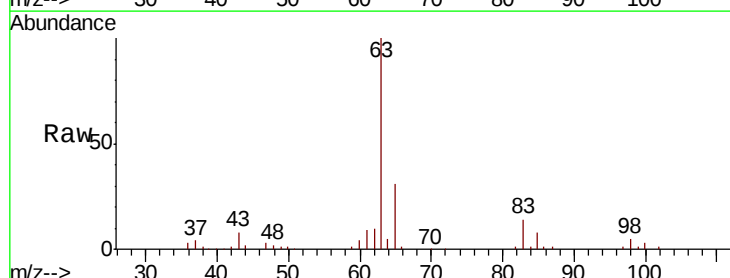
Instrument :
 MSVOA_N
 ClientSampleId :

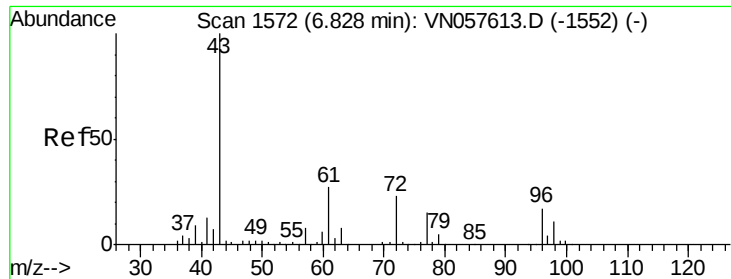
Tot Ion: 43 Resp: 2532580
 Ion Ratio Lower Upper
 43 100
 86 7.9 6.1 9.1



#24
 1,1-Dichloroethane
 Concen: 51.164 ug/l
 RT: 5.82 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VN057616.D
 Acq: 31 Aug 2019 15:17

Tgt Ion: 63 Resp: 315312
 Ion Ratio Lower Upper
 63 100
 98 5.4 2.8 8.4
 100 3.3 1.5 4.5

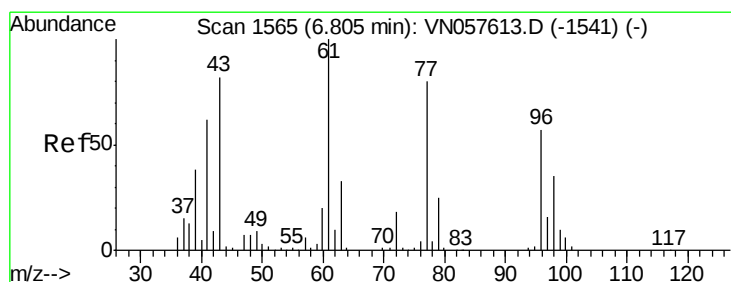
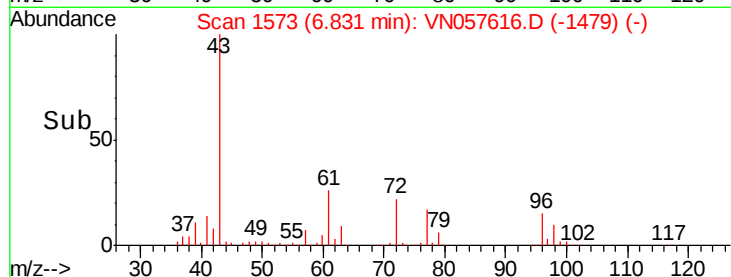
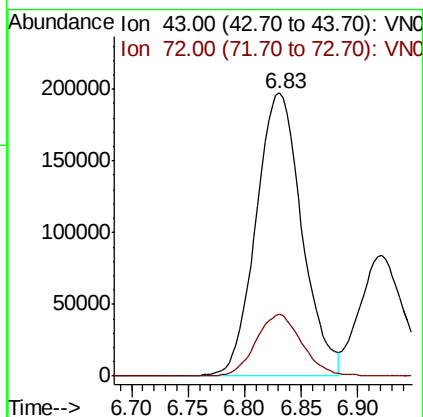
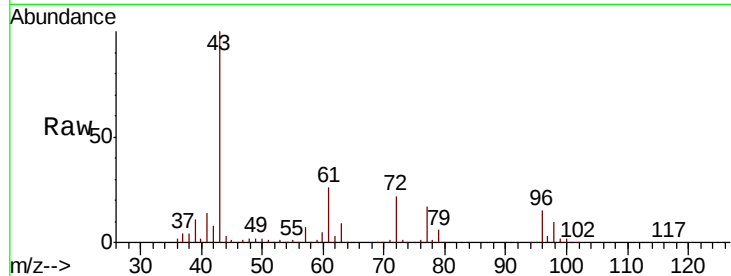




#25
2-Butanone
Concen: 255.627 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

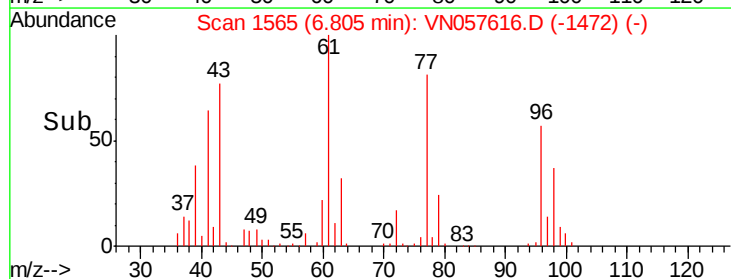
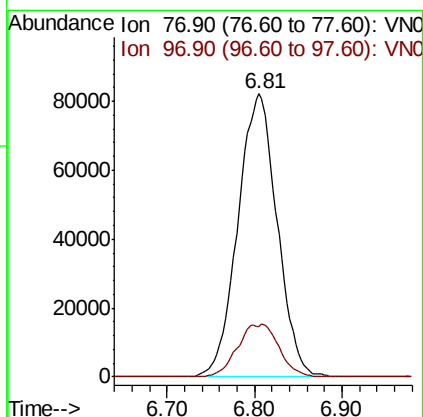
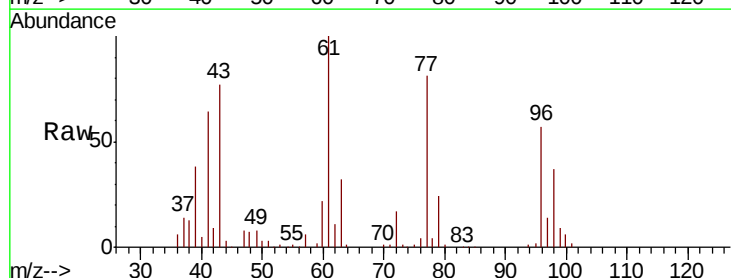
Instrument :
MSVOA_N
ClientSampled :

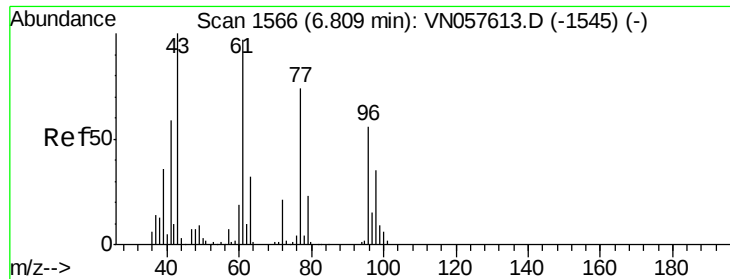
Tot Ion: 43 Resp: 554226
Ion Ratio Lower Upper
43 100
72 22.0 18.2 27.4



#26
2,2-Dichloropropane
Concen: 51.789 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

Tgt Ion: 77 Resp: 255113
Ion Ratio Lower Upper
77 100
97 9.6 10.6 31.8#





#27

cis-1,2-Dichloroethene

Concen: 50.733 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN057616.D

Acq: 31 Aug 2019 15:17

Instrument :
MSVOA_N
ClientSampled :

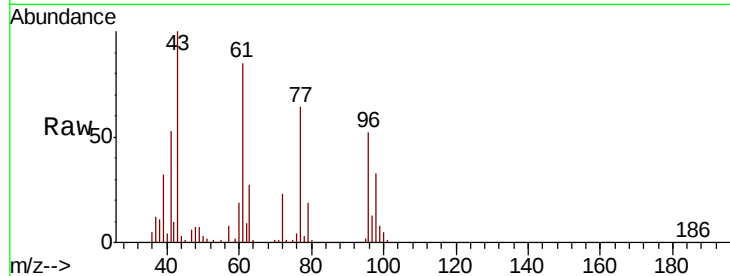
Tot Ion: 96 Resp: 172423

Ion Ratio Lower Upper

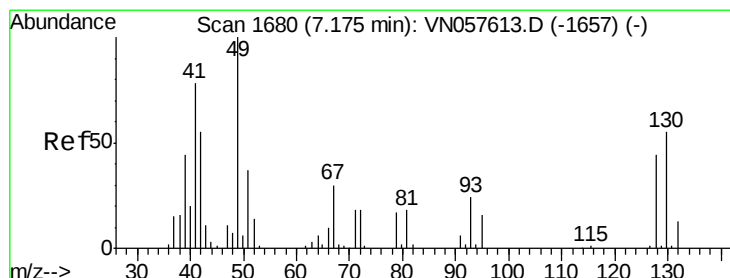
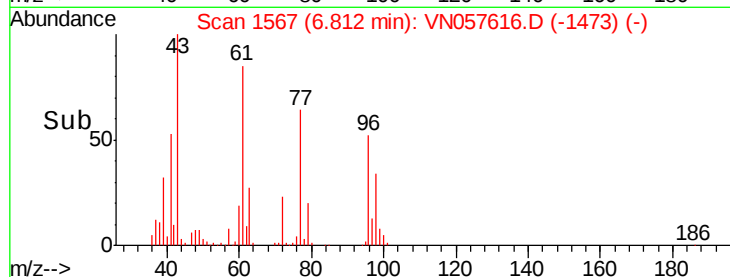
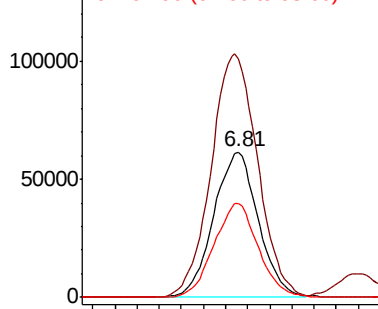
96 100

61 174.6 0.0 344.6

98 64.3 0.0 124.8



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



#28

Bromochloromethane

Concen: 49.882 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN057616.D

Acq: 31 Aug 2019 15:17

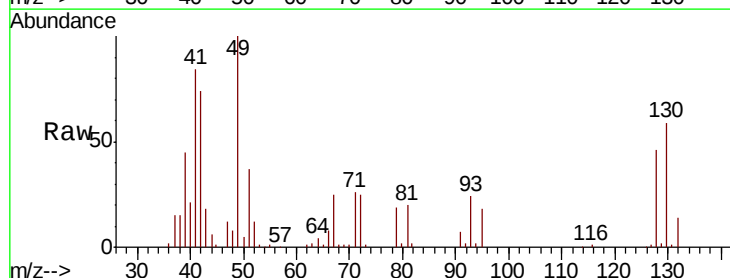
Tgt Ion: 49 Resp: 163706

Ion Ratio Lower Upper

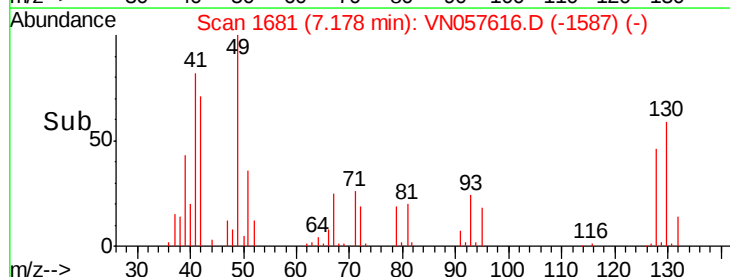
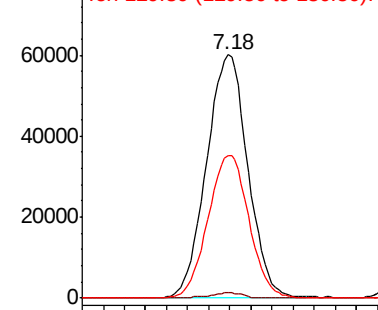
49 100

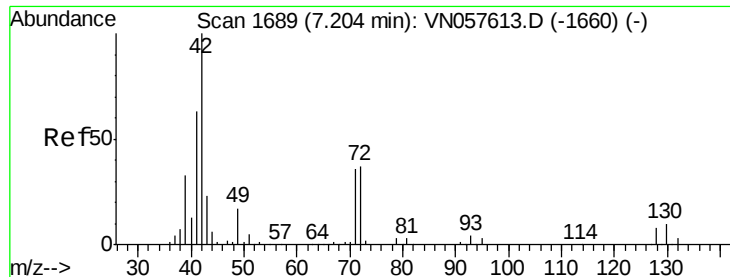
129 1.7 0.0 1.8

130 58.2 45.8 68.8



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

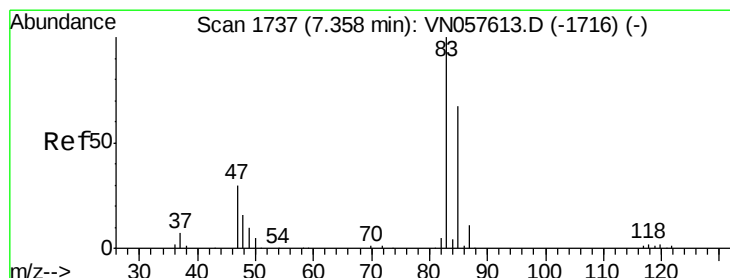
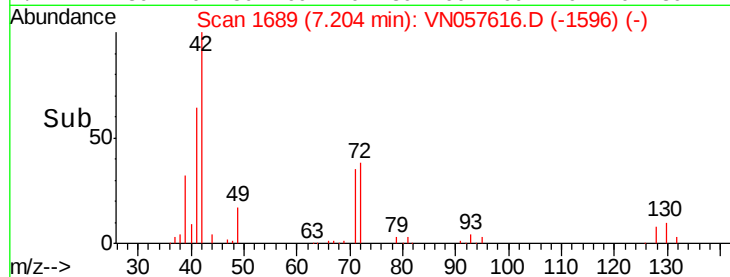
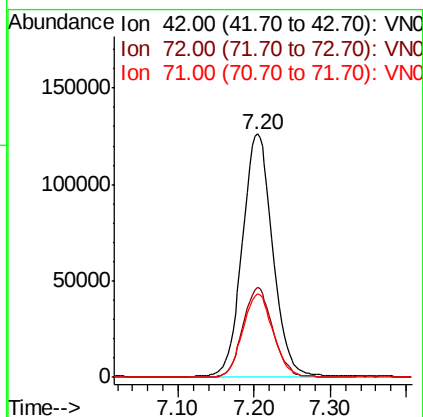
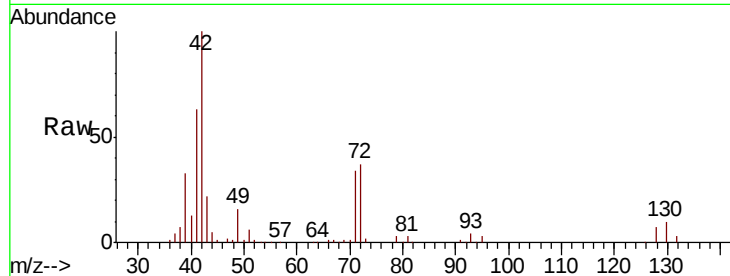




#29
Tetrahydrofuran
Concen: 257.977 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

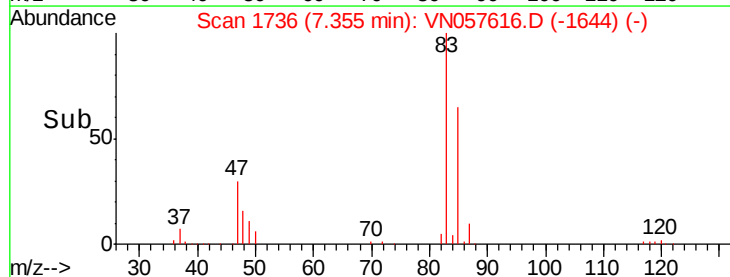
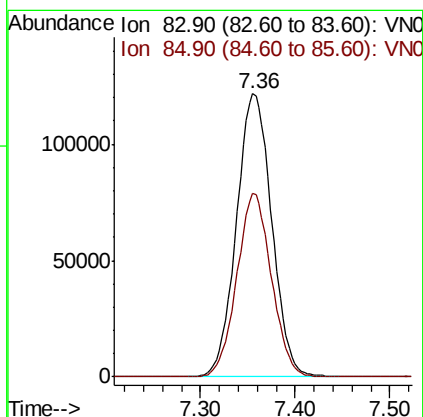
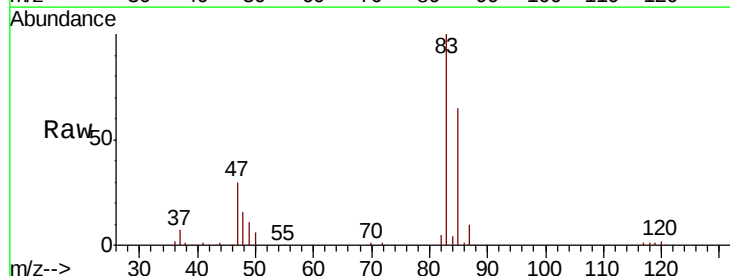
Instrument :
MSVOA_N
ClientSampleId :

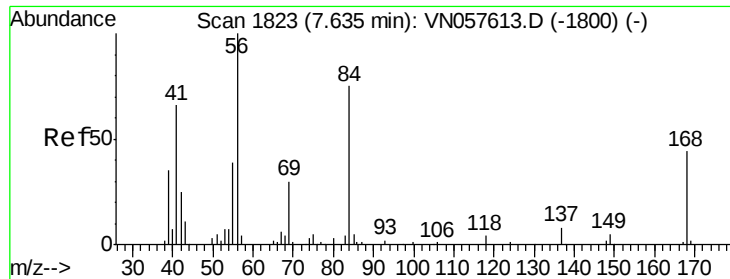
Tot Ion	Ratio	Lower	Upper
42	100		
72	36.3	29.6	44.4
71	34.6	27.9	41.9



#30
Chloroform
Concen: 50.466 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	53.2	79.8

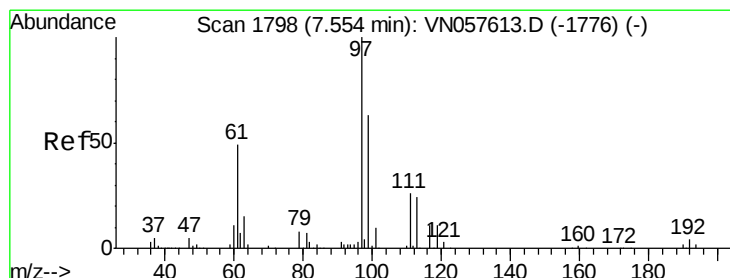
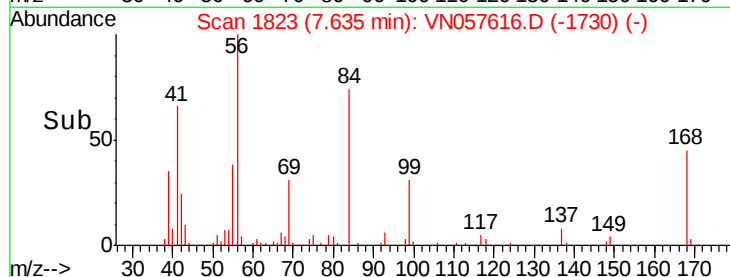
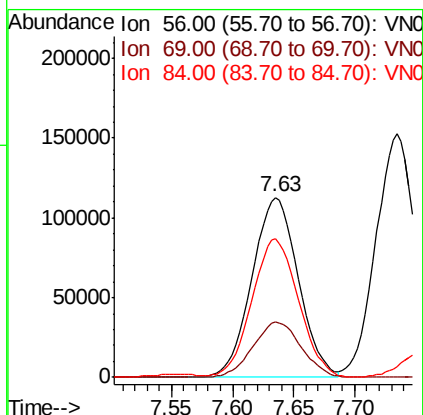
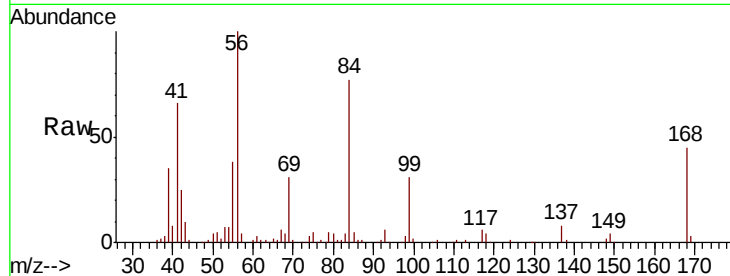




#31
Cyclohexane
Concen: 48.256 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

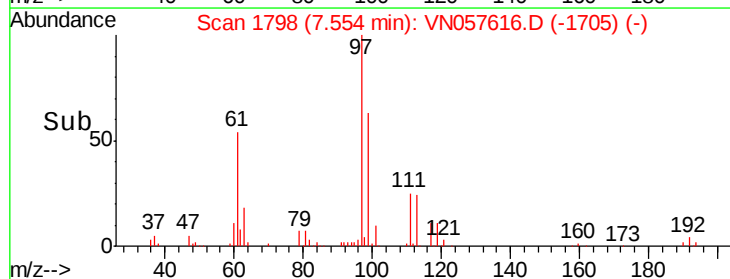
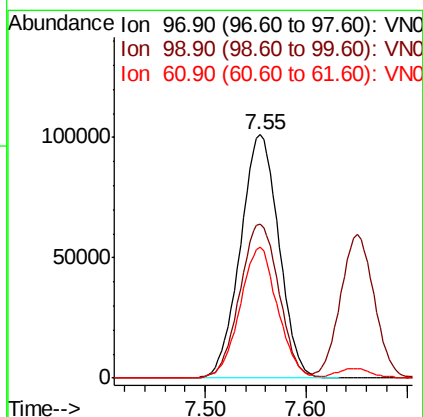
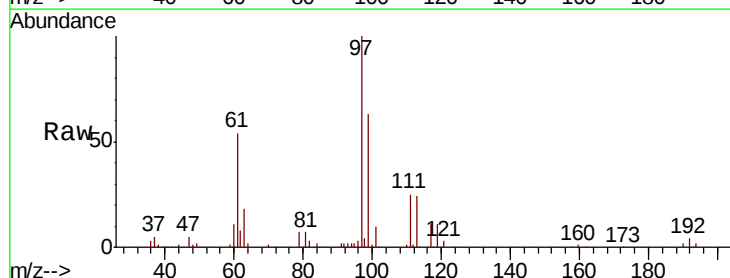
Instrument :
MSVOA_N
ClientSampled :

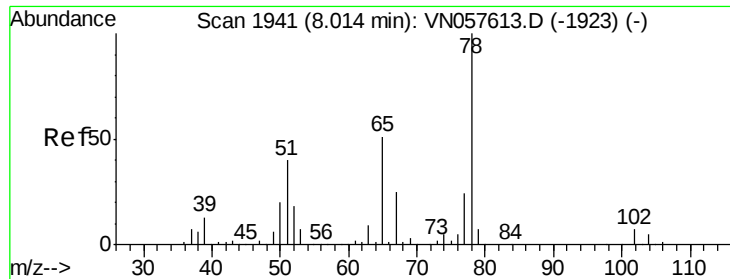
Tot Ion	Ratio	Lower	Upper
56	100		
69	30.6	24.4	36.6
84	75.4	59.9	89.9



#32
1,1,1-Trichloroethane
Concen: 52.284 ug/l
RT: 7.55 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.6	75.8
61	52.5	41.1	61.7

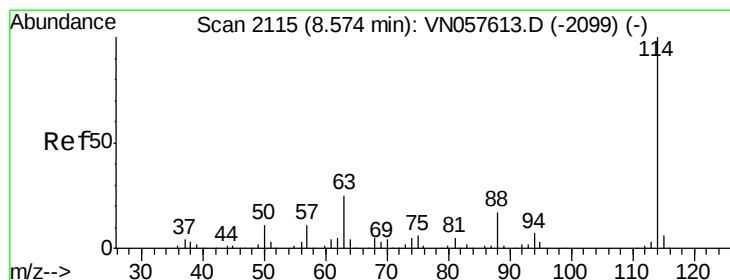
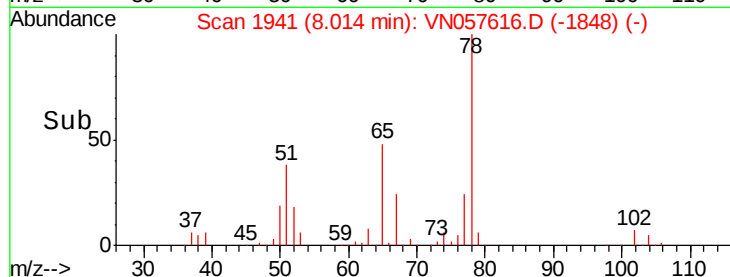
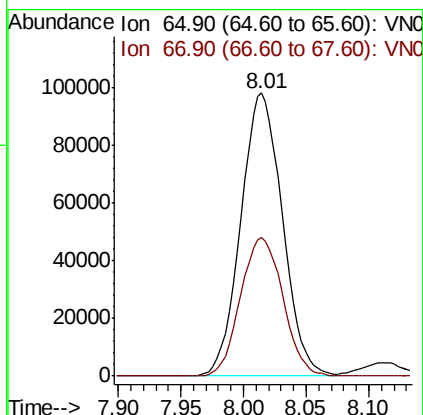
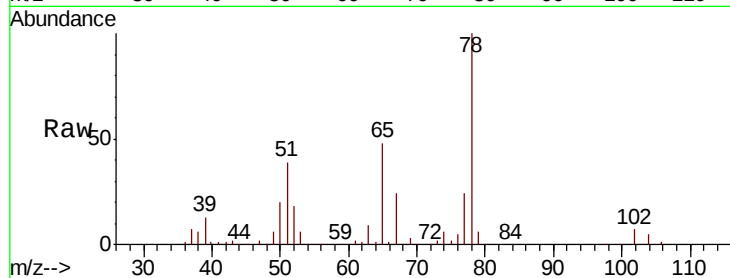




#33
 1,2-Dichloroethane-d4
 Concen: 48.919 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: VN057616.D
 Acq: 31 Aug 2019 15:17

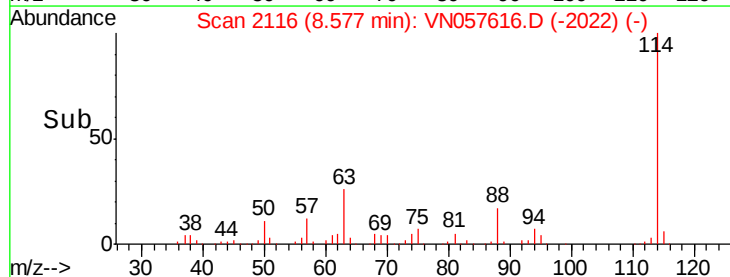
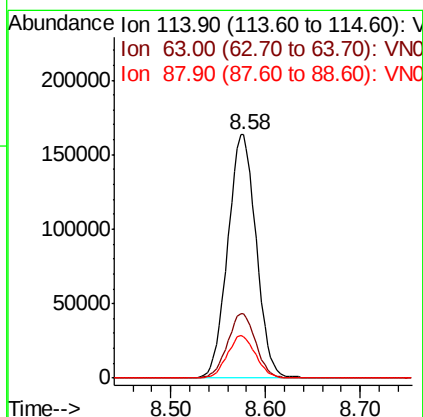
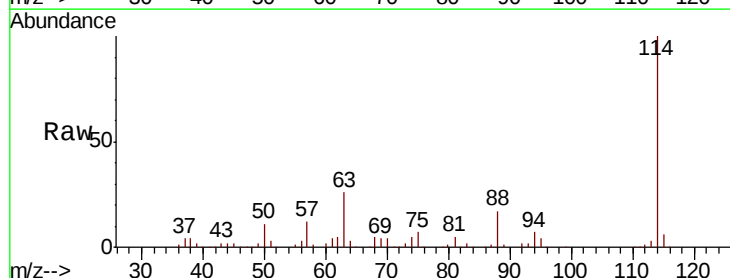
Instrument :
 MSVOA_N
 ClientSampled :

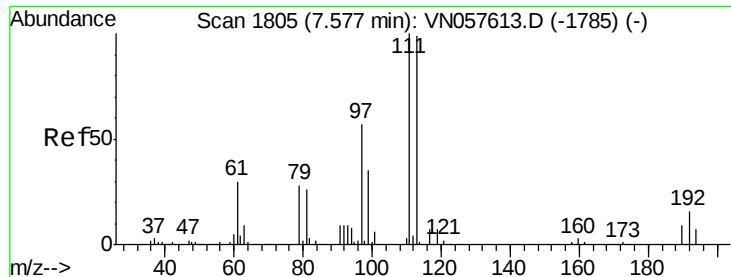
Tot Ion: 65 Resp: 227118
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057616.D
 Acq: 31 Aug 2019 15:17

Tgt Ion: 114 Resp: 340133
 Ion Ratio Lower Upper
 114 100
 63 26.5 0.0 49.0
 88 17.1 0.0 33.0

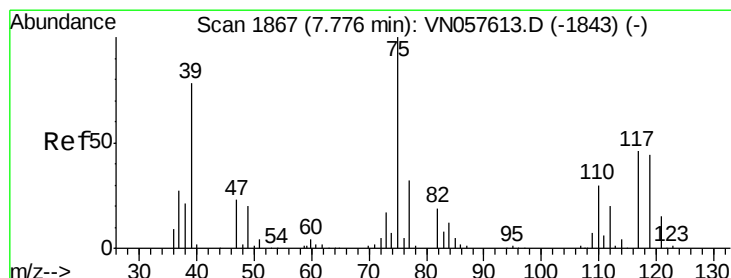
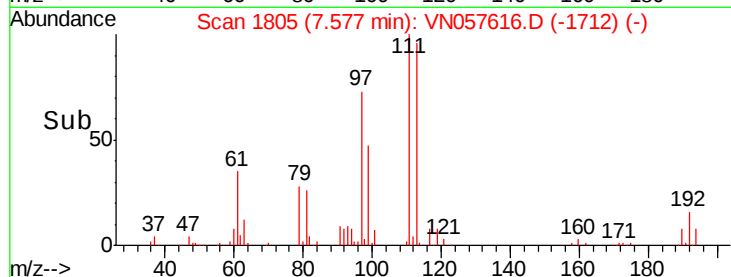
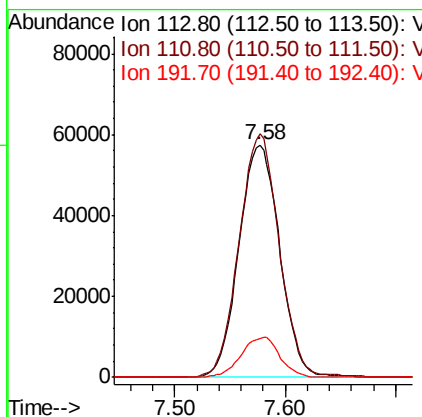
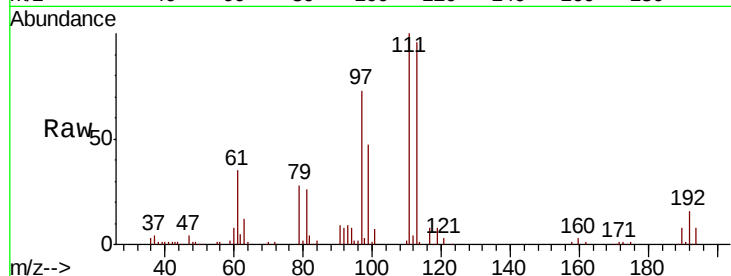




#35
 Dibromofluoromethane
 Concen: 49.485 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN057616.D
 Acq: 31 Aug 2019 15:17

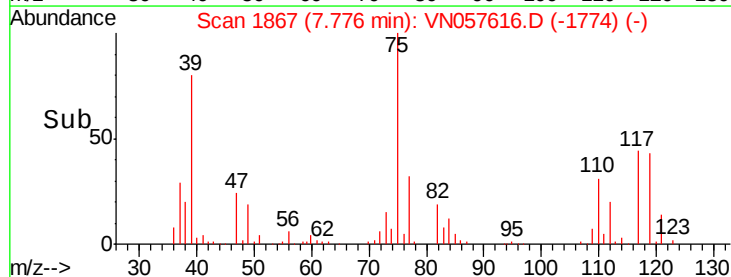
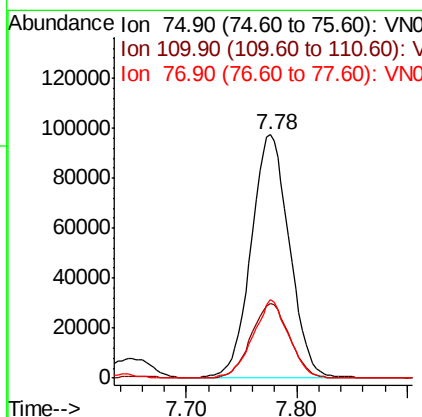
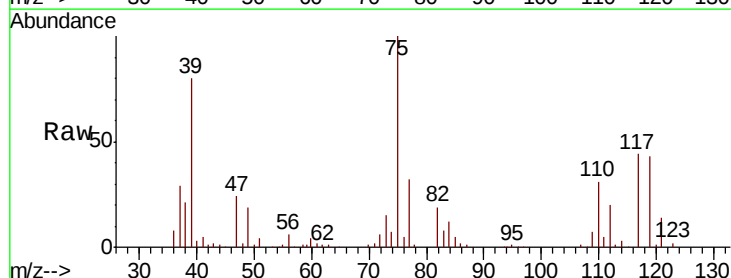
Instrument :
 MSVOA_N
 ClientSampleId :

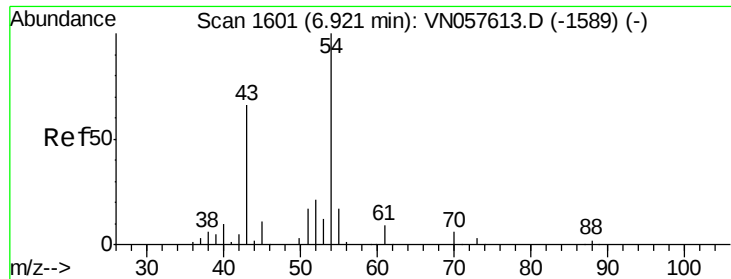
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.3	121.9
192	16.5	13.5	20.3



#36
 1,1-Dichloropropene
 Concen: 51.589 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN057616.D
 Acq: 31 Aug 2019 15:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.1	15.6	46.8
77	30.5	24.9	37.3

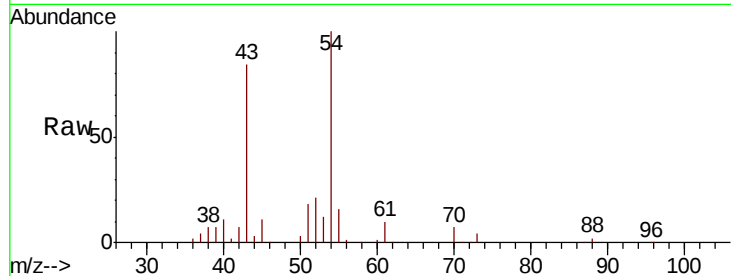




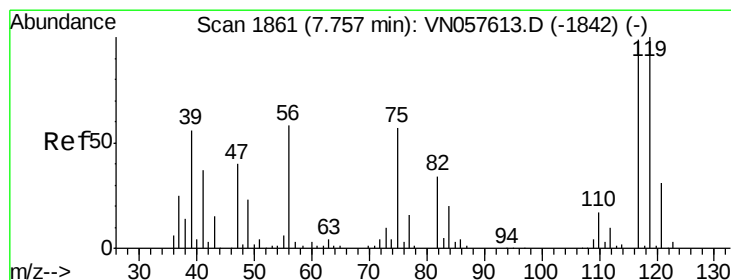
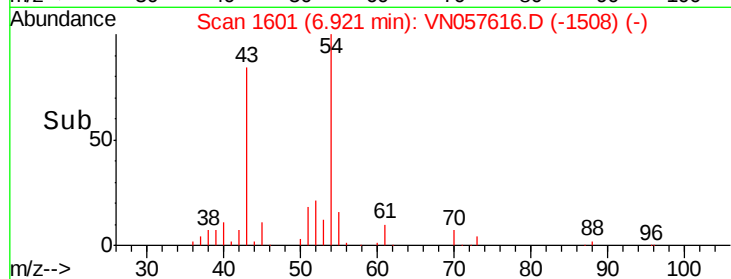
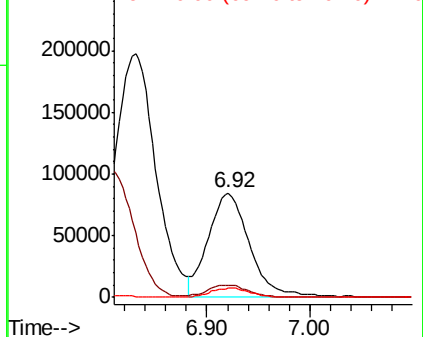
#37
Ethyl Acetate
Concen: 53.726 ug/l
RT: 6.92 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 230781
Ion Ratio Lower Upper
43 100
61 11.8 10.1 15.1
70 8.8 6.8 10.2

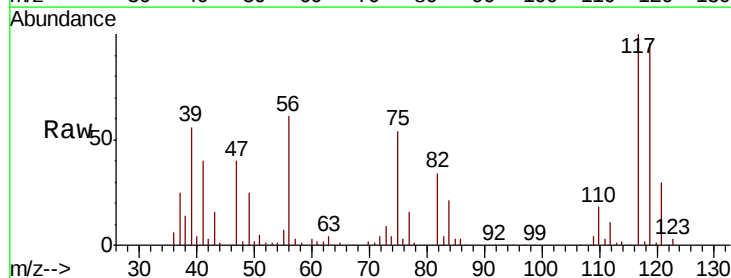


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

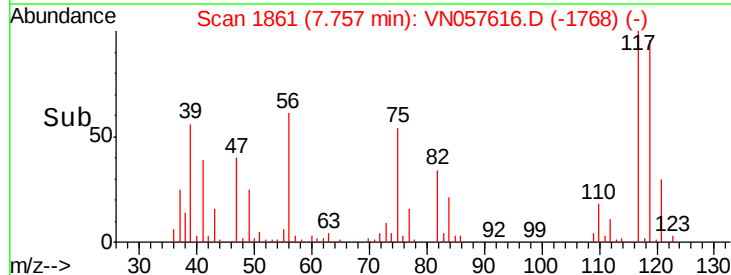
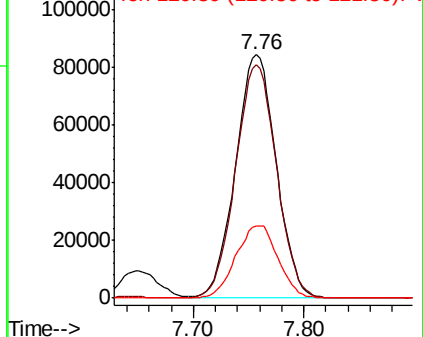


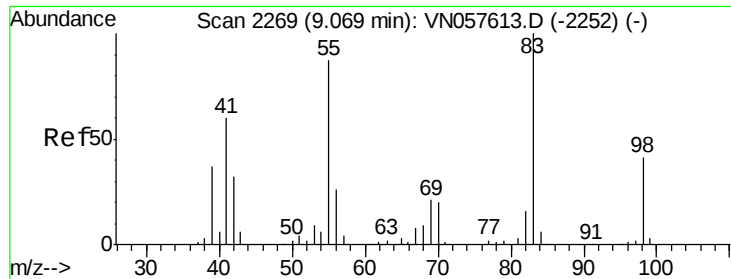
#38
Carbon Tetrachloride
Concen: 52.968 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

Tgt Ion: 117 Resp: 213810
Ion Ratio Lower Upper
117 100
119 96.1 80.6 120.8
121 29.6 25.1 37.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

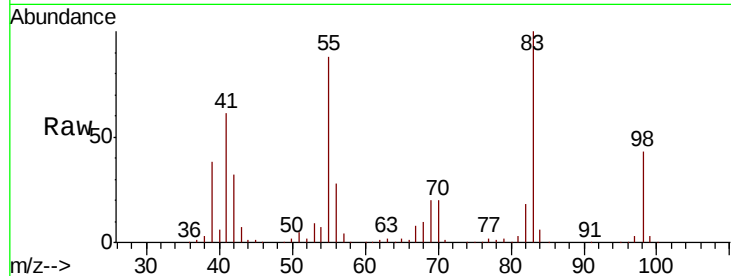




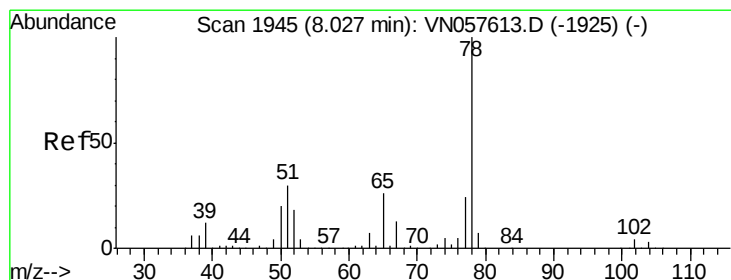
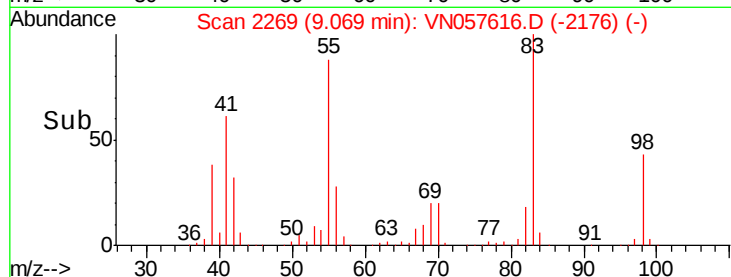
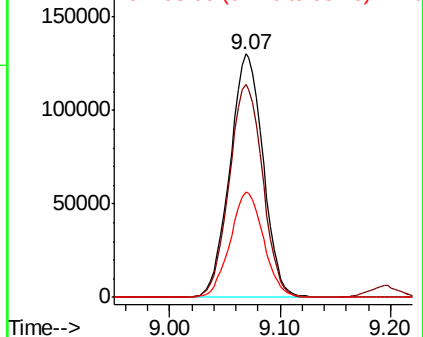
#39
Methvlcvclohexane
Concen: 51.088 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 272188
Ion Ratio Lower Upper
83 100
55 87.4 69.8 104.8
98 43.4 32.7 49.1

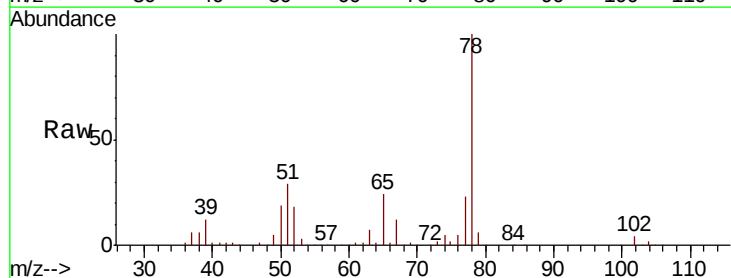


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

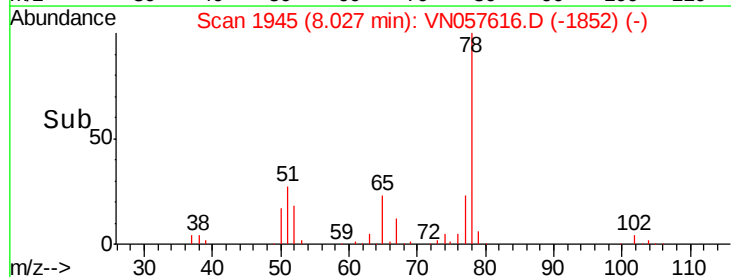
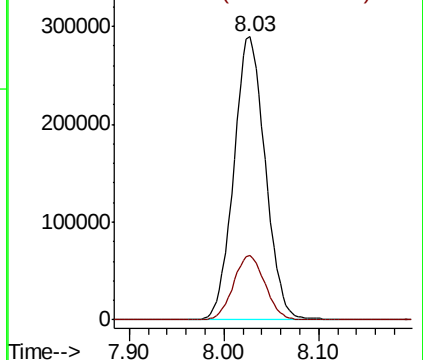


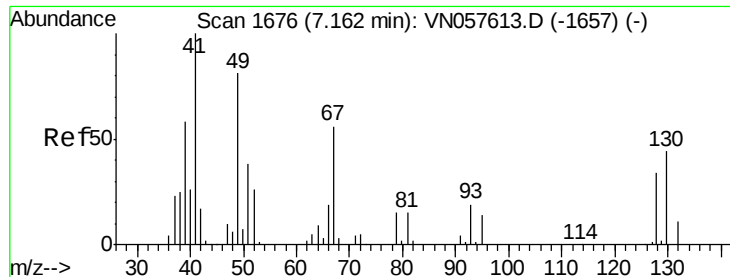
#40
Benzene
Concen: 51.069 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

Tgt Ion: 78 Resp: 670367
Ion Ratio Lower Upper
78 100
77 22.9 19.1 28.7



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





#41

Methacrylonitrile

Concen: 47.264 ug/l

RT: 7.16 min Scan# 1675

Delta R.T. -0.00 min

Lab File: VN057616.D

Acq: 31 Aug 2019 15:17

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 113489

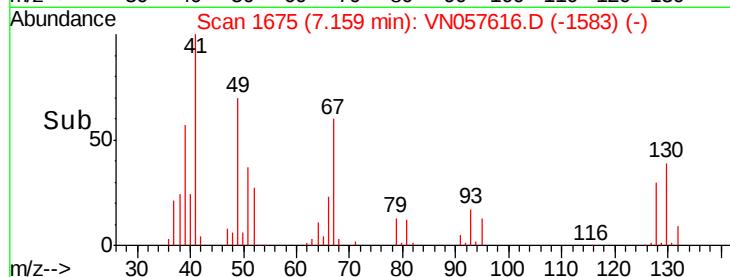
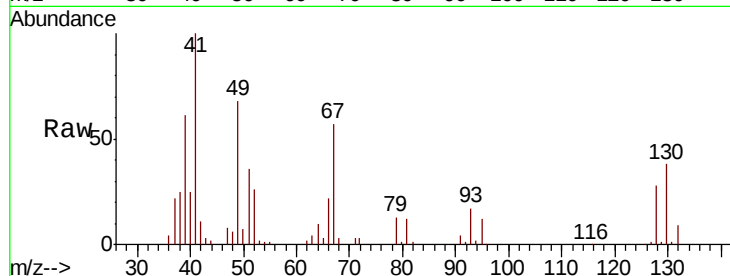
Ion Ratio Lower Upper

41 100

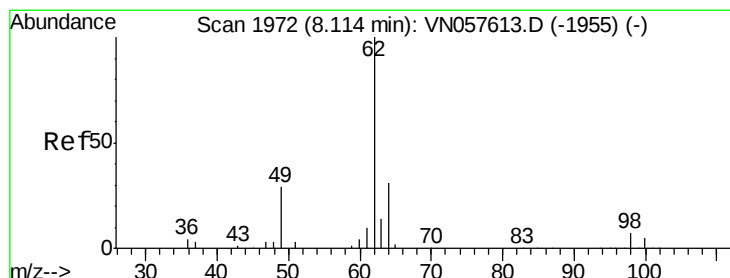
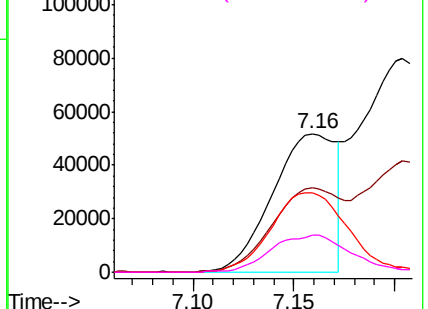
39 65.2 50.6 75.8

67 69.6 56.9 85.3

52 34.5 27.4 41.2



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 52.352 ug/l

RT: 8.11 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VN057616.D

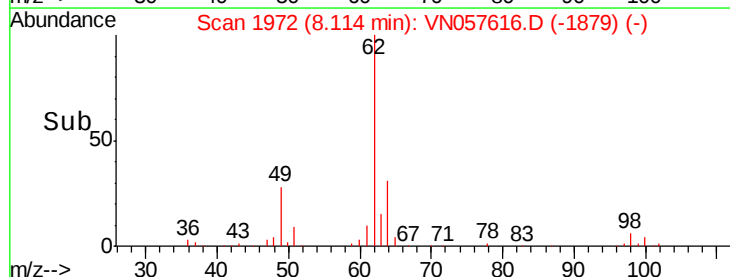
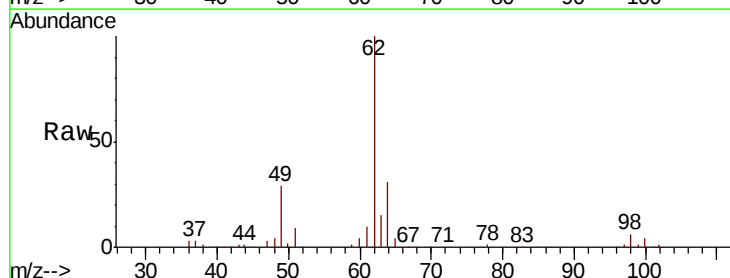
Acq: 31 Aug 2019 15:17

Tgt Ion: 62 Resp: 279124

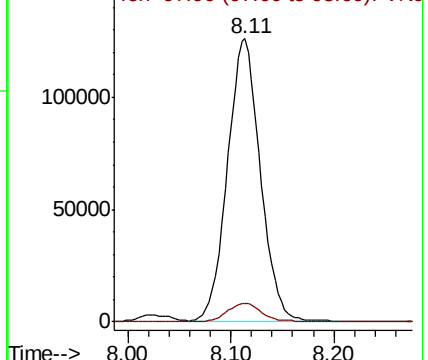
Ion Ratio Lower Upper

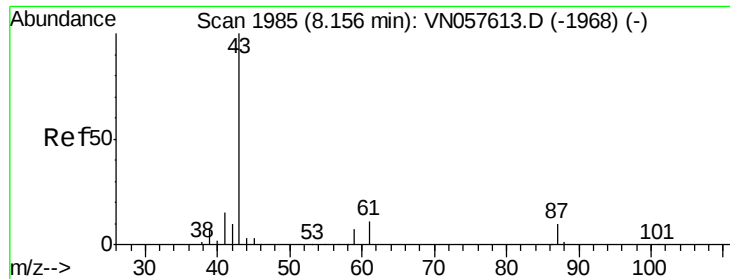
62 100

98 6.9 0.0 14.0



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 52.781 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057616.D

Acq: 31 Aug 2019 15:17

Instrument :

MSVOA_N

ClientSampled :

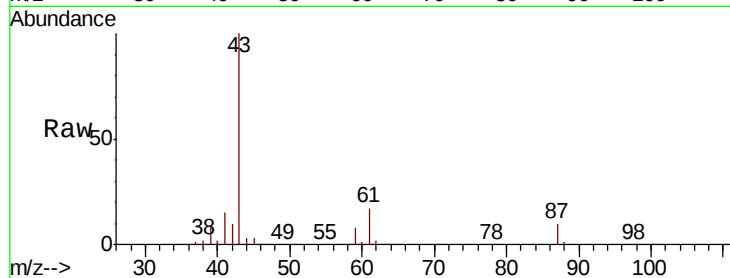
Tot Ion: 43 Resp: 407909

Ion Ratio Lower Upper

43 100

61 16.8 13.1 19.7

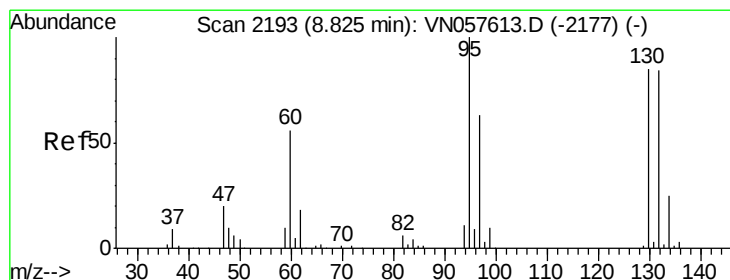
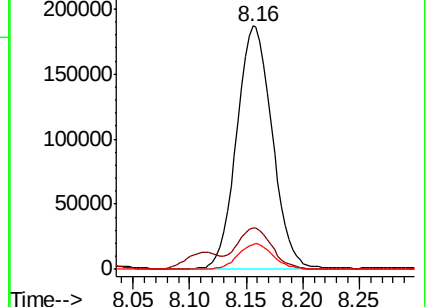
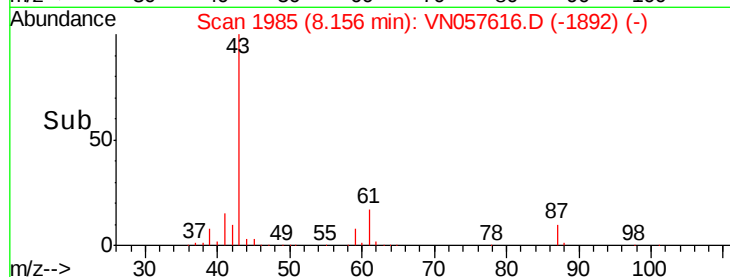
87 10.4 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VN057616.D (-1892) (-)

Ion 61.00 (60.70 to 61.70): VN057616.D (-1892) (-)

Ion 87.00 (86.70 to 87.70): VN057616.D (-1892) (-)



#44

Trichloroethene

Concen: 51.590 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN057616.D

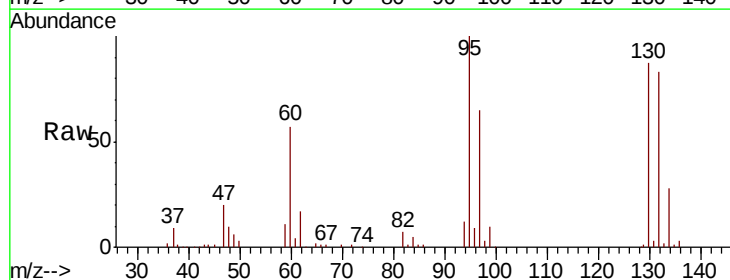
Acq: 31 Aug 2019 15:17

Tgt Ion:130 Resp: 153626

Ion Ratio Lower Upper

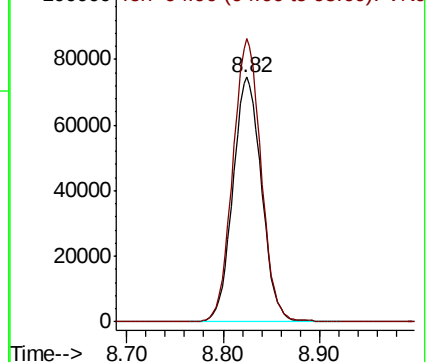
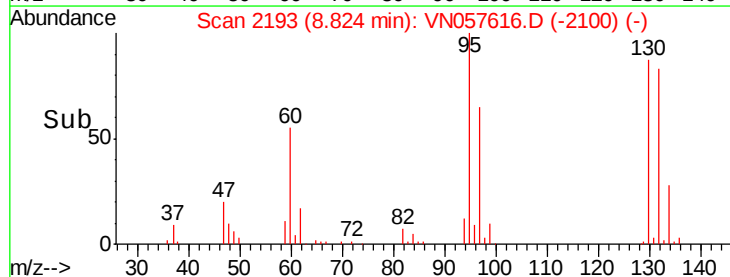
130 100

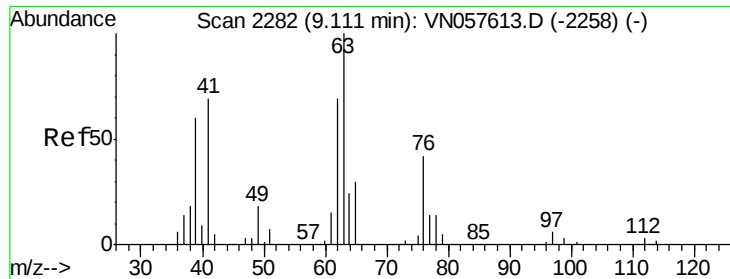
95 115.6 0.0 234.4



Abundance Ion 129.80 (129.50 to 130.50): VN057616.D (-2100) (-)

Ion 94.90 (94.60 to 95.60): VN057616.D (-2100) (-)

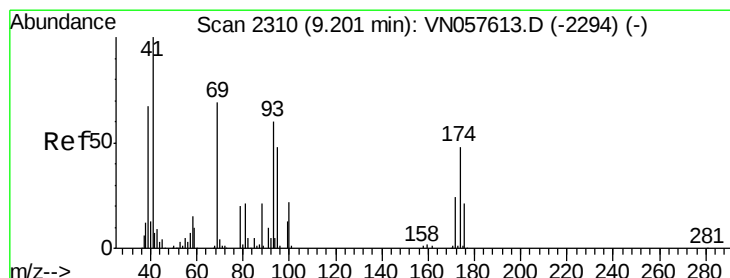
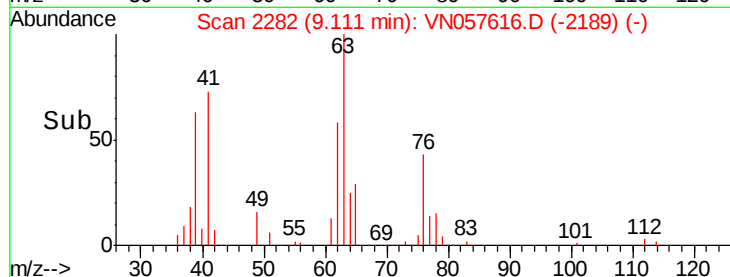
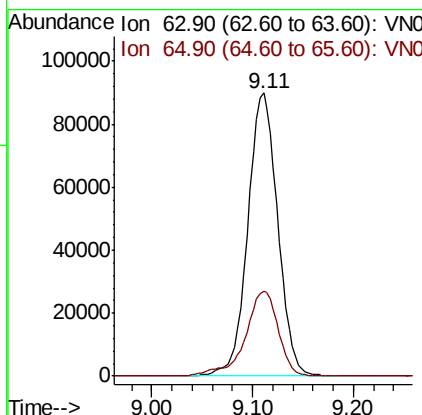
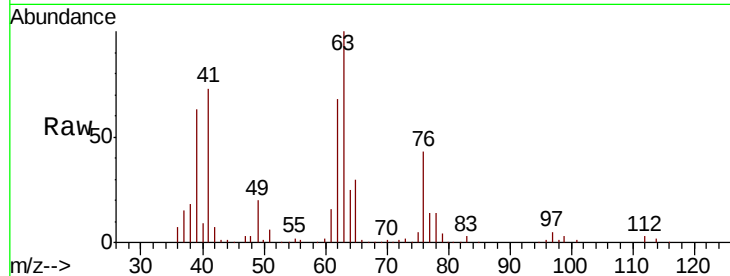




#45
 1,2-Dichloropropane
 Concen: 50.367 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. -0.00 min
 Lab File: VN057616.D
 Acq: 31 Aug 2019 15:17

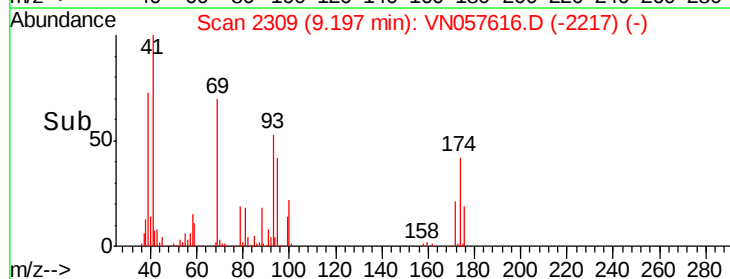
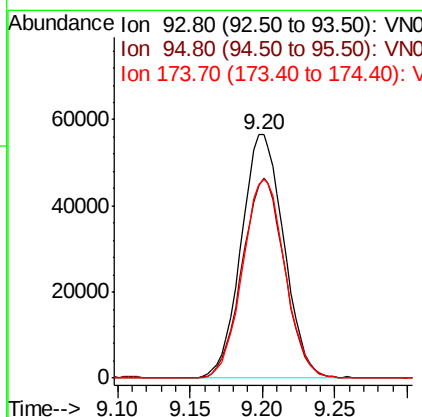
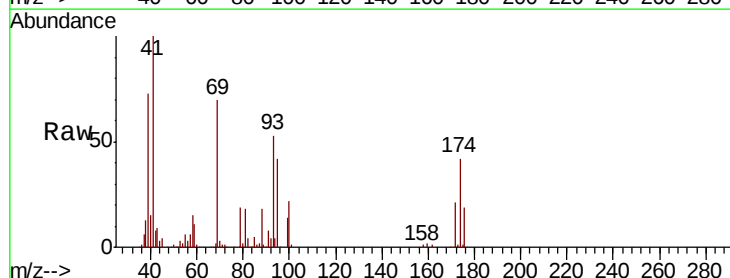
Instrument :
 MSVOA_N
 ClientSampleId :

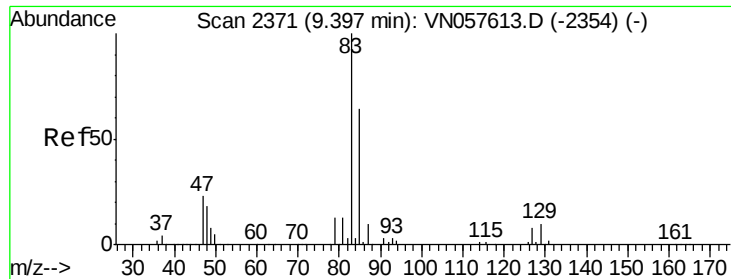
Tot Ion: 63 Resp: 184163
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.4 36.6



#46
 Dibromomethane
 Concen: 51.146 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN057616.D
 Acq: 31 Aug 2019 15:17

Tgt Ion: 93 Resp: 115789
 Ion Ratio Lower Upper
 93 100
 95 81.2 65.8 98.6
 174 80.8 64.2 96.2

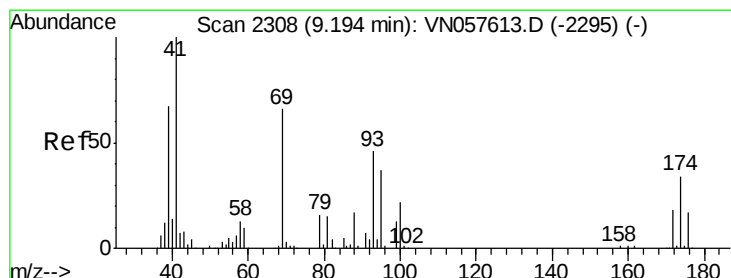
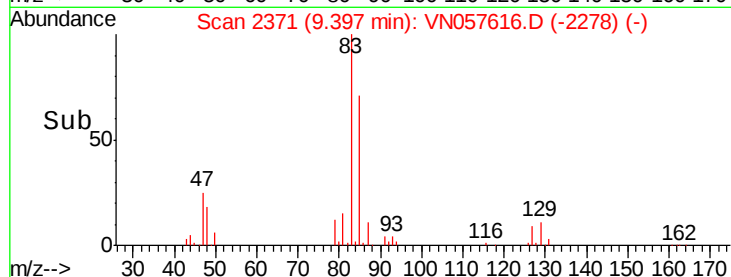
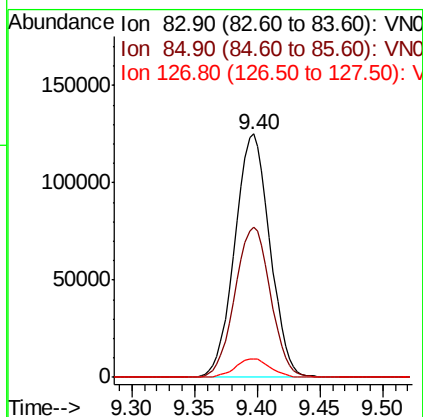
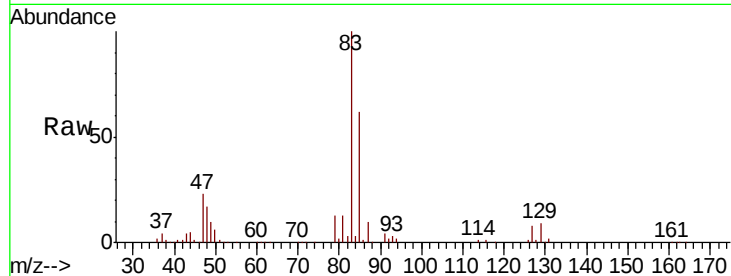




#47
Bromodichloromethane
Concen: 52.980 ug/l
RT: 9.40 min Scan# 2371
Delta R.T. -0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

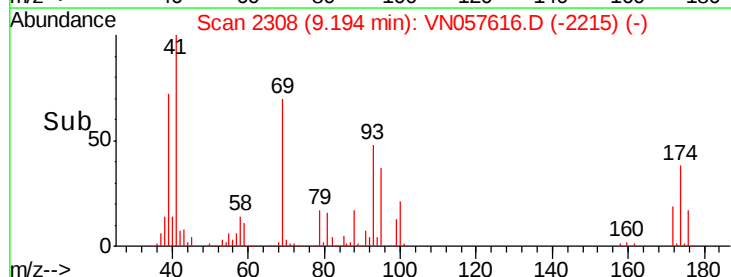
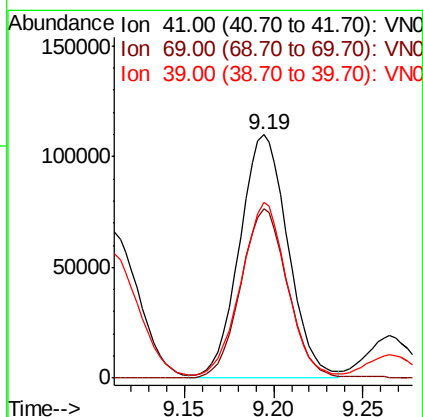
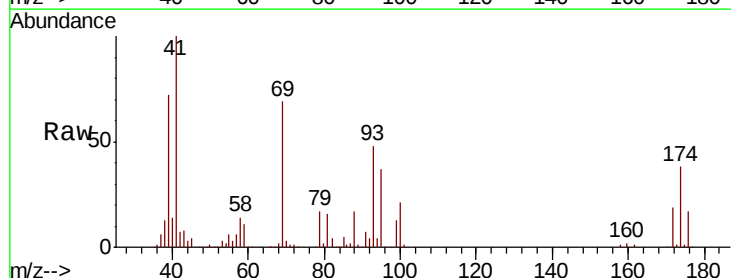
Instrument :
MSVOA_N
ClientSampleId :

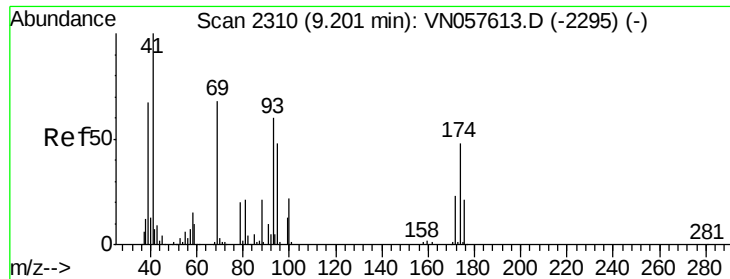
Tot Ion: 83 Resp: 243680
Ion Ratio Lower Upper
83 100
85 61.9 51.4 77.0
127 7.6 6.1 9.1



#48
Methyl methacrylate
Concen: 52.577 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. -0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

Tgt Ion: 41 Resp: 207454
Ion Ratio Lower Upper
41 100
69 68.2 55.1 82.7
39 69.4 55.4 83.2

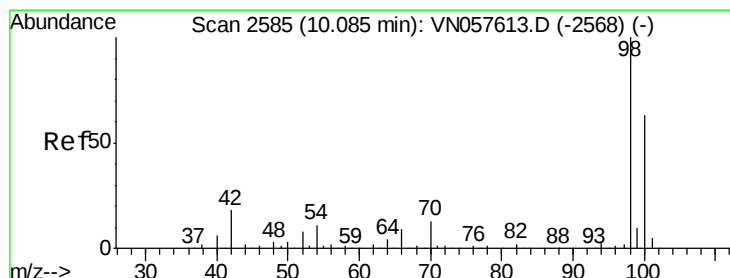
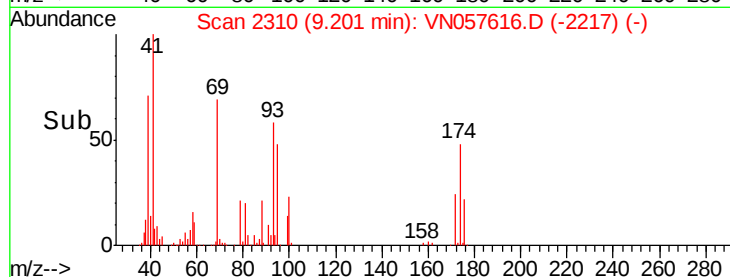
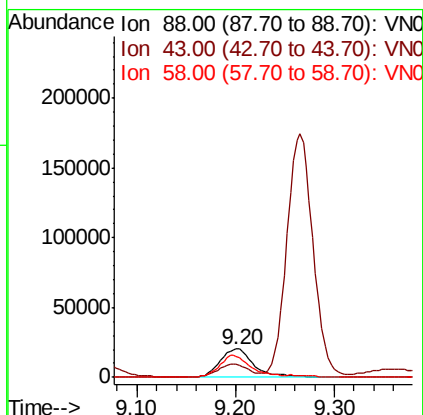
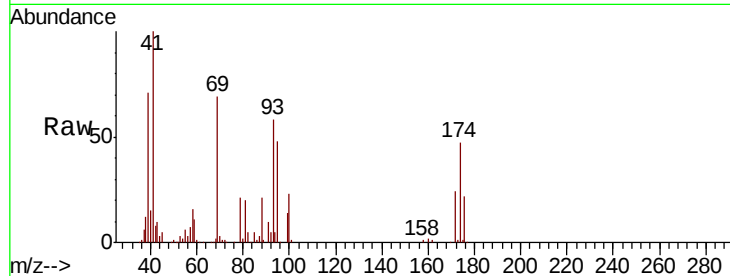




#49
1,4-Dioxane
Concen: 1069.743 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

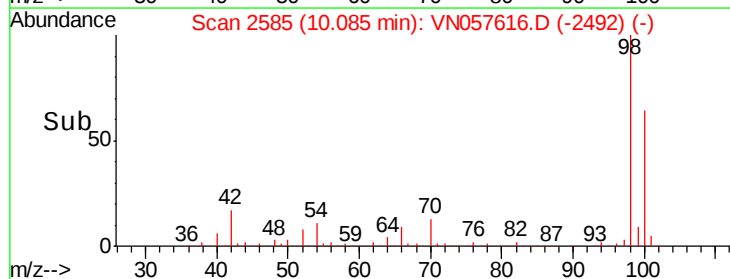
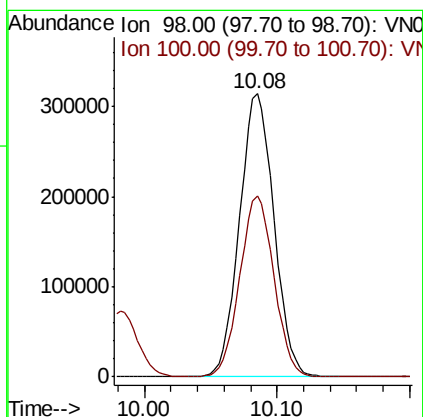
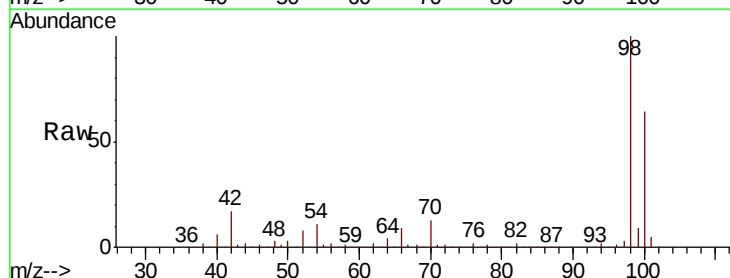
Instrument :
MSVOA_N
ClientSampled :

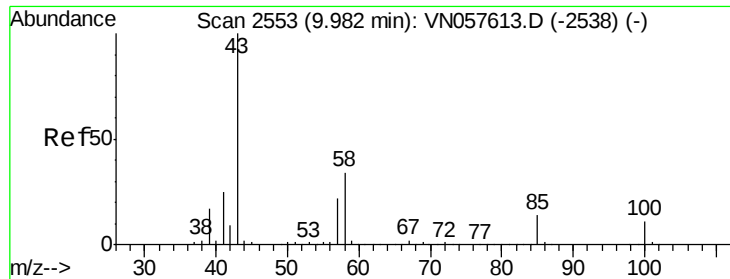
Tot Ion: 88 Resp: 49426
Ion Ratio Lower Upper
88 100
43 39.7 35.0 52.4
58 72.2 61.6 92.4



#50
Toluene-d8
Concen: 49.752 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

Tgt Ion: 98 Resp: 567361
Ion Ratio Lower Upper
98 100
100 63.1 49.8 74.8





#51

4-Methyl-2-Pentanone

Concen: 271.154 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN057616.D

Acq: 31 Aug 2019 15:17

Instrument :

MSVOA_N

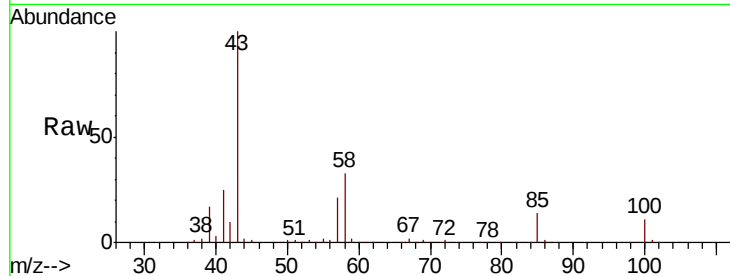
ClientSampled :

Tot Ion: 43 Resp: 1201057

Ion Ratio Lower Upper

43 100

58 33.2 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VN057613.D (-2538) (-)

Ion 58.00 (57.70 to 58.70): VN057613.D (-2538) (-)

9.98

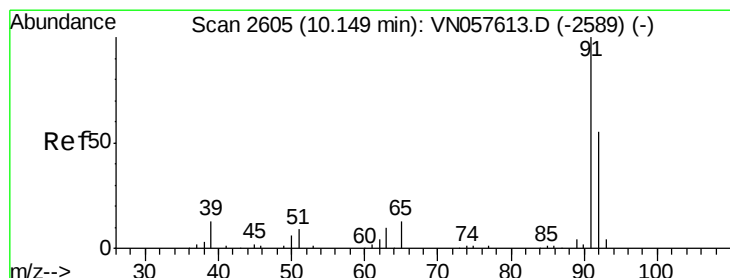
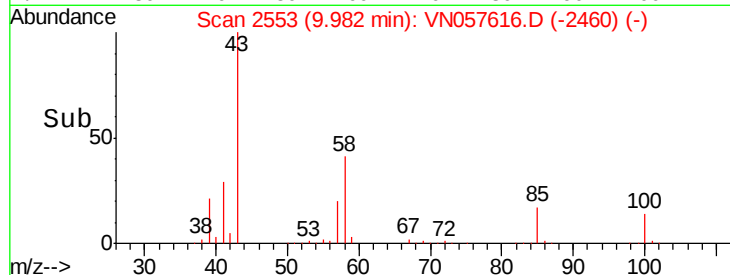
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 51.401 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VN057616.D

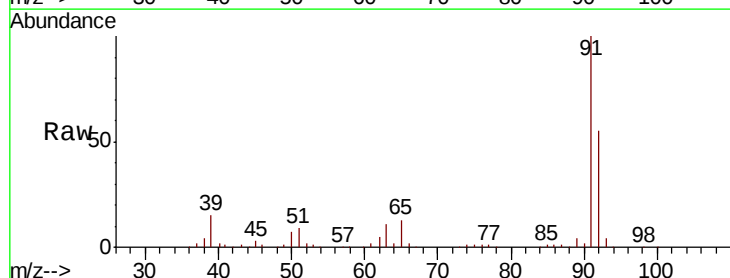
Acq: 31 Aug 2019 15:17

Tgt Ion: 92 Resp: 398787

Ion Ratio Lower Upper

92 100

91 177.6 143.8 215.6



Abundance Ion 92.00 (91.70 to 92.70): VN057613.D (-2589) (-)

Ion 91.00 (90.70 to 91.70): VN057613.D (-2589) (-)

10.15

400000

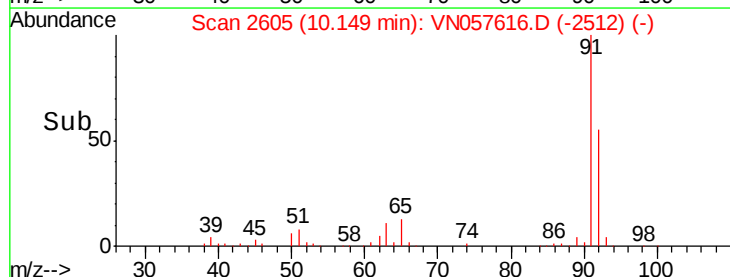
300000

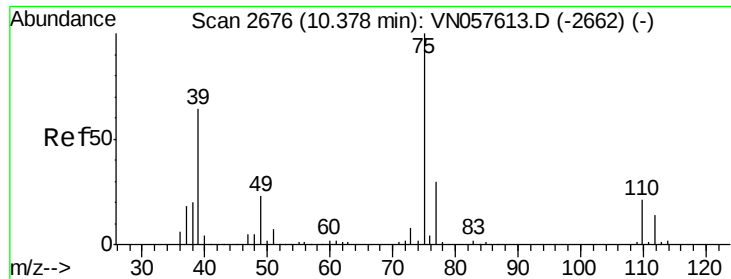
200000

100000

0

Time-->

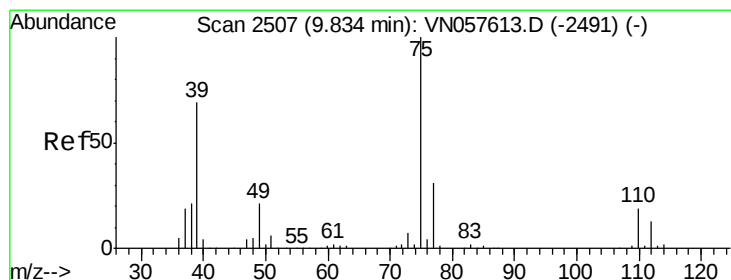
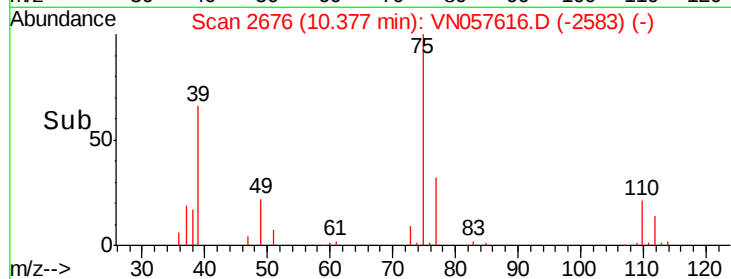
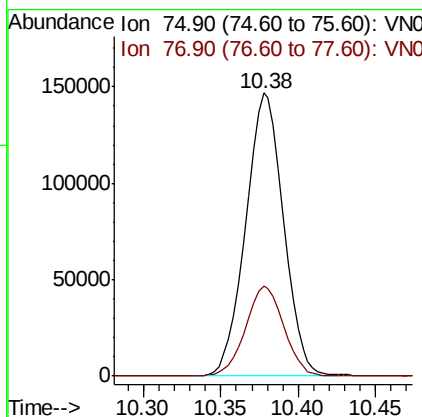
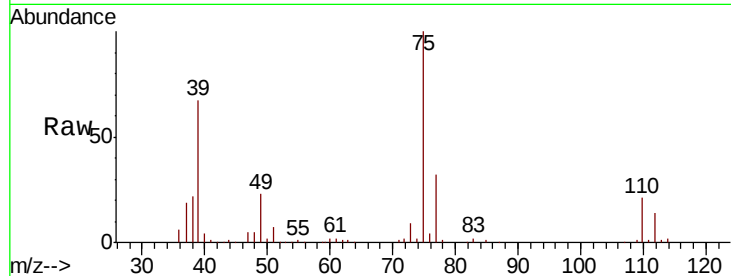




#53
t-1,3-Dichloropropene
Concen: 48.796 ug/l
RT: 10.38 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

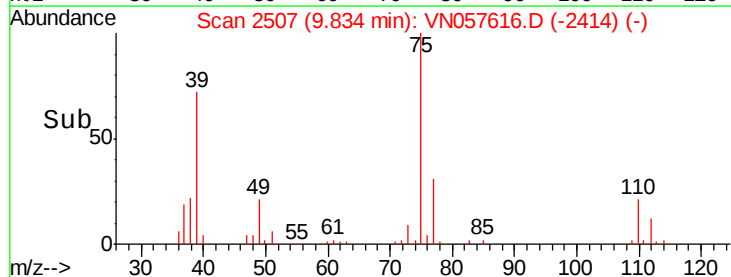
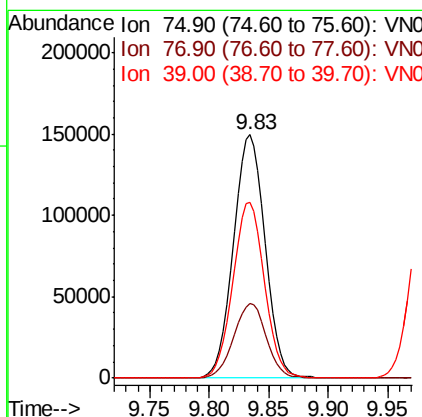
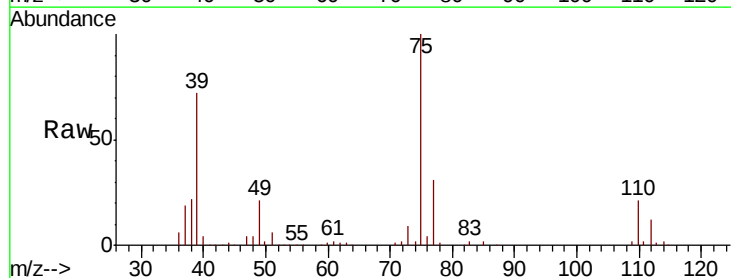
Instrument :
MSVOA_N
ClientSampleId :

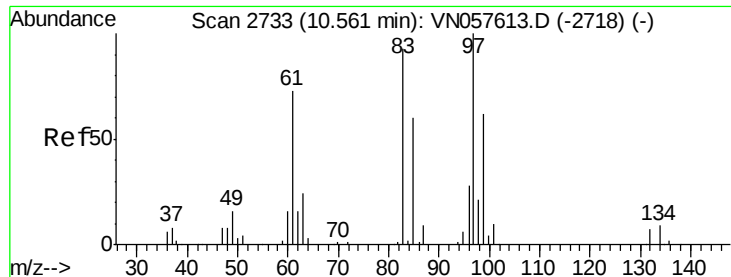
Tot Ion: 75 Resp: 250308
Ion Ratio Lower Upper
75 100
77 31.8 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 48.964 ug/l
RT: 9.83 min Scan# 2507
Delta R.T. 0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

Tgt Ion: 75 Resp: 276136
Ion Ratio Lower Upper
75 100
77 30.6 24.8 37.2
39 72.2 55.0 82.4

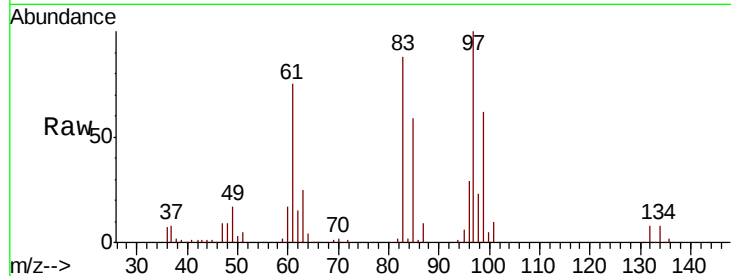




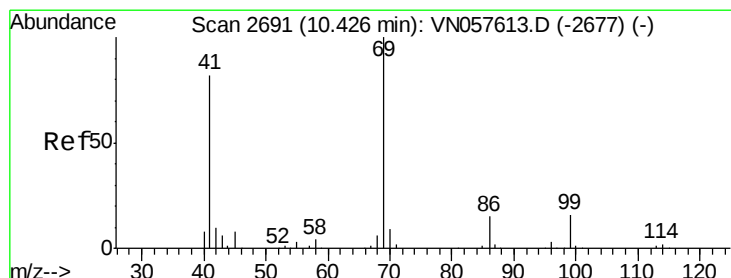
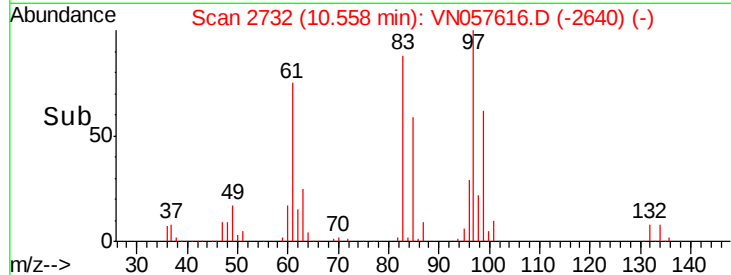
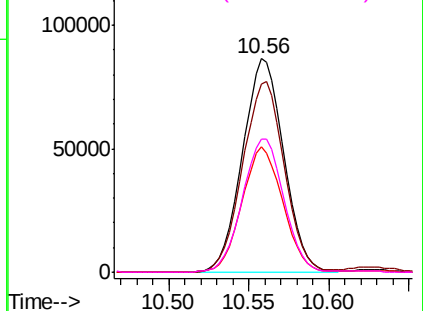
#55
 1,1,2-Trichloroethane
 Concen: 51.997 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. -0.00 min
 Lab File: VN057616.D
 Acq: 31 Aug 2019 15:17

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:	97	Resp:	153056
Ion	Ratio	Lower	Upper
97	100		
83	88.0	74.2	111.2
85	58.7	47.8	71.8
99	62.5	49.3	73.9

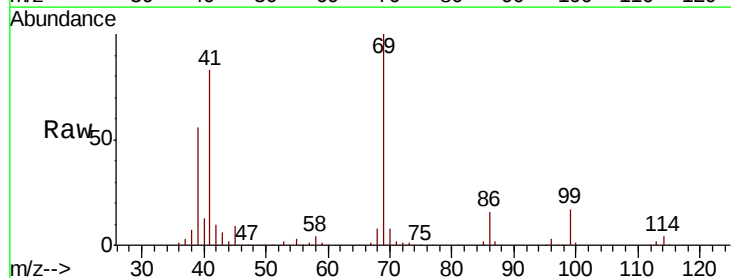


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

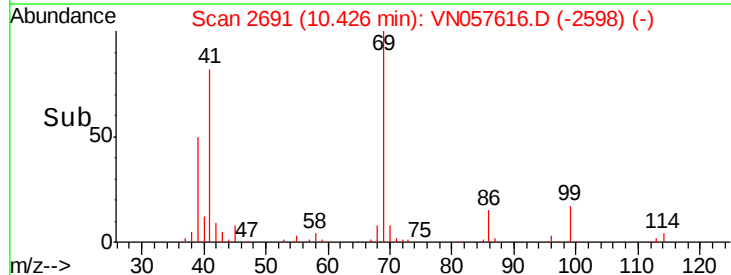
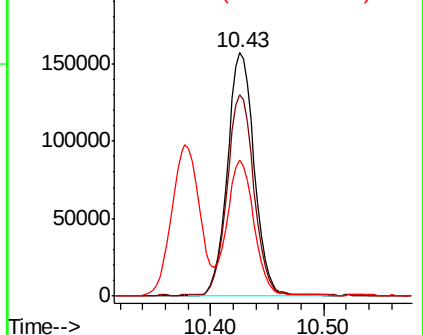


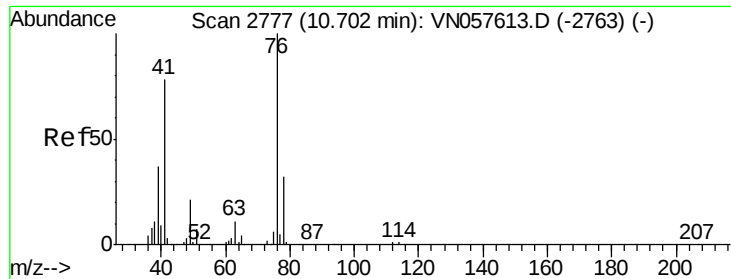
#56
 Ethyl methacrylate
 Concen: 52.931 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. -0.00 min
 Lab File: VN057616.D
 Acq: 31 Aug 2019 15:17

Tgt Ion:	69	Resp:	260007
Ion	Ratio	Lower	Upper
69	100		
41	81.5	65.8	98.6
39	54.9	43.8	65.8



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: 50.579 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN057616.D

Acq: 31 Aug 2019 15:17

Instrument :

MSVOA_N

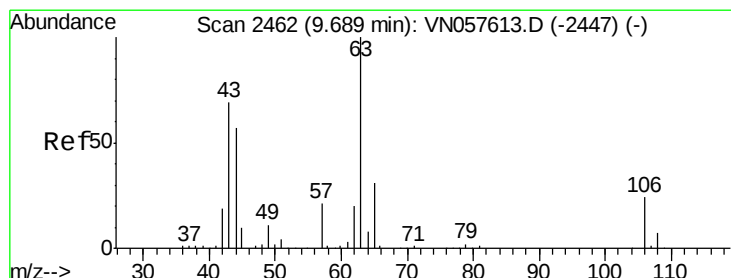
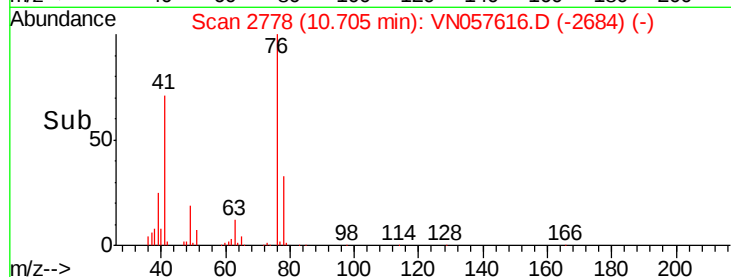
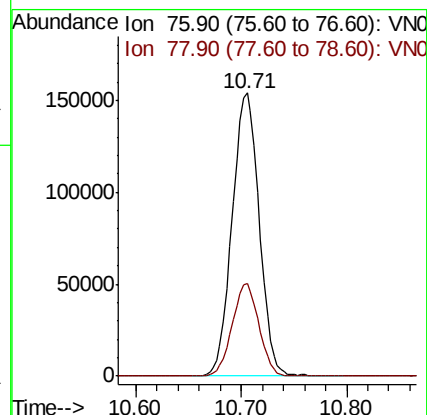
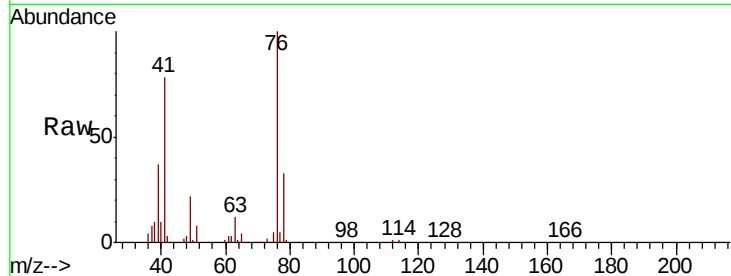
ClientSampleId :

Tot Ion: 76 Resp: 273154

Ion Ratio Lower Upper

76 100

78 32.3 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 251.112 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VN057616.D

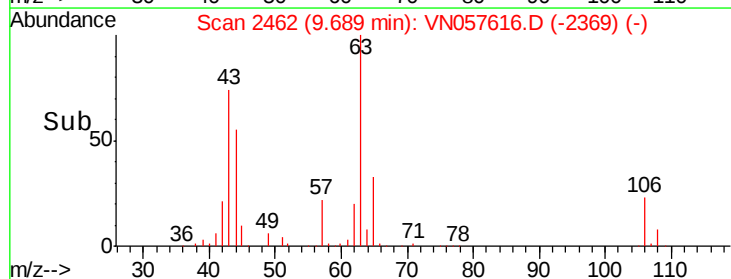
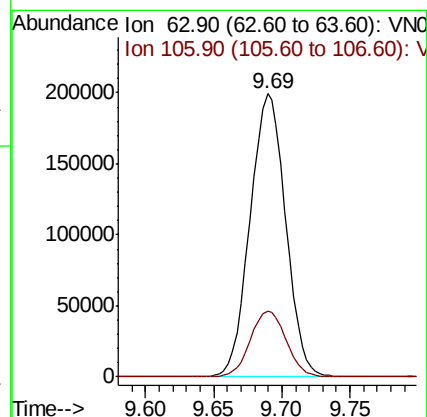
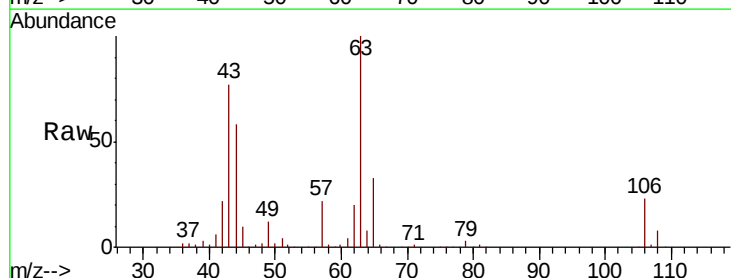
Acq: 31 Aug 2019 15:17

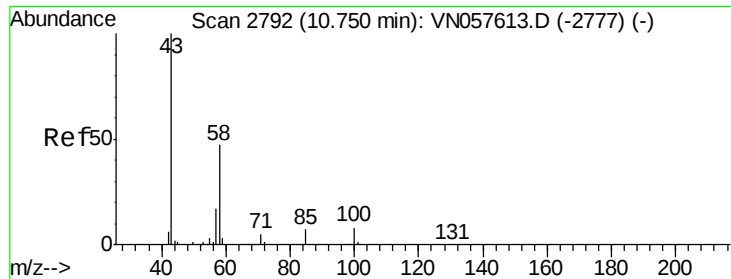
Tgt Ion: 63 Resp: 360884

Ion Ratio Lower Upper

63 100

106 23.4 18.3 27.5

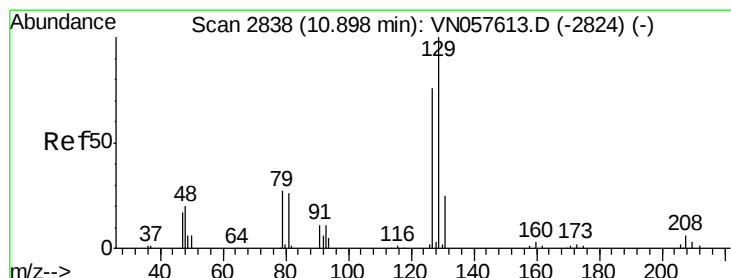
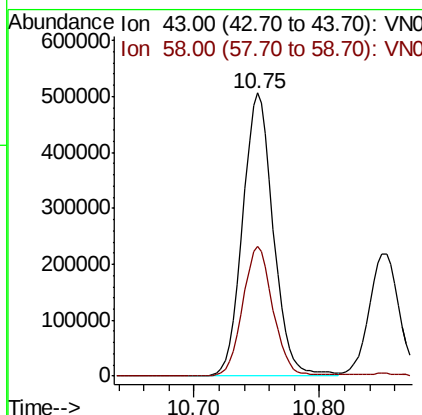
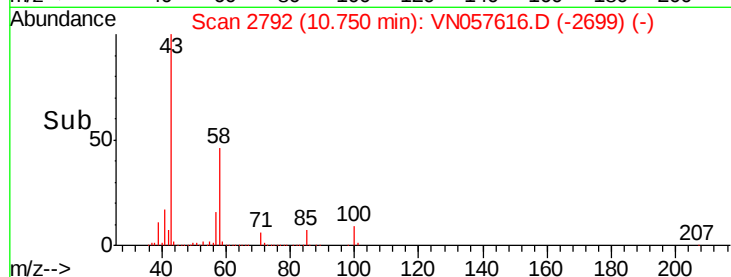
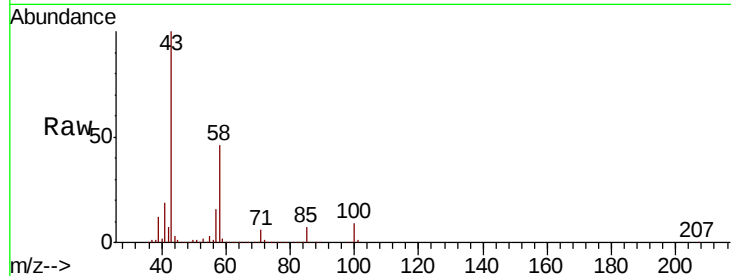




#59
2-Hexanone
Concen: 263.634 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

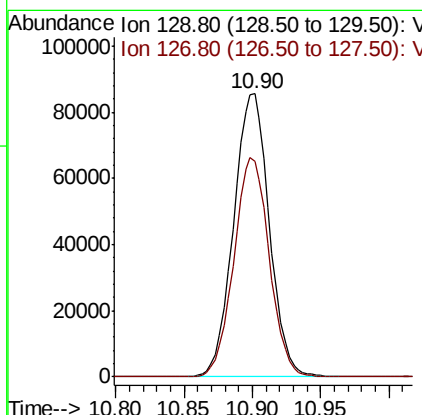
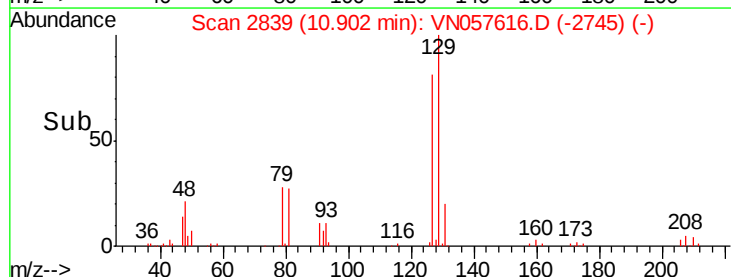
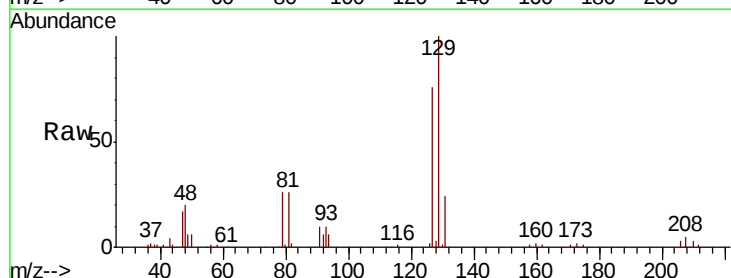
Instrument :
MSVOA_N
ClientSampled :

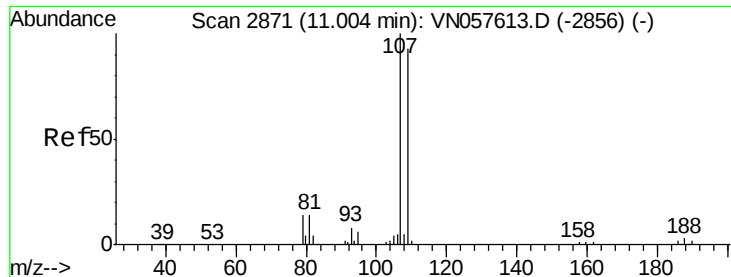
Tot Ion: 43 Resp: 857539
Ion Ratio Lower Upper
43 100
58 46.0 23.5 70.5



#60
Dibromochloromethane
Concen: 48.282 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

Tgt Ion: 129 Resp: 155378
Ion Ratio Lower Upper
129 100
127 76.8 38.3 114.8





#61

1,2-Dibromoethane

Concen: 52.723 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN057616.D

Acq: 31 Aug 2019 15:17

Instrument :

MSVOA_N

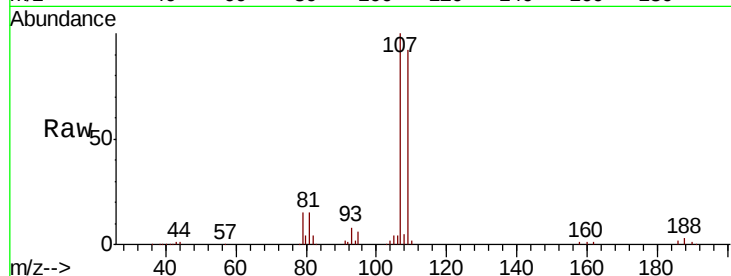
ClientSampleId :

Tot Ion:107 Resp: 156266

Ion Ratio Lower Upper

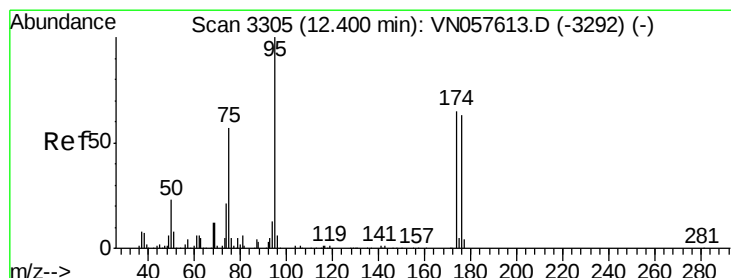
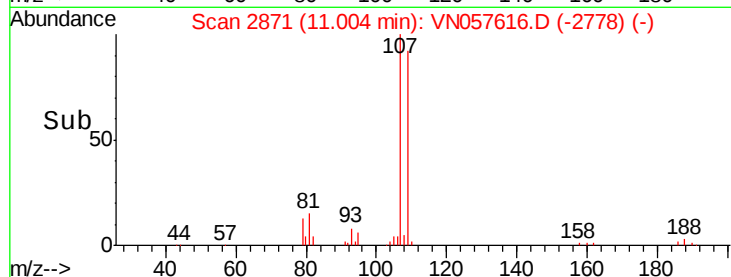
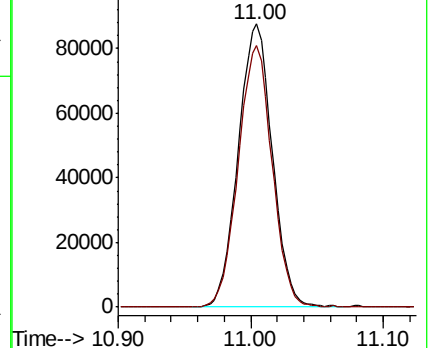
107 100

109 91.7 75.0 112.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.434 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057616.D

Acq: 31 Aug 2019 15:17

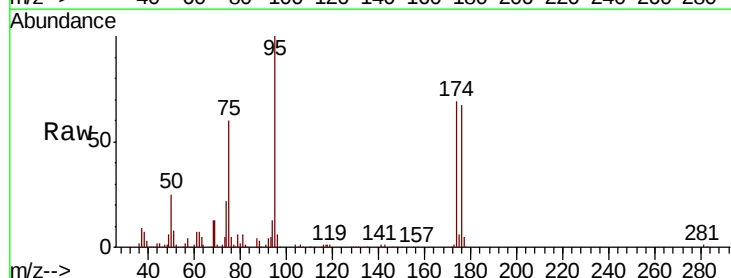
Tgt Ion: 95 Resp: 210032

Ion Ratio Lower Upper

95 100

174 68.7 0.0 134.8

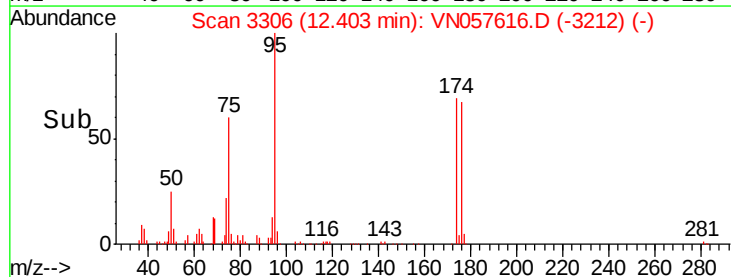
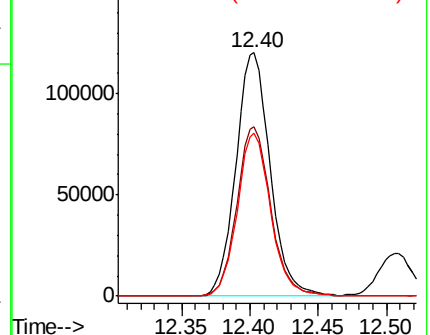
176 65.4 0.0 131.6

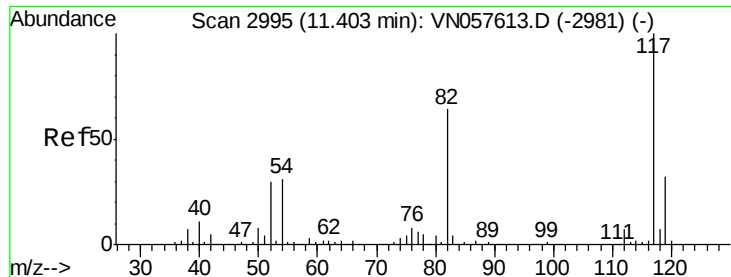


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

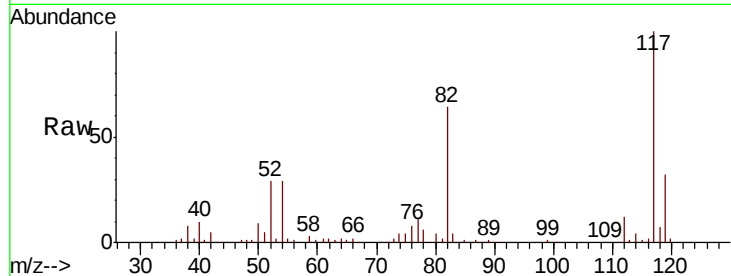




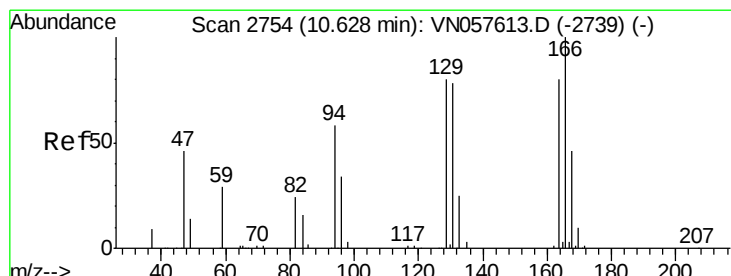
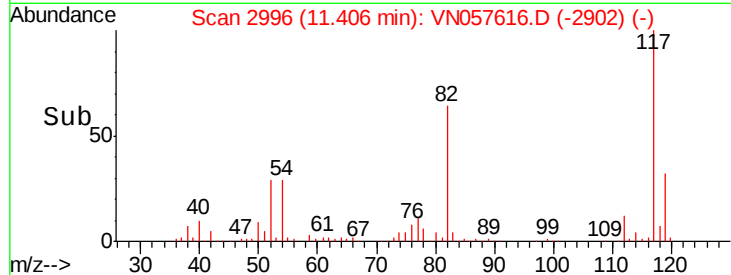
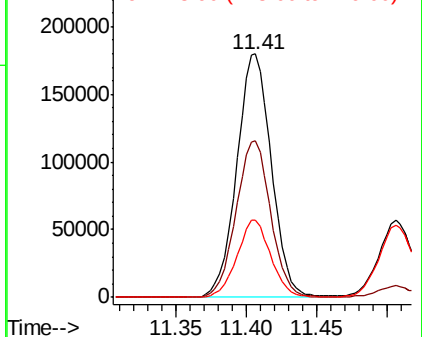
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 309604
Ion Ratio Lower Upper
117 100
82 64.3 51.6 77.4
119 31.9 25.8 38.6



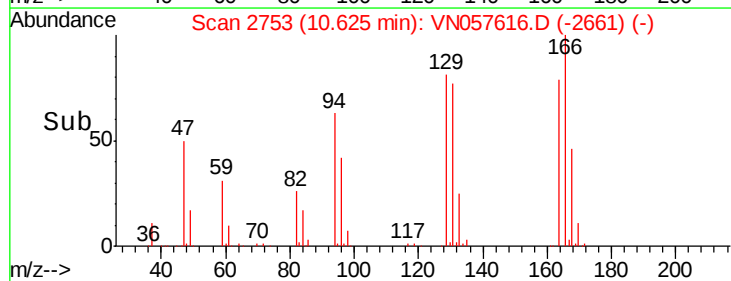
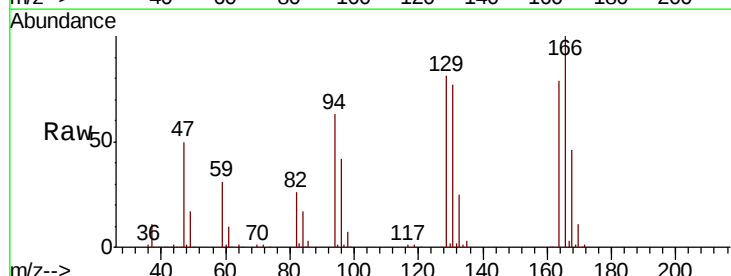
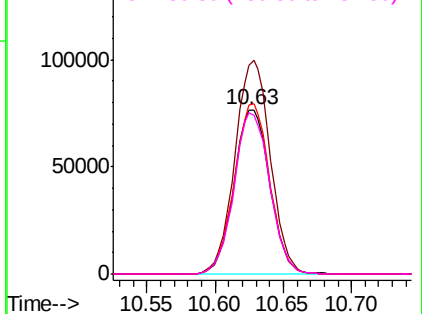
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

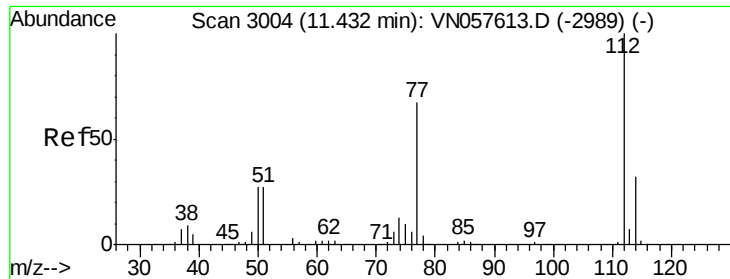


#64
Tetrachloroethene
Concen: 52.245 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. -0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

Tgt Ion:164 Resp: 140060
Ion Ratio Lower Upper
164 100
166 127.0 100.6 151.0
129 103.0 80.4 120.6
131 98.1 78.6 118.0

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

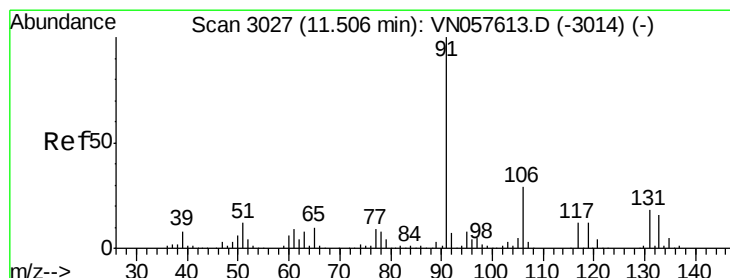
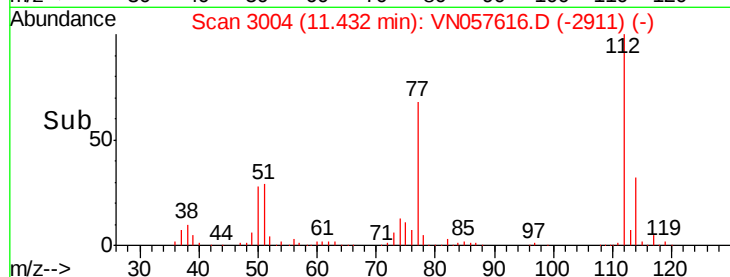
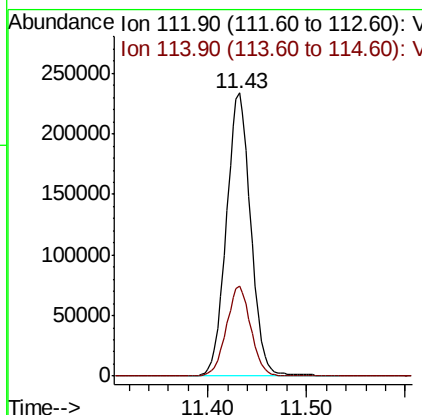
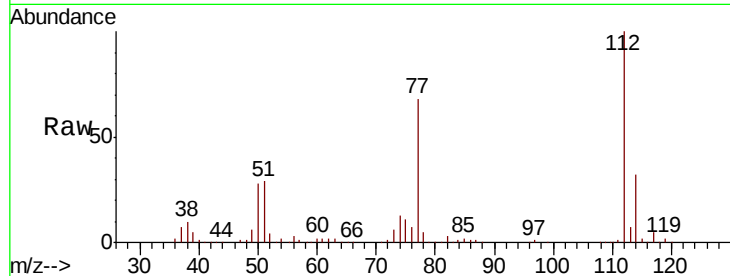




#65
Chlorobenzene
Concen: 52.279 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

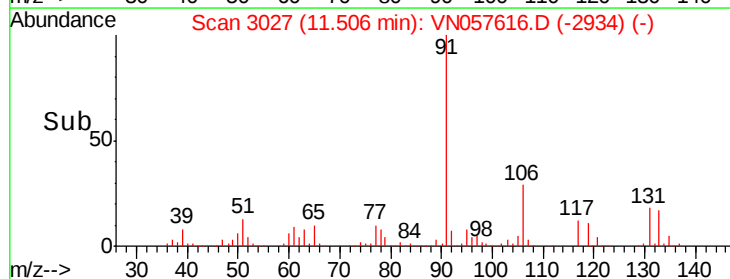
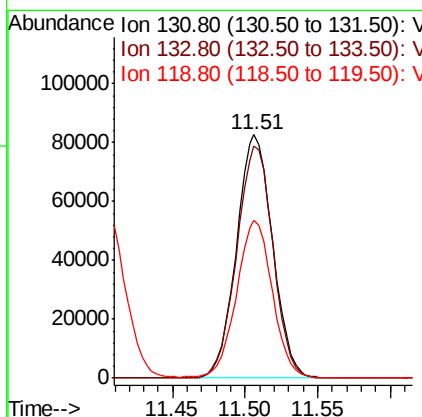
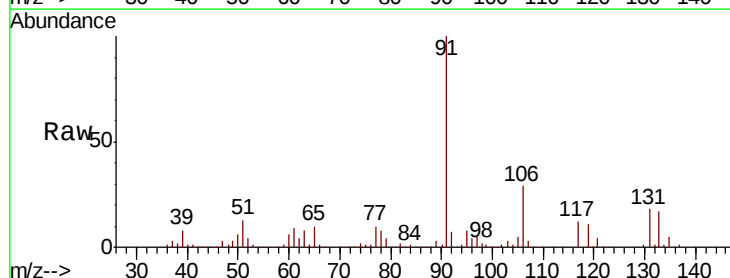
Instrument :
MSVOA_N
ClientSampled :

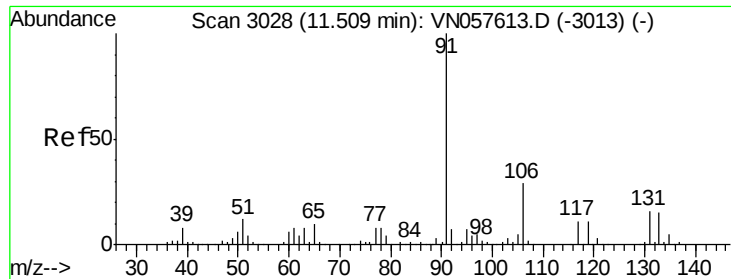
Tot Ion:112 Resp: 405578
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.855 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

Tgt Ion:131 Resp: 143010
Ion Ratio Lower Upper
131 100
133 95.9 47.8 143.4
119 64.5 33.9 101.6

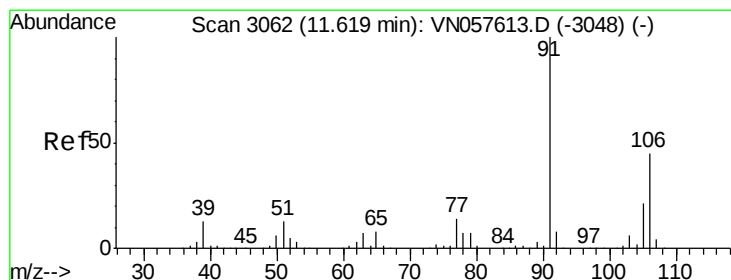
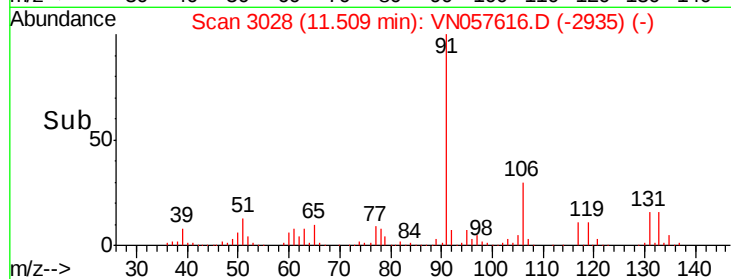
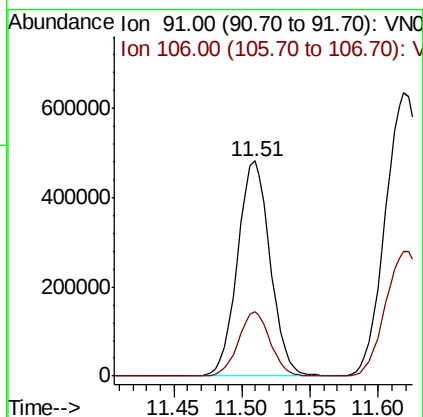
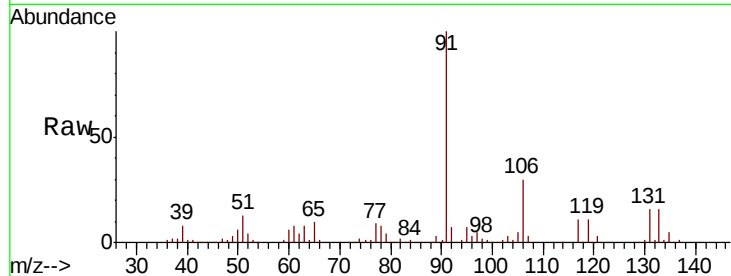




#67
Ethyl Benzene
Concen: 53.231 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

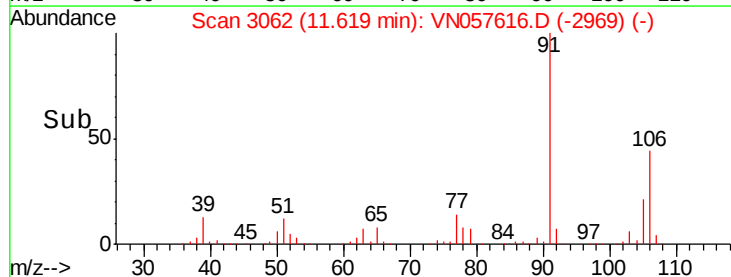
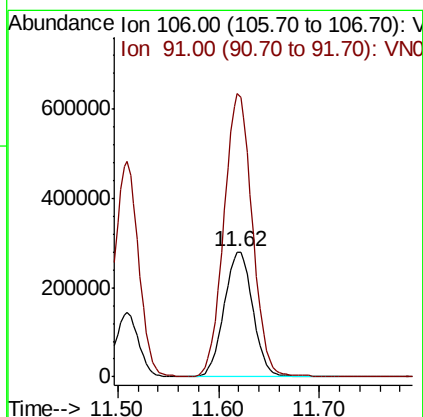
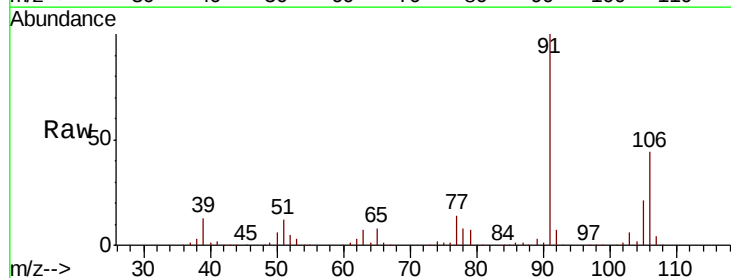
Instrument :
MSVOA_N
ClientSampled :

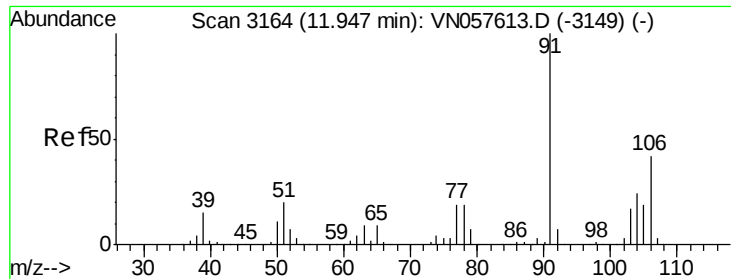
Tot Ion: 91 Resp: 802394
Ion Ratio Lower Upper
91 100
106 29.7 22.9 34.3



#68
m/p-Xylenes
Concen: 105.144 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

Tgt Ion: 106 Resp: 558362
Ion Ratio Lower Upper
106 100
91 224.3 176.2 264.2

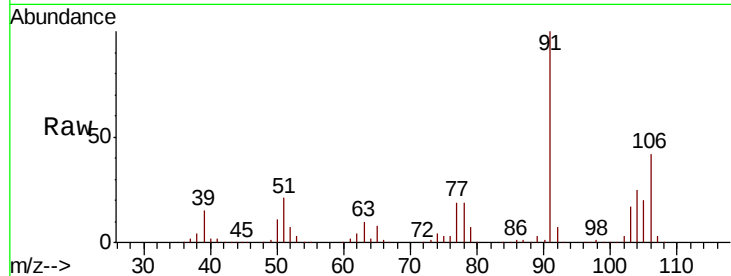




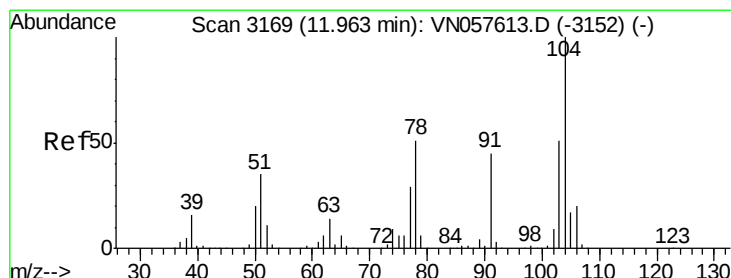
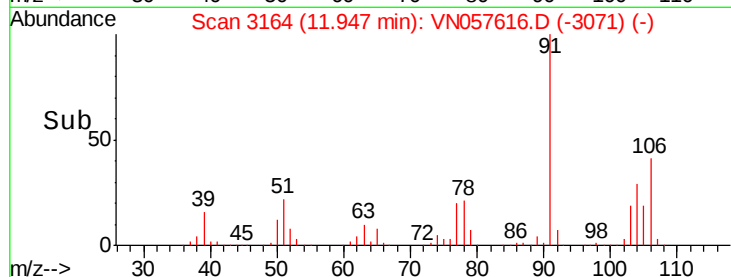
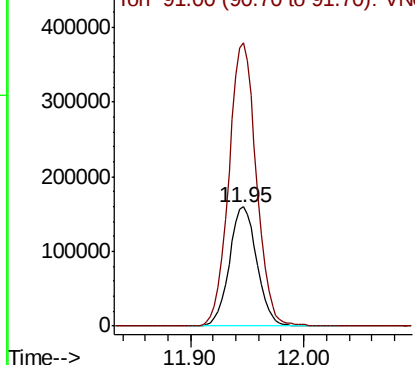
#69
o-Xylene
Concen: 52.488 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 270128
Ion Ratio Lower Upper
106 100
91 237.1 117.3 351.8

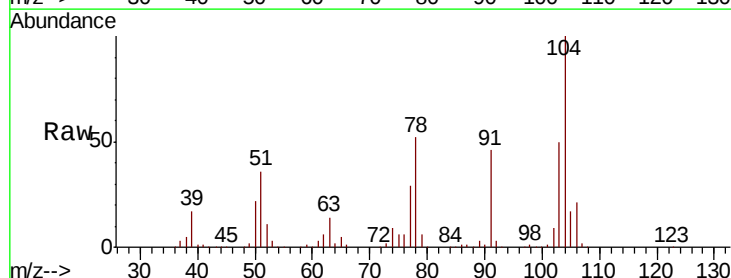


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

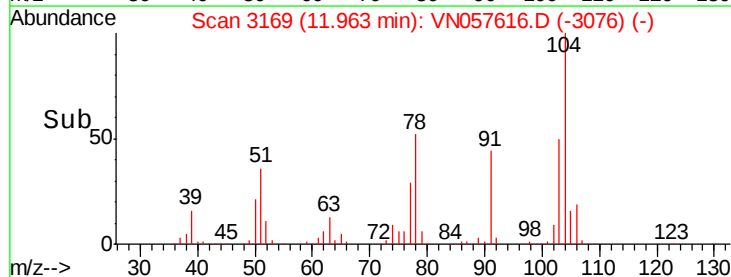
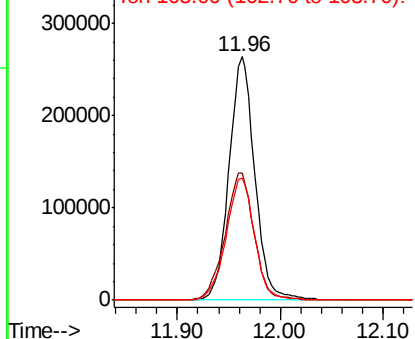


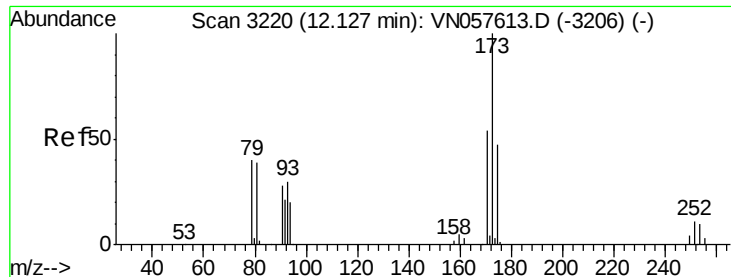
#70
Styrene
Concen: 49.682 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

Tgt Ion:104 Resp: 460014
Ion Ratio Lower Upper
104 100
78 58.7 46.6 70.0
103 55.3 44.7 67.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

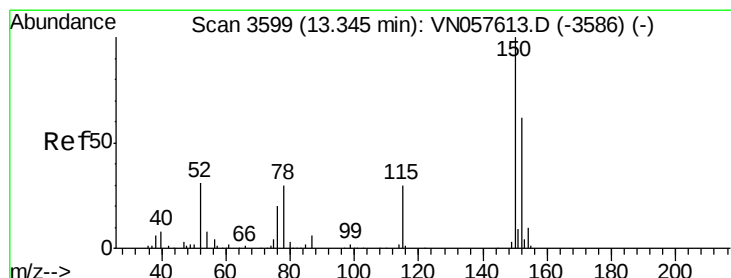
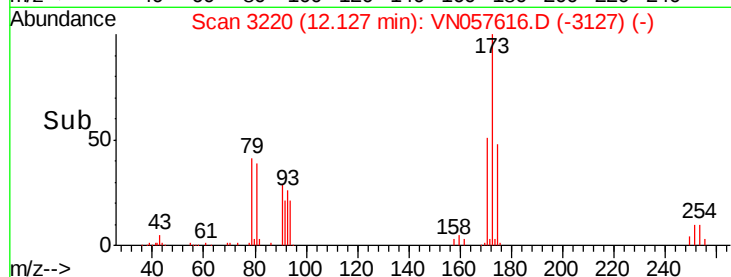
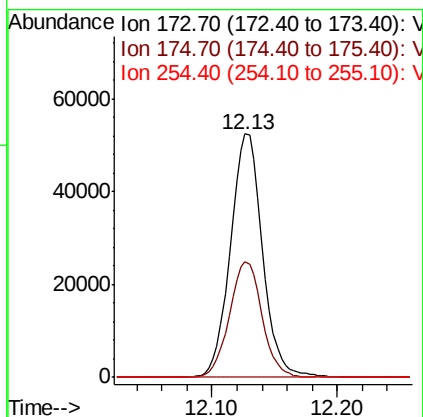
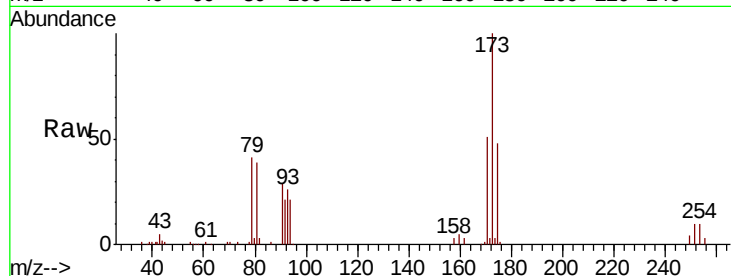




#71
Bromoform
Concen: 46.728 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

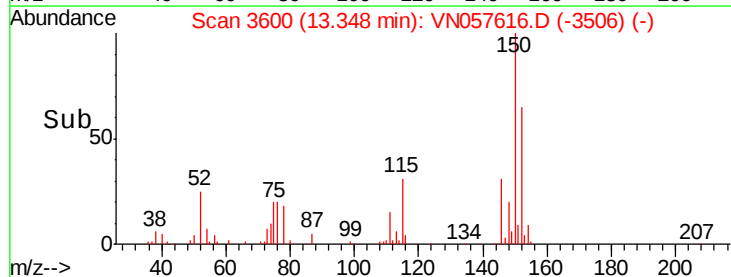
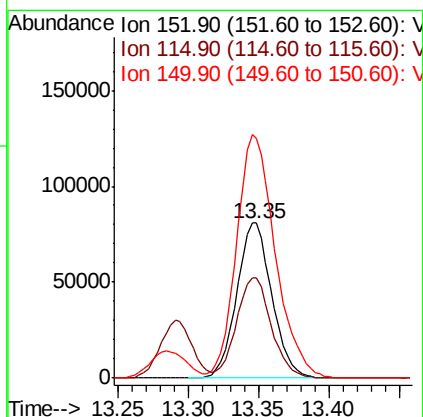
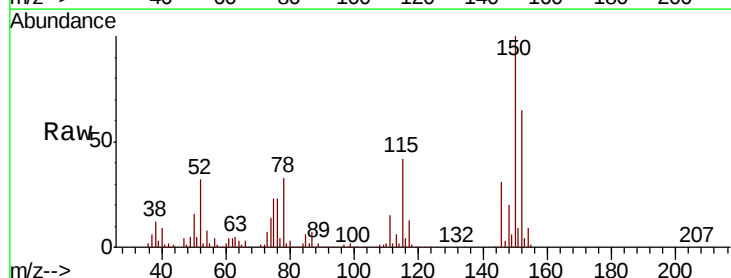
Instrument :
MSVOA_N
ClientSampleId :

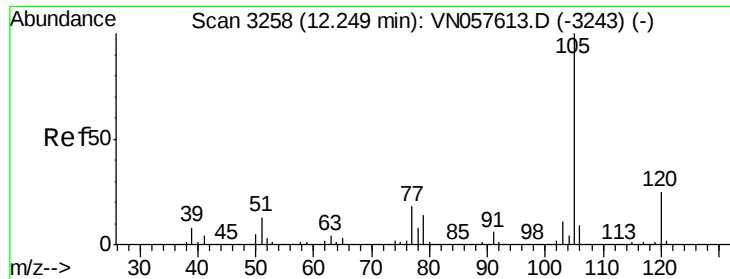
Tot Ion:173 Resp: 93033
Ion Ratio Lower Upper
173 100
175 48.2 24.4 73.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

Tgt Ion:152 Resp: 140794
Ion Ratio Lower Upper
152 100
115 64.4 33.2 99.6
150 173.4 0.0 365.2





#73

Isopropylbenzene

Concen: 53.776 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN057616.D

Acq: 31 Aug 2019 15:17

Instrument :

MSVOA_N

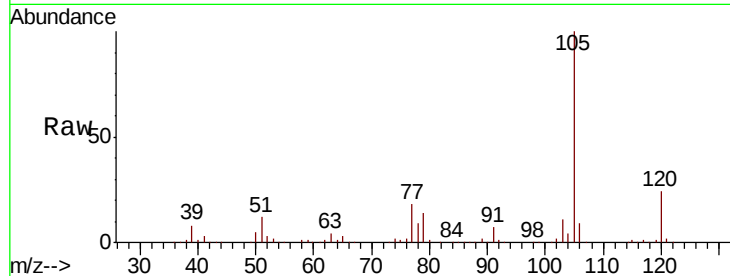
ClientSampleId :

Tot Ion:105 Resp: 764426

Ion Ratio Lower Upper

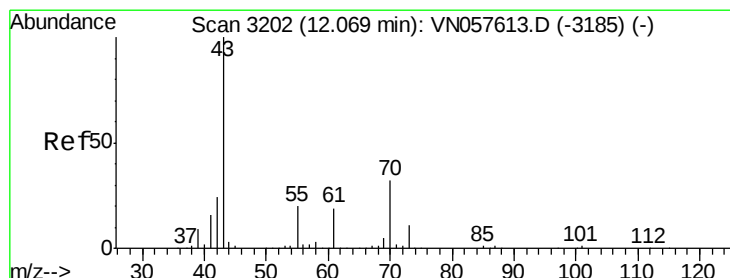
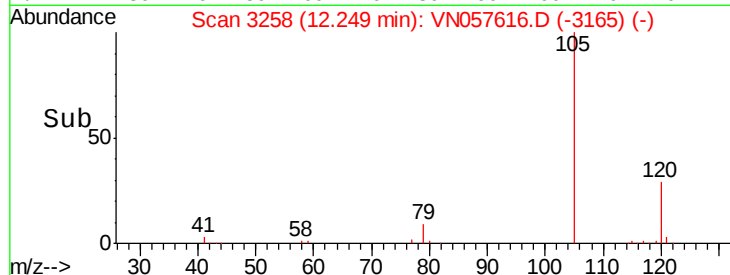
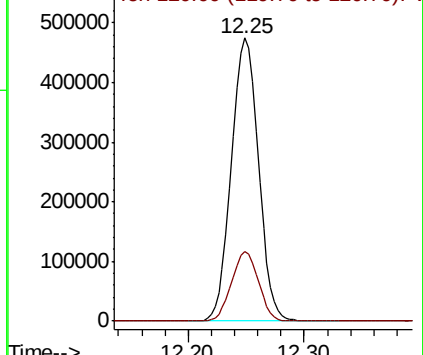
105 100

120 24.3 12.7 38.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.319 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN057616.D

Acq: 31 Aug 2019 15:17

Tgt Ion: 43 Resp: 364405

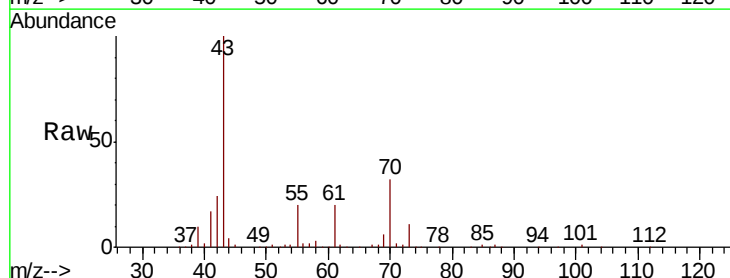
Ion Ratio Lower Upper

43 100

70 32.9 26.9 40.3

55 20.9 16.8 25.2

61 19.9 15.1 22.7

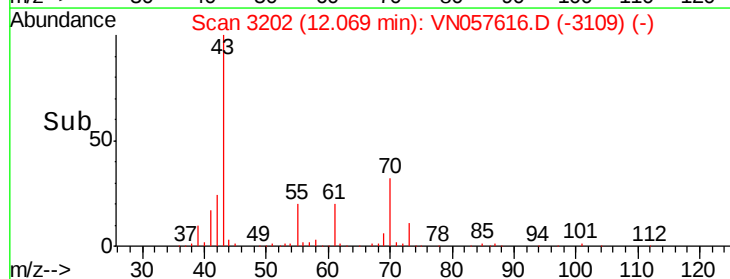
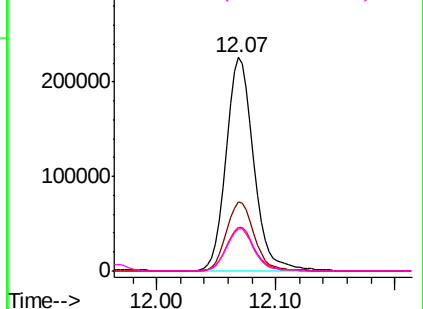


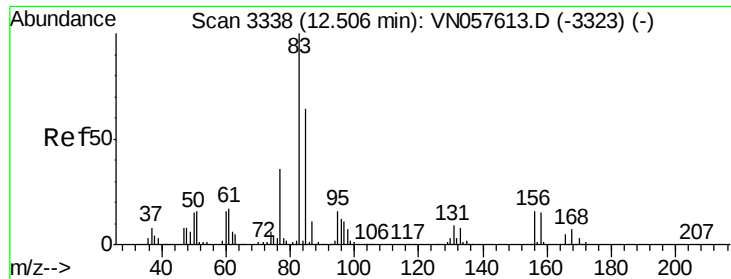
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.736 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. -0.00 min

Lab File: VN057616.D

Acq: 31 Aug 2019 15:17

Instrument :

MSVOA_N

ClientSampleId :

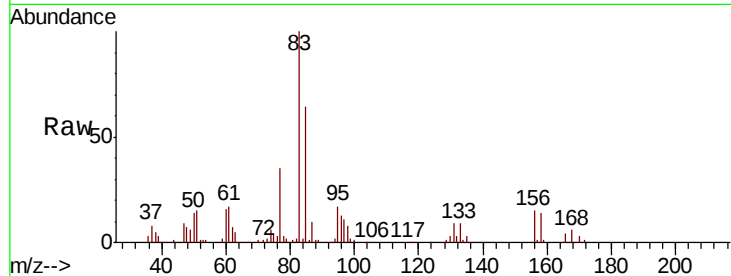
Tot Ion: 83 Resp: 208372

Ion Ratio Lower Upper

83 100

131 9.3 4.5 13.7

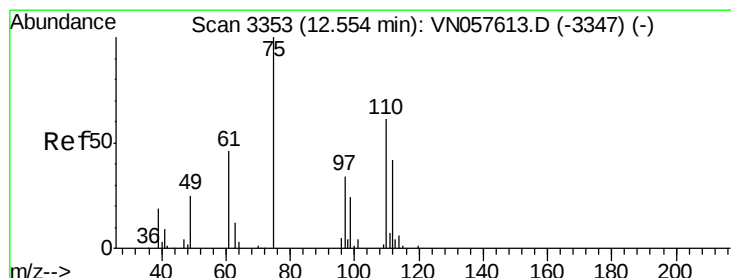
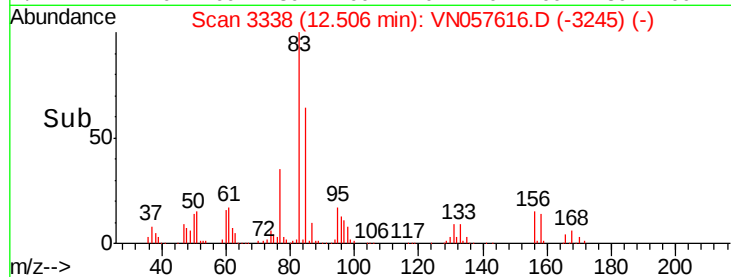
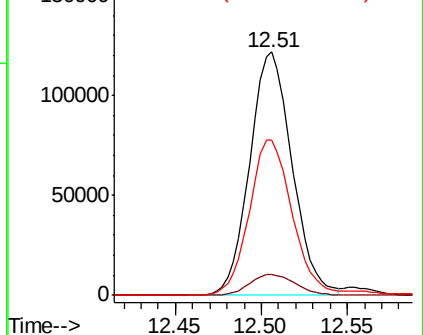
85 64.6 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 75.760 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN057616.D

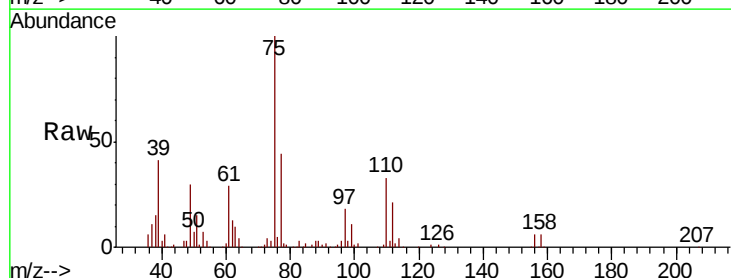
Acq: 31 Aug 2019 15:17

Tgt Ion: 75 Resp: 280579

Ion Ratio Lower Upper

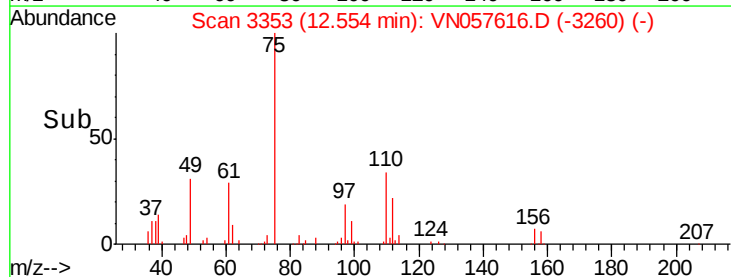
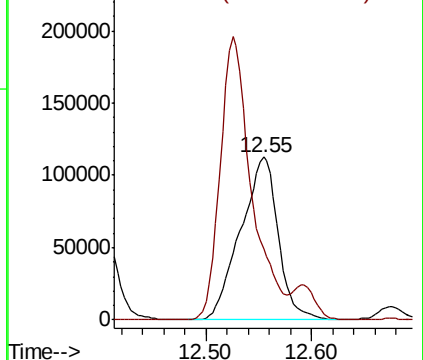
75 100

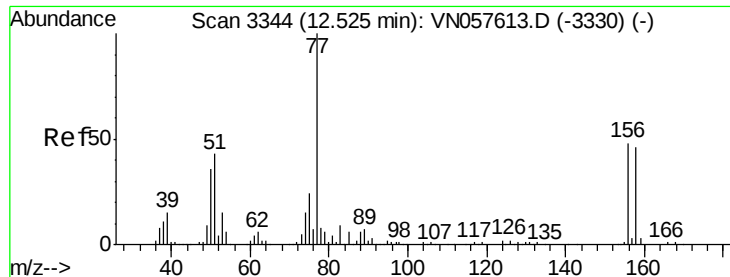
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 54.114 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN057616.D

Acq: 31 Aug 2019 15:17

Instrument :

MSVOA_N

ClientSampleId :

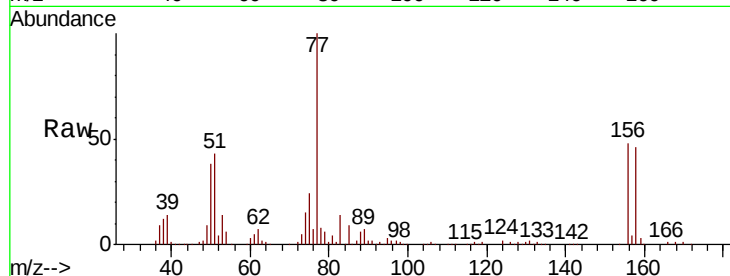
Tot Ion:156 Resp: 163722

Ion Ratio Lower Upper

156 100

77 246.9 123.5 370.5

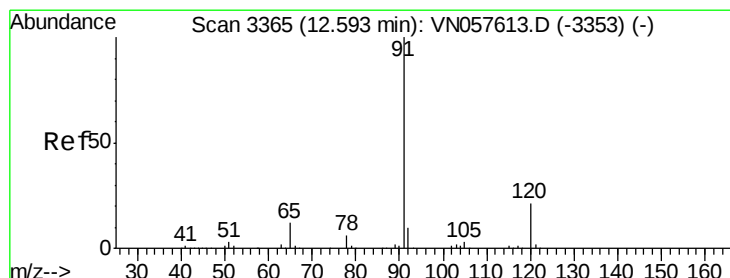
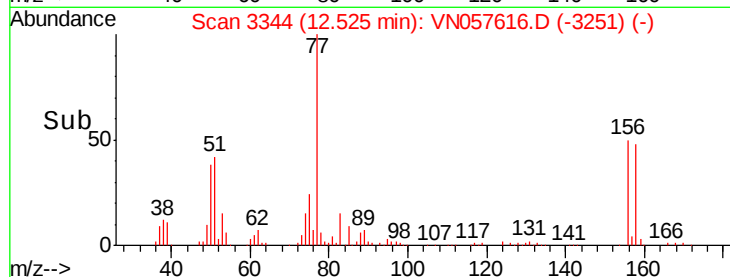
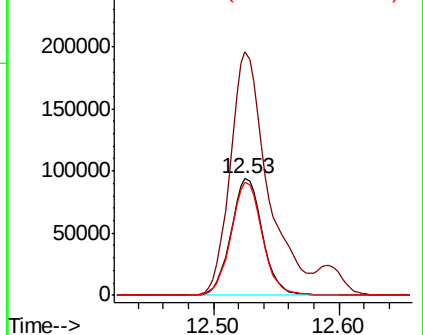
158 96.2 47.8 143.3



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: 55.548 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN057616.D

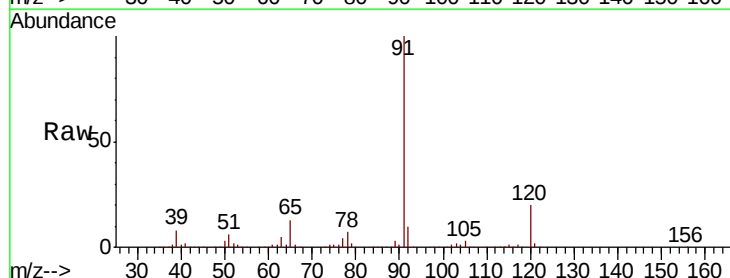
Acq: 31 Aug 2019 15:17

Tgt Ion: 91 Resp: 878857

Ion Ratio Lower Upper

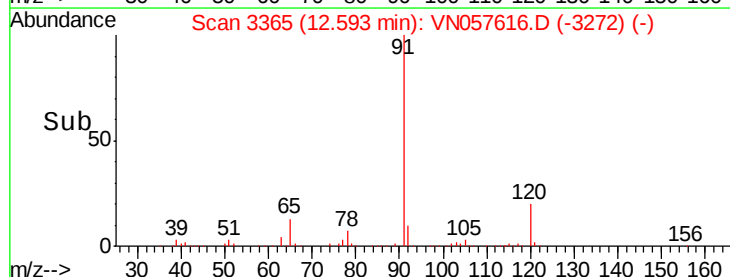
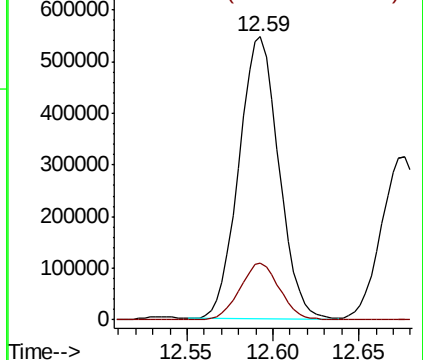
91 100

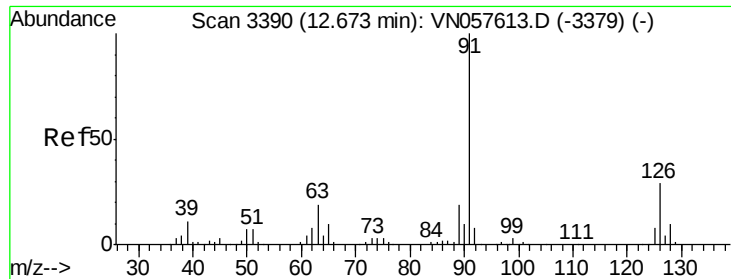
120 20.2 10.4 31.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.694 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057616.D

Acq: 31 Aug 2019 15:17

Instrument :

MSVOA_N

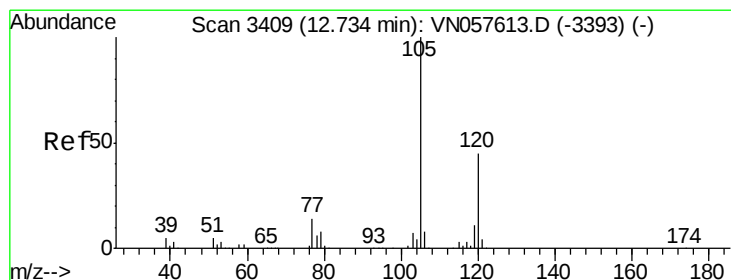
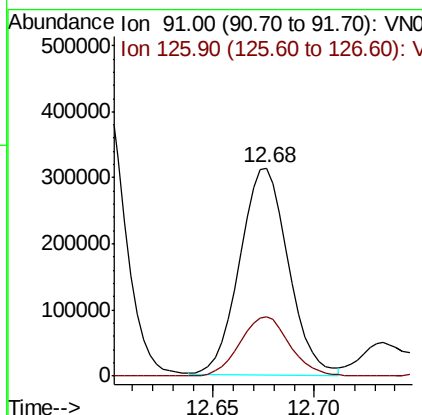
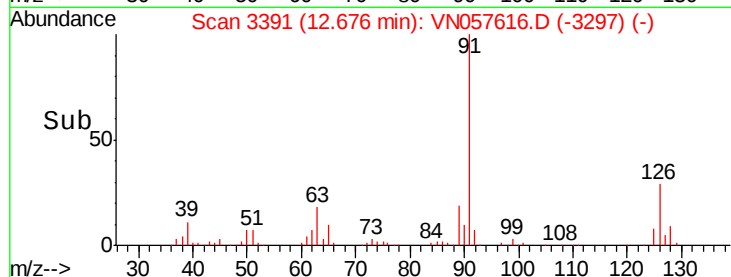
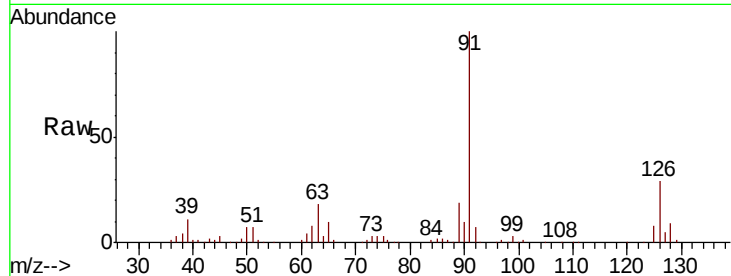
ClientSampleId :

Tot Ion: 91 Resp: 529727

Ion Ratio Lower Upper

91 100

126 29.6 14.9 44.5



#80

1,3,5-Trimethylbenzene

Concen: 54.509 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN057616.D

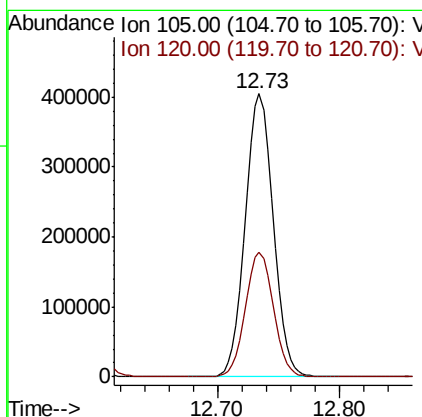
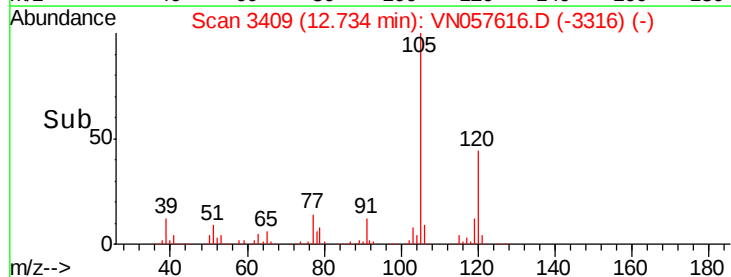
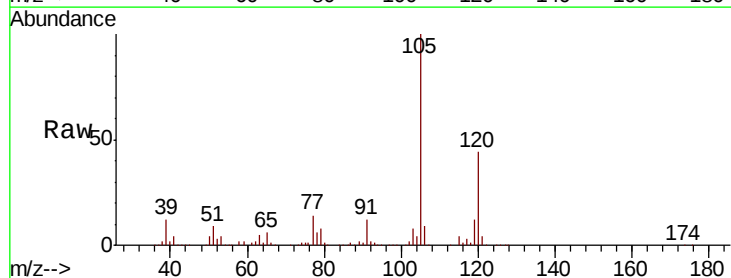
Acq: 31 Aug 2019 15:17

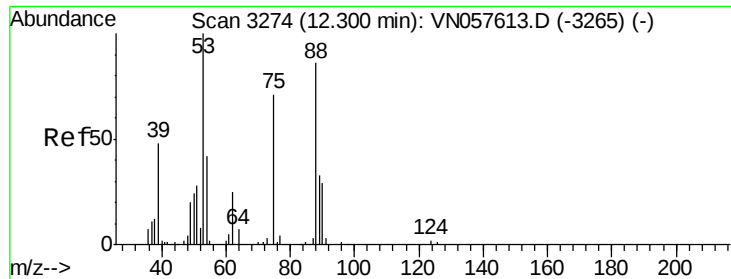
Tgt Ion: 105 Resp: 637447

Ion Ratio Lower Upper

105 100

120 44.0 22.6 67.8

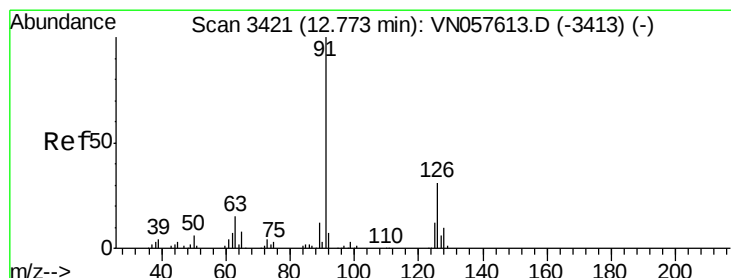
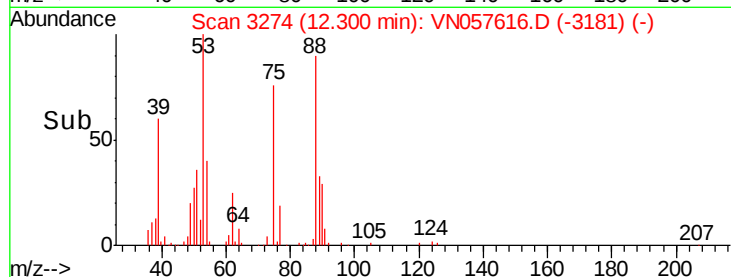
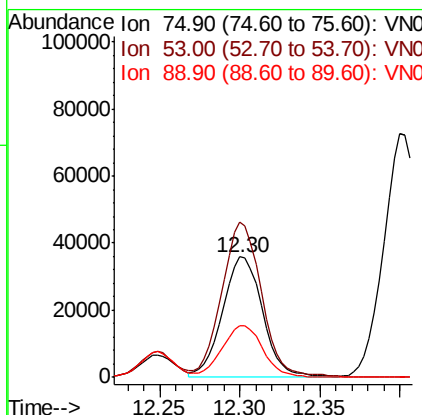
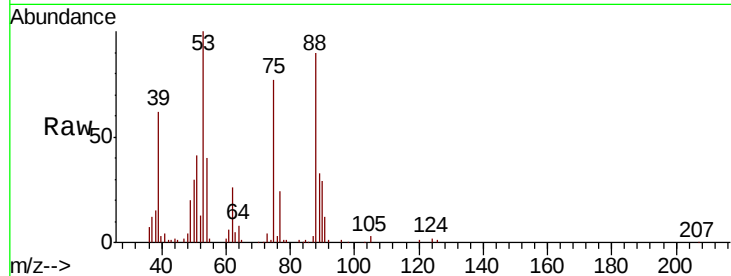




#81
trans-1,4-Dichloro-2-butene
Concen: 56.029 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

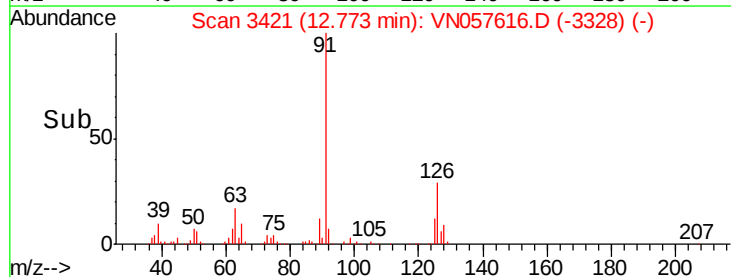
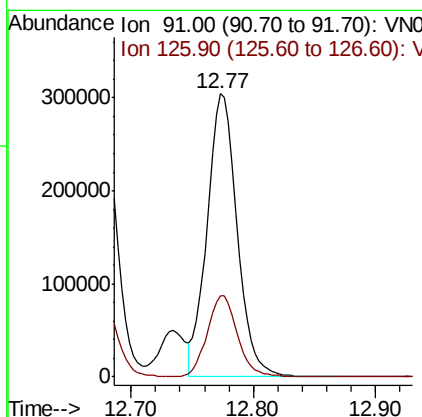
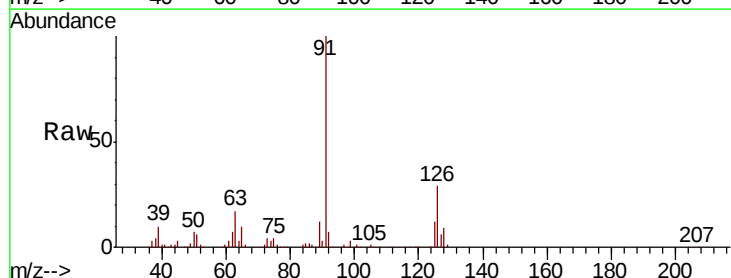
Instrument :
MSVOA_N
ClientSampled :

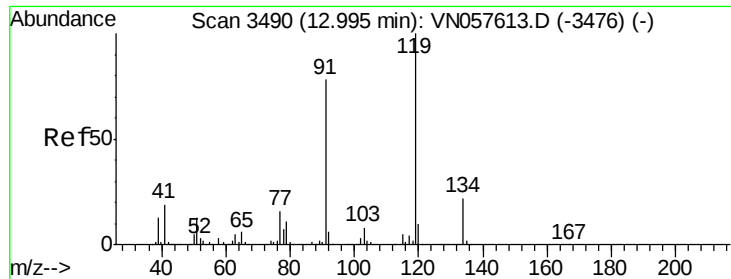
Tot Ion: 75 Resp: 60535
Ion Ratio Lower Upper
75 100
53 129.4 111.0 166.6
89 44.7 38.3 57.5



#82
4-Chlorotoluene
Concen: 53.634 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

Tgt Ion: 91 Resp: 523763
Ion Ratio Lower Upper
91 100
126 29.0 14.4 43.2

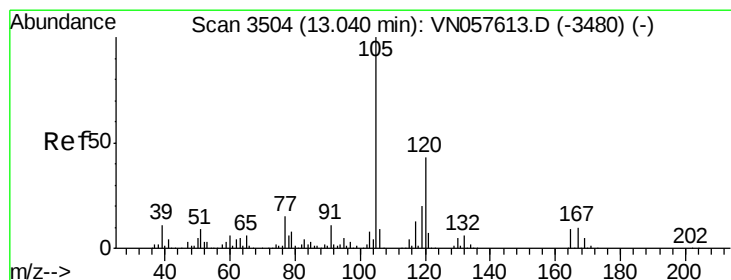
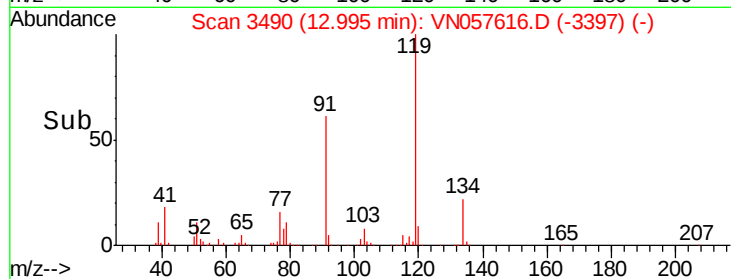
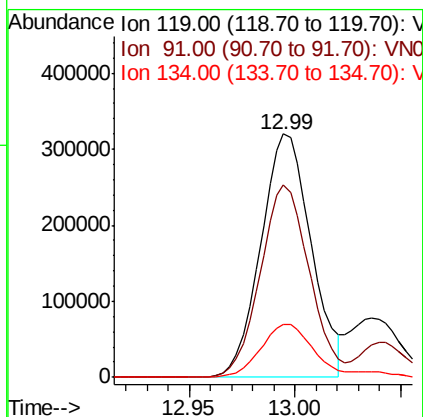
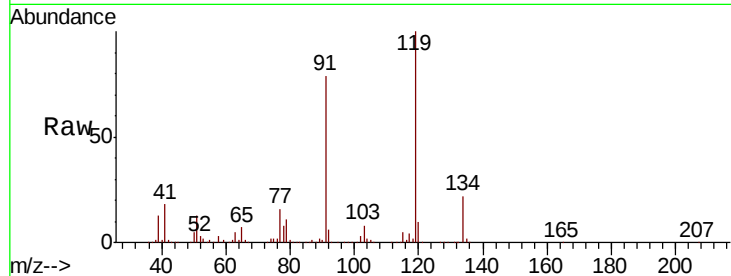




#83
tert-Butylbenzene
Concen: 53.549 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

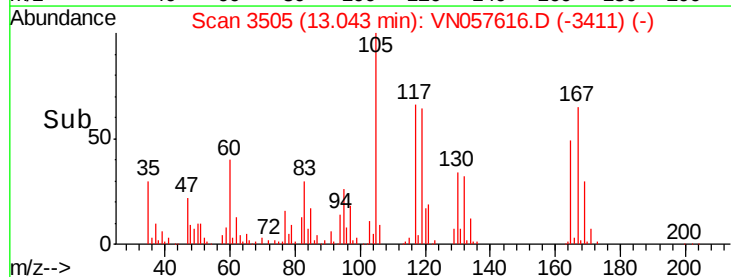
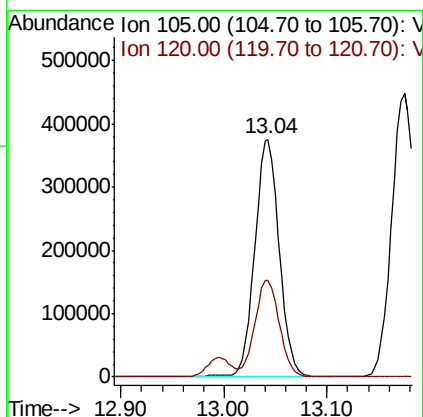
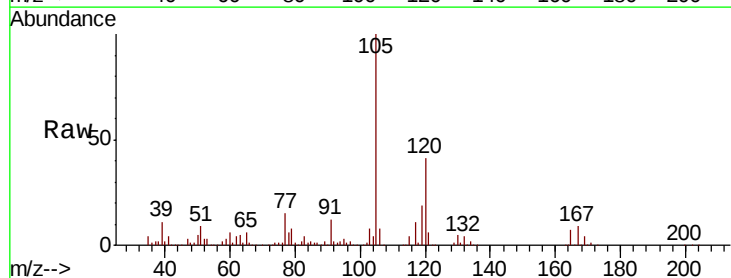
Instrument :
MSVOA_N
ClientSampleId :

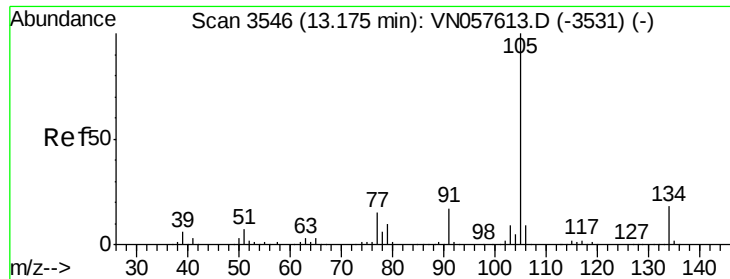
Tot Ion:119 Resp: 531351
Ion Ratio Lower Upper
119 100
91 77.2 38.3 114.9
134 24.3 11.3 33.8



#84
1,2,4-Trimethylbenzene
Concen: 54.377 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. 0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

Tgt Ion:105 Resp: 615226
Ion Ratio Lower Upper
105 100
120 41.0 20.8 62.5





#85

sec-Butylbenzene

Concen: 53.969 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. -0.00 min

Lab File: VN057616.D

Acq: 31 Aug 2019 15:17

Instrument :

MSVOA_N

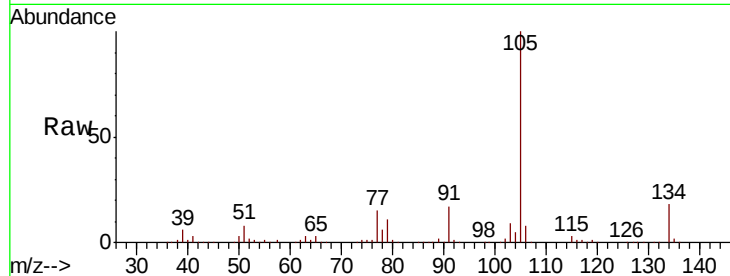
ClientSampleId :

Tot Ion:105 Resp: 720322

Ion Ratio Lower Upper

105 100

134 17.5 8.9 26.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

400000

300000

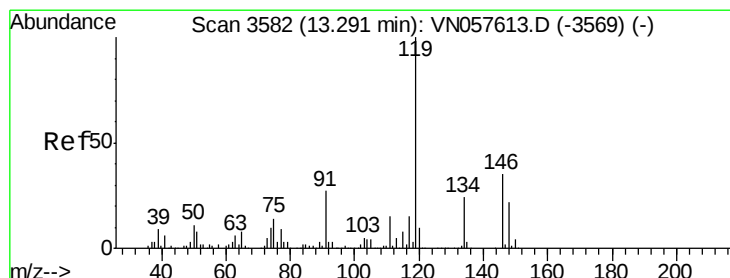
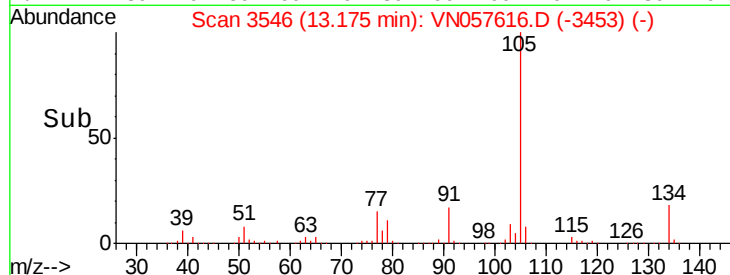
200000

100000

0

Time-->

13.10 13.20



#86

p-Isopropyltoluene

Concen: 54.102 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN057616.D

Acq: 31 Aug 2019 15:17

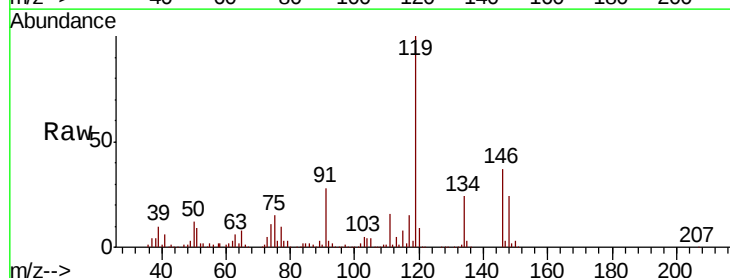
Tgt Ion:119 Resp: 597177

Ion Ratio Lower Upper

119 100

134 24.6 11.9 35.5

91 28.2 13.7 41.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

400000

300000

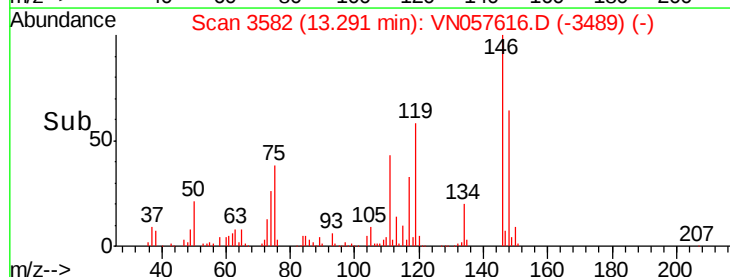
200000

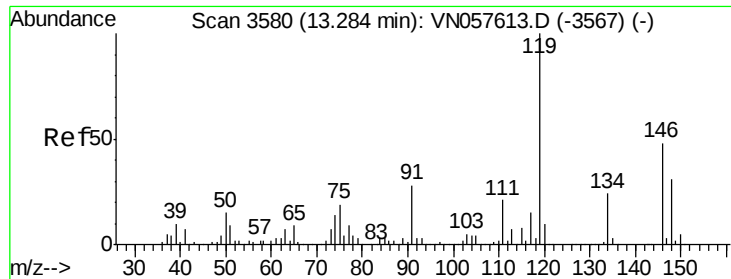
100000

0

Time-->

13.20 13.25 13.30 13.35





#87

1,3-Dichlorobenzene

Concen: 54.667 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN057616.D

Acq: 31 Aug 2019 15:17

Instrument :

MSVOA_N

ClientSampleId :

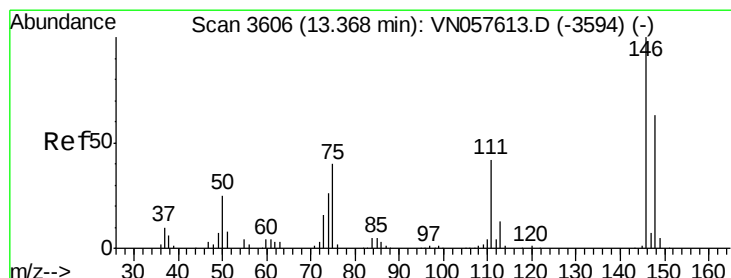
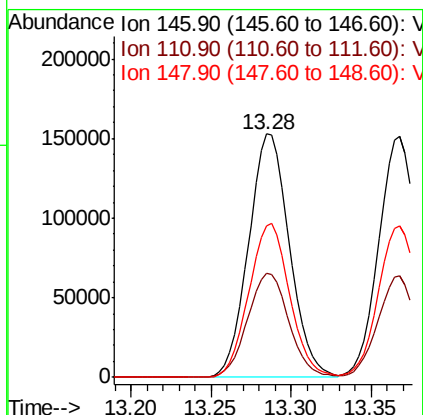
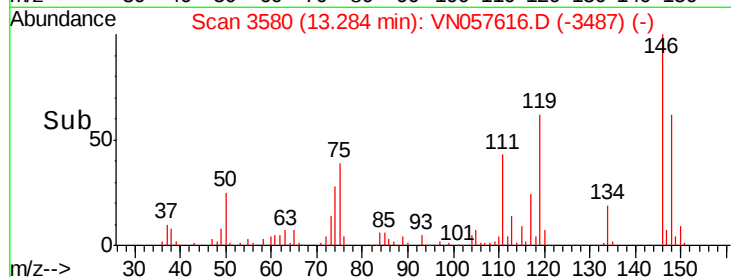
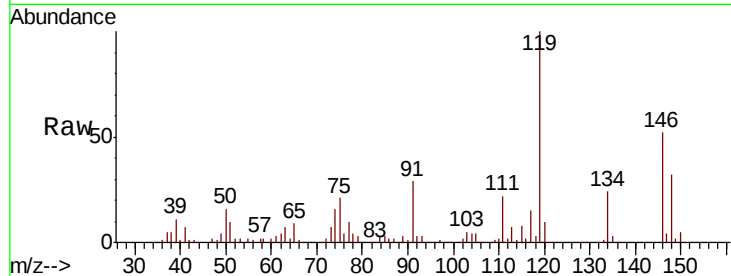
Tot Ion:146 Resp: 269451

Ion Ratio Lower Upper

146 100

111 43.1 21.8 65.3

148 63.0 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 54.816 ug/l

RT: 13.37 min Scan# 3606

Delta R.T. -0.00 min

Lab File: VN057616.D

Acq: 31 Aug 2019 15:17

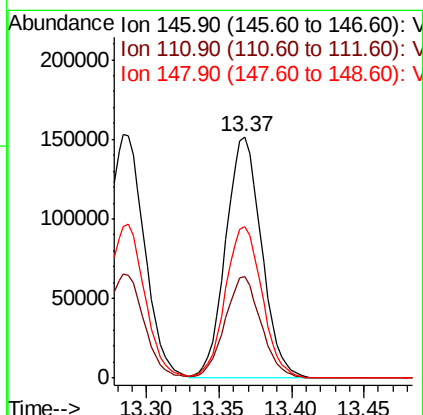
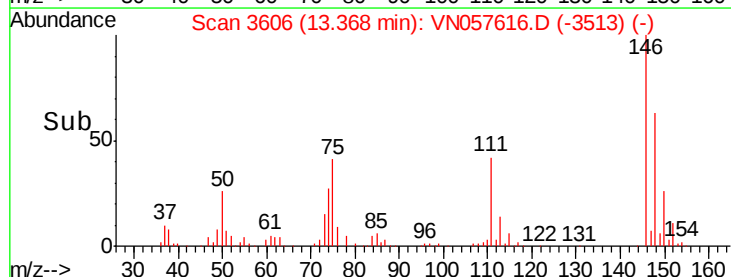
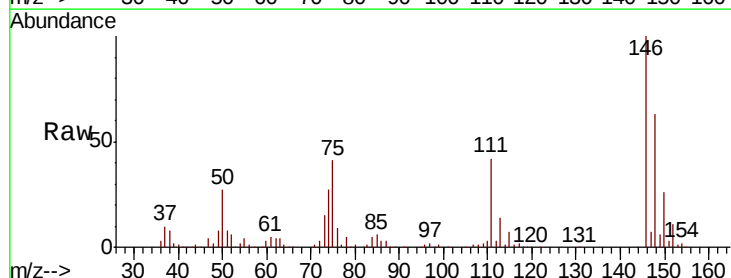
Tgt Ion:146 Resp: 260987

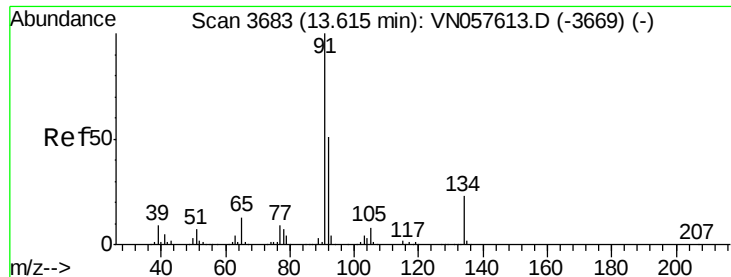
Ion Ratio Lower Upper

146 100

111 42.5 21.6 65.0

148 64.4 32.2 96.6





#89

n-Butylbenzene

Concen: 52.770 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN057616.D

Acq: 31 Aug 2019 15:17

Instrument :

MSVOA_N

ClientSampleId :

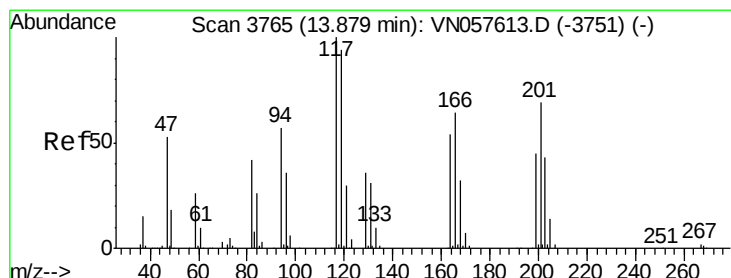
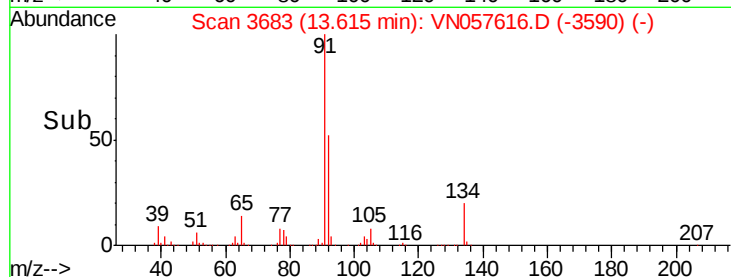
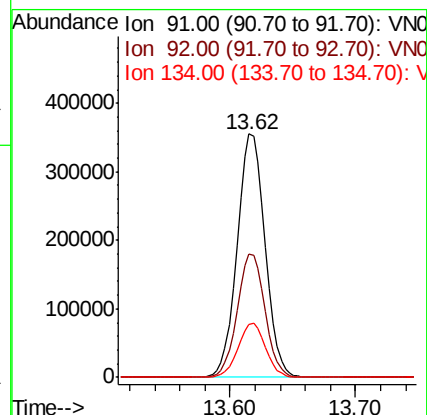
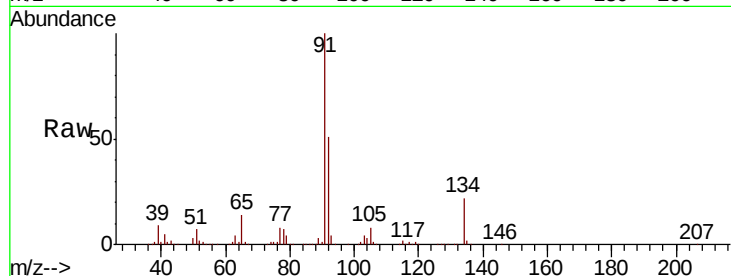
Tot Ion: 91 Resp: 545854

Ion Ratio Lower Upper

91 100

92 50.6 25.4 76.0

134 22.1 11.0 33.0



#90

Hexachloroethane

Concen: 53.016 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. -0.00 min

Lab File: VN057616.D

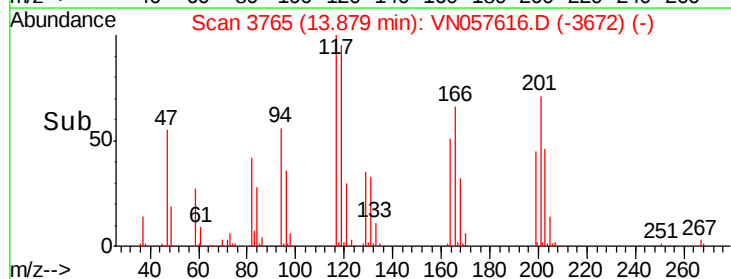
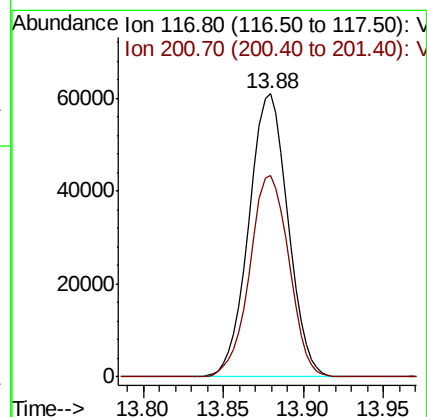
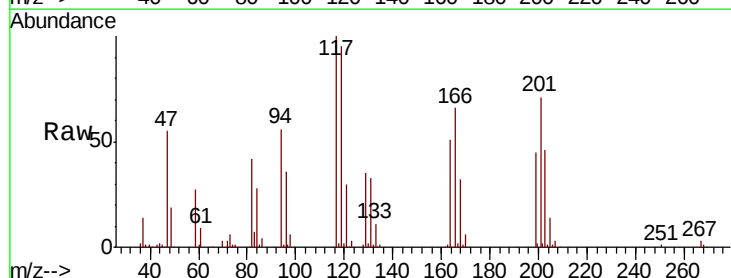
Acq: 31 Aug 2019 15:17

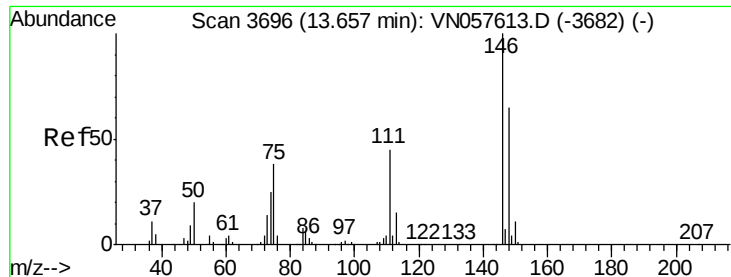
Tgt Ion: 117 Resp: 101595

Ion Ratio Lower Upper

117 100

201 71.6 34.4 103.2





#91

1,2-Dichlorobenzene

Concen: 55.737 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. -0.00 min

Lab File: VN057616.D

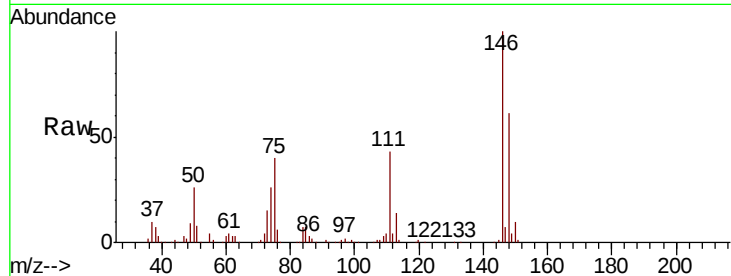
Acq: 31 Aug 2019 15:17

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	146	Resp:	262155
Ion	Ratio	Lower	Upper
146	100		
111	44.3	22.1	66.5
148	62.0	31.6	94.7

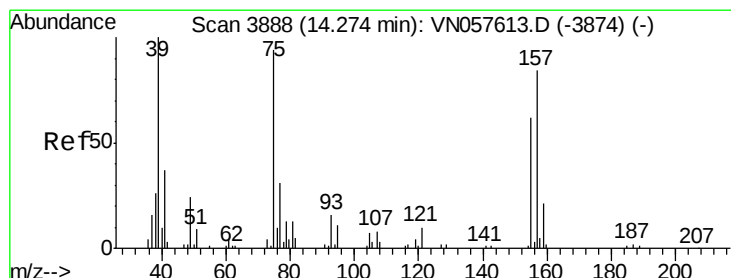
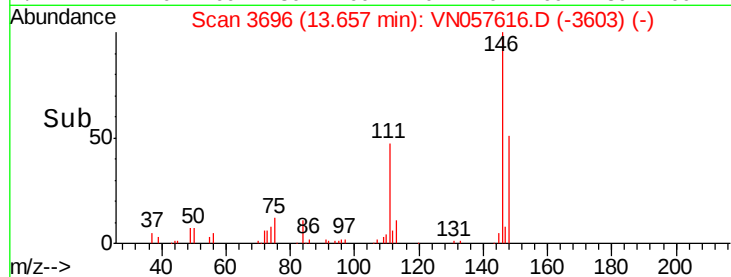
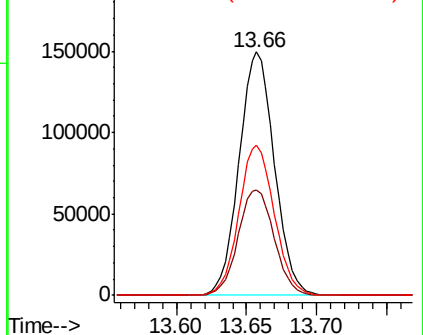


Abundance

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: 56.656 ug/l

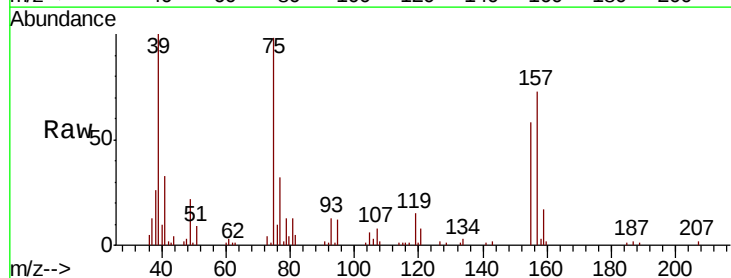
RT: 14.27 min Scan# 3887

Delta R.T. -0.00 min

Lab File: VN057616.D

Acq: 31 Aug 2019 15:17

Tgt Ion:	75	Resp:	36549
Ion	Ratio	Lower	Upper
75	100		
155	63.2	30.1	90.5
157	80.0	41.4	124.4

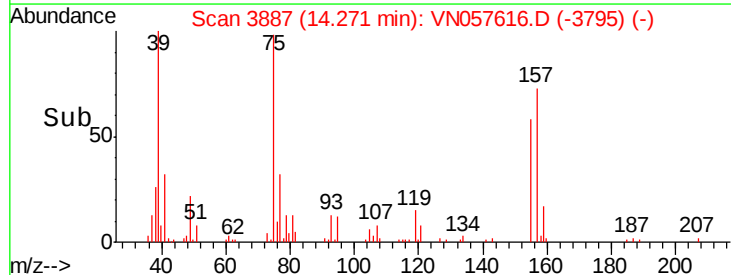
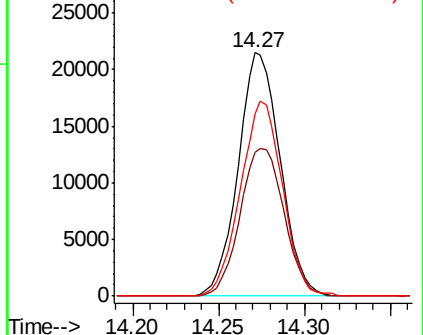


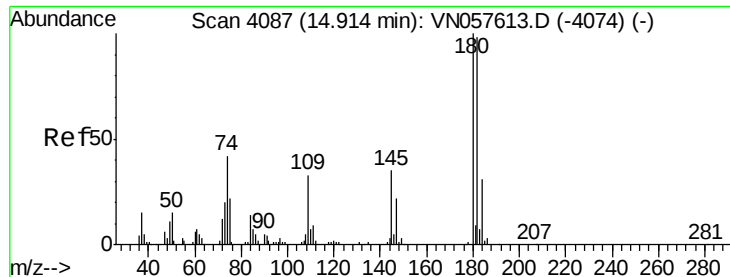
Abundance

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

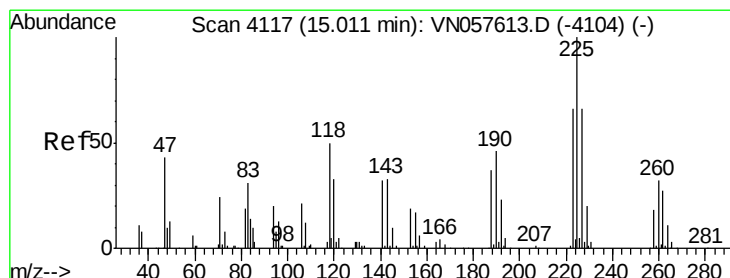
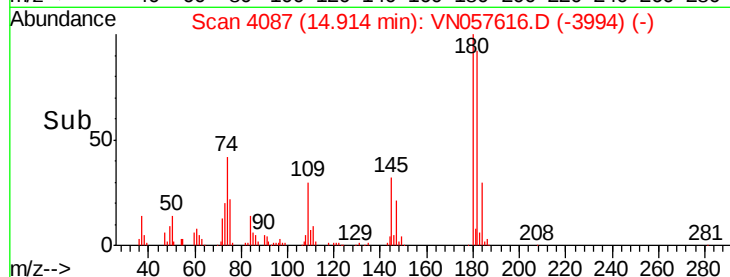
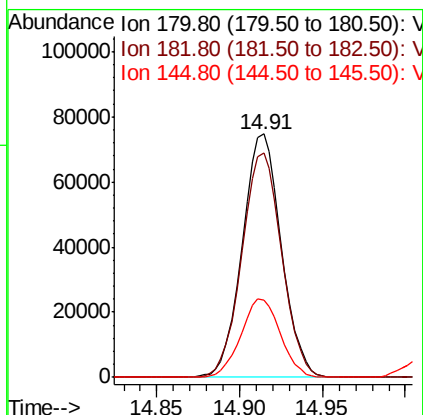
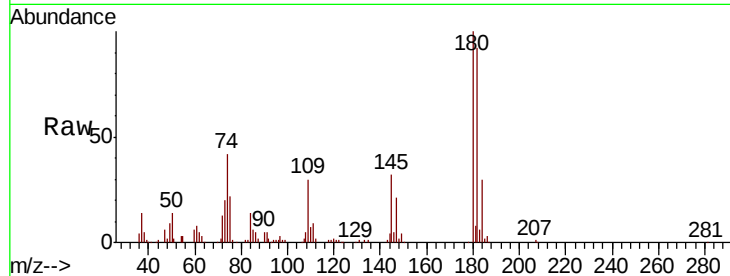




#93
 1,2,4-Trichlorobenzene
 Concen: 58.275 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057616.D
 Acq: 31 Aug 2019 15:17

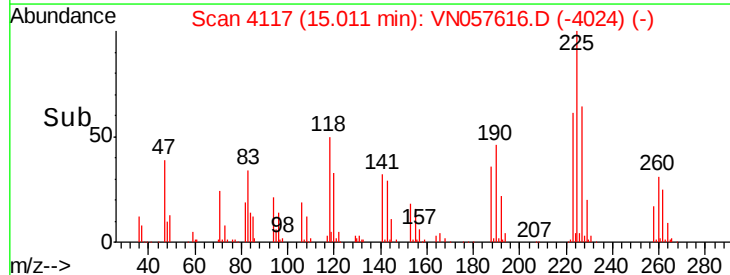
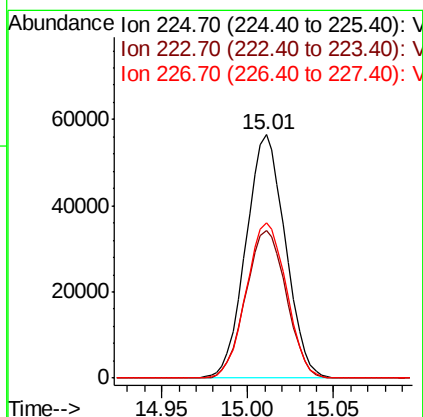
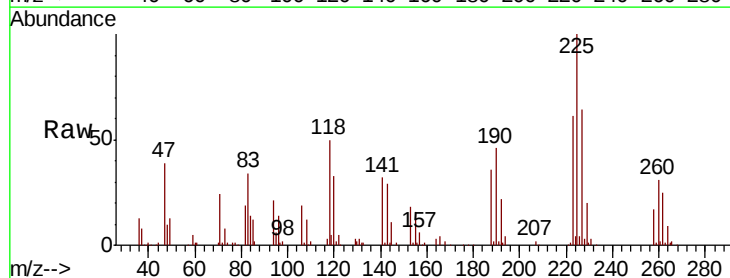
Instrument :
 MSVOA_N
 ClientSampleId :

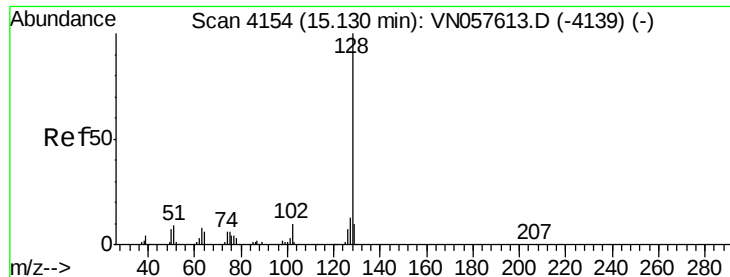
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.8	143.3
145	32.5	16.9	50.7



#94
 Hexachlorobutadiene
 Concen: 55.571 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN057616.D
 Acq: 31 Aug 2019 15:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	32.3	96.8
227	65.2	32.4	97.2

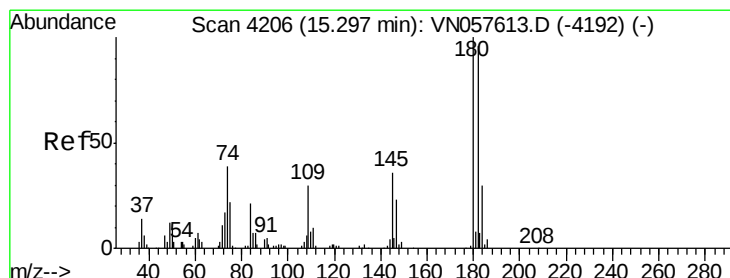
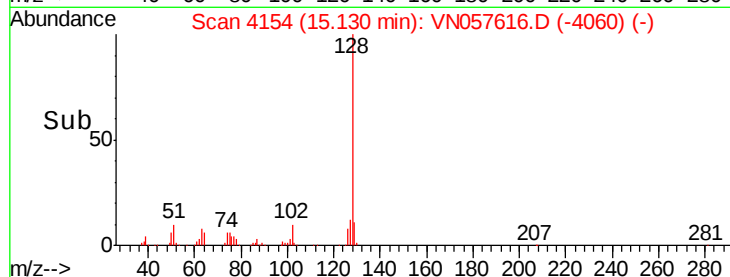
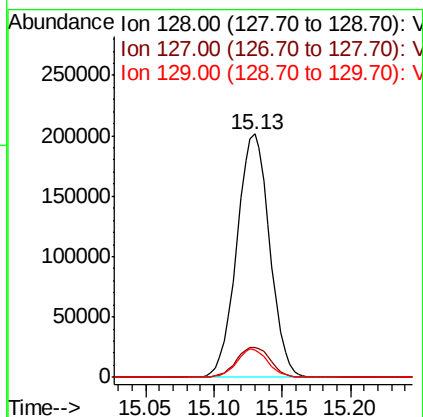
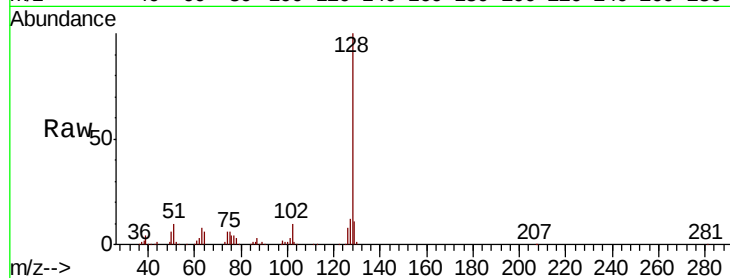




#95
Naphthalene
Concen: 54.857 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 335586
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.2 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 56.890 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN057616.D
Acq: 31 Aug 2019 15:17

Tgt Ion:180 Resp: 118778
Ion Ratio Lower Upper
180 100
182 96.0 46.3 138.9
145 34.5 17.8 53.3

