

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070819\
 Data File : VN056607.D
 Acq On : 8 Jul 2019 14:21
 Operator : JC/SP
 Sample : VN0708WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS01

Quant Time: Jul 09 03:44:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	318238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	477353	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	421069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	186753	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	160261	45.44	ug/l	0.00
Spiked Amount			Recovery	=	90.88%	
35) Dibromofluoromethane	7.59	113	140507	47.18	ug/l	0.00
Spiked Amount			Recovery	=	94.36%	
50) Toluene-d8	10.09	98	524497	45.27	ug/l	0.00
Spiked Amount			Recovery	=	90.54%	
62) 4-Bromofluorobenzene	12.40	95	180090	46.62	ug/l	0.00
Spiked Amount			Recovery	=	93.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	43554	16.163	ug/l	100
3) Chloromethane	2.06	50	55916	15.240	ug/l	100
4) Vinyl Chloride	2.18	62	57064	16.103	ug/l	98
5) Bromomethane	2.53	94	30276	14.573	ug/l	97
6) Chloroethane	2.68	64	33309	16.231	ug/l	100
7) Trichlorofluoromethane	3.00	101	80238	17.504	ug/l	95
8) Diethyl Ether	3.41	74	33636	17.338	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.75	101	51328	17.558	ug/l	98
10) Methyl Iodide	3.95	142	56103	14.199	ug/l	99
11) Tert butyl alcohol	4.79	59	51732	87.084	ug/l	99
12) 1,1-Dichloroethene	3.73	96	47406	16.863	ug/l	98
13) Acrolein	3.60	56	28580	57.083	ug/l	98
14) Allyl chloride	4.32	41	83094	17.756	ug/l	100
15) Acrylonitrile	4.99	53	150023	91.286	ug/l	99
16) Acetone	3.81	43	135989	76.956	ug/l	100
17) Carbon Disulfide	4.05	76	96414	15.078	ug/l	100
18) Methyl Acetate	4.32	43	68406	19.231	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	166293	17.876	ug/l	97
20) Methylene Chloride	4.54	84	58313	16.916	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	50100	16.529	ug/l	96
22) Diisopropyl ether	5.95	45	185132	18.837	ug/l	98
23) Vinyl Acetate	5.89	43	735817	94.923	ug/l	99
24) 1,1-Dichloroethane	5.84	63	101694	18.026	ug/l	100
25) 2-Butanone	6.83	43	208137	88.994	ug/l	99
26) 2,2-Dichloropropane	6.82	77	74195	18.909	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	63598	17.935	ug/l	99
28) Bromochloromethane	7.19	49	51725	18.536	ug/l	100
29) Tetrahydrofuran	7.21	42	135209	94.602	ug/l	97
30) Chloroform	7.37	83	103479	18.588	ug/l	98
31) Cyclohexane	7.65	56	91565	16.812	ug/l	# 96
32) 1,1,1-Trichloroethane	7.57	97	80577	18.261	ug/l	99
36) 1,1-Dichloropropene	7.79	75	71865	17.104	ug/l	99
37) Ethyl Acetate	6.93	43	79715	19.306	ug/l	99
38) Carbon Tetrachloride	7.77	117	68437	18.626	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	85170	16.428	ug/l	99
40) Benzene	8.04	78	231013	17.875	ug/l	99
41) Methacrylonitrile	7.17	41	35707	19.584	ug/l	90
42) 1,2-Dichloroethane	8.12	62	76371	17.906	ug/l	100
43) Isopropyl Acetate	8.16	43	123620	19.416	ug/l	99
44) Trichloroethene	8.83	130	60821	17.470	ug/l	96
45) 1,2-Dichloropropane	9.12	63	62710	18.143	ug/l	97
46) Dibromomethane	9.21	93	39447	18.242	ug/l	99
47) Bromodichloromethane	9.40	83	76238	19.879	ug/l	99
48) Methyl methacrylate	9.20	41	60953	19.104	ug/l	96
49) 1,4-Dioxane	9.20	88	25377	383.272	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	403986	98.307	ug/l	99
52) Toluene	10.15	92	140293	17.755	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	76684	19.066	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	88386	19.137	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	59832	18.838	ug/l	97
56) Ethyl methacrylate	10.43	69	88498	19.066	ug/l	99
57) 1,3-Dichloropropane	10.71	76	99913	18.726	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	226578	135.880	ug/l	98
59) 2-Hexanone	10.75	43	289256	95.771	ug/l	100
60) Dibromochloromethane	10.90	129	58209	19.363	ug/l	99
61) 1,2-Dibromoethane	11.00	107	59551	18.358	ug/l	99
64) Tetrachloroethene	10.63	164	57872	17.355	ug/l	99
65) Chlorobenzene	11.43	112	152532	18.028	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	56767	19.852	ug/l	99
67) Ethyl Benzene	11.51	91	267953	18.037	ug/l	100
68) m/p-Xylenes	11.62	106	202023	37.107	ug/l	99
69) o-Xylene	11.94	106	97952	18.185	ug/l	99
70) Styrene	11.96	104	163505	18.991	ug/l	99
71) Bromoform	12.13	173	40494	19.593	ug/l #	99
73) Isopropylbenzene	12.25	105	261505	16.862	ug/l	100
74) N-amyl acetate	12.07	43	98882	16.637	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	87558	18.208	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	100738	26.015	ug/l #	100
77) Bromobenzene	12.52	156	68709	16.454	ug/l	96
78) n-propylbenzene	12.59	91	289020	16.900	ug/l	100
79) 2-Chlorotoluene	12.67	91	176886	17.203	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	221801	17.398	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	21211	19.468	ug/l	97
82) 4-Chlorotoluene	12.77	91	171975	17.031	ug/l	99
83) tert-Butylbenzene	12.99	119	190119	16.727	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	219071	17.425	ug/l	99
85) sec-Butylbenzene	13.17	105	251802	16.751	ug/l	100
86) p-Isopropyltoluene	13.29	119	226771	17.579	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	113216	17.891	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	108838	17.759	ug/l	99
89) n-Butylbenzene	13.61	91	184473	18.890	ug/l	99
90) Hexachloroethane	13.87	117	34391	17.100	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	113431	18.066	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	14020	20.289	ug/l	99

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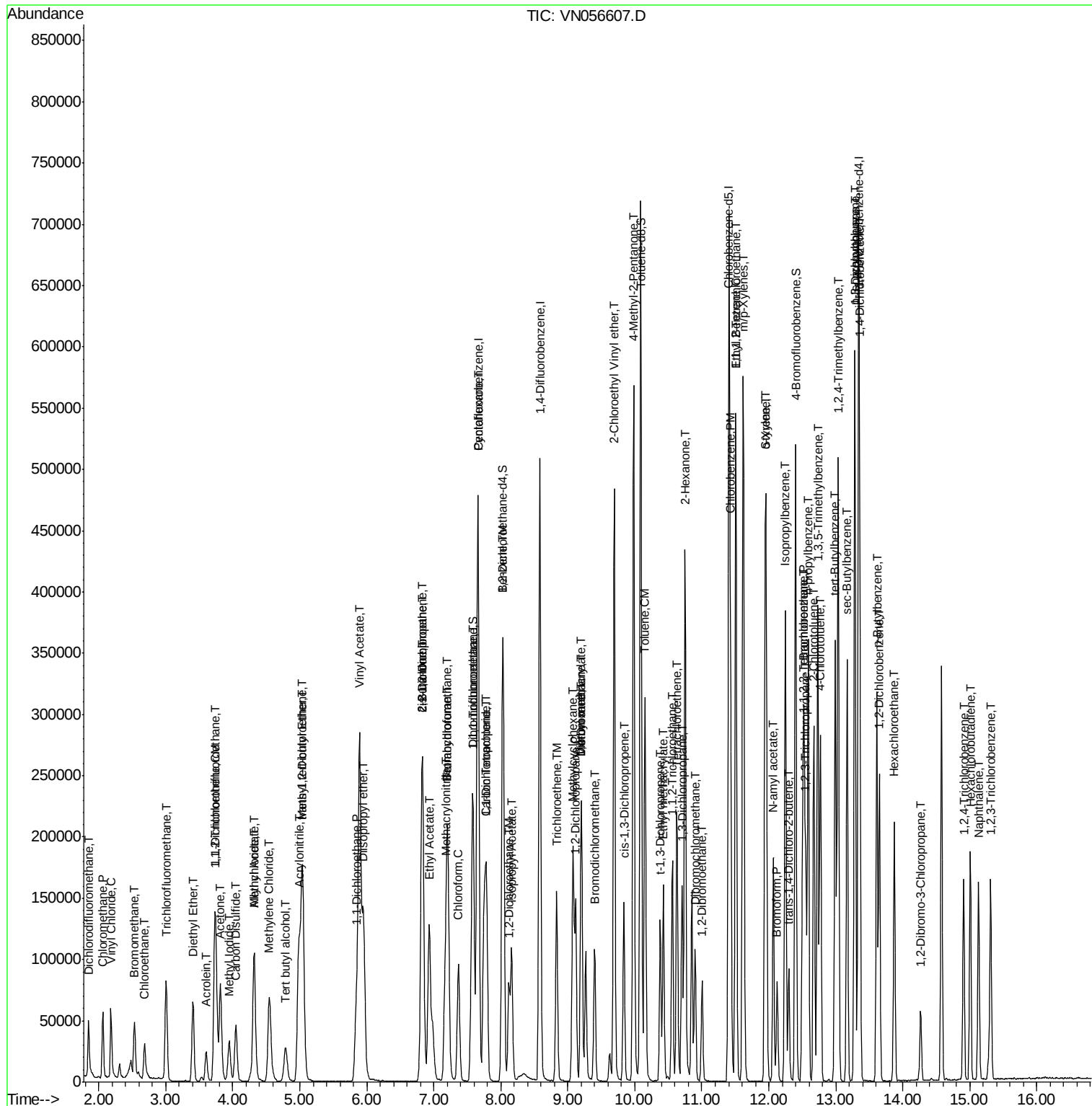
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	55609	20.712	ug/l	98
94) Hexachlorobutadiene	15.01	225	40541	17.846	ug/l	99
95) Naphthalene	15.13	128	142994	20.223	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	59176	20.383	ug/l	99

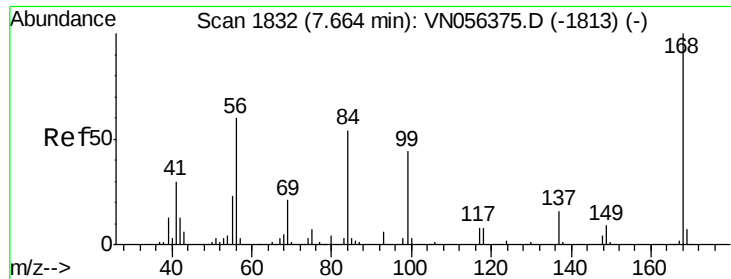
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

ClientSampled :

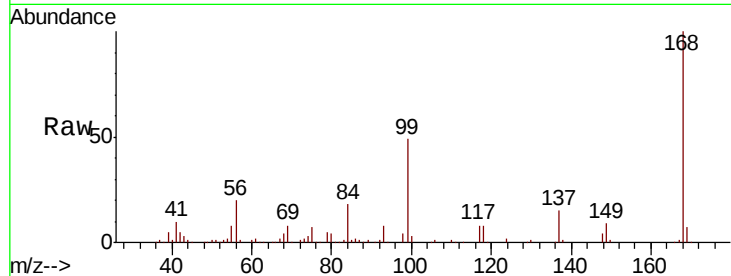
VN0708WBS01

Tot Ion:168 Resp: 318238

Ion Ratio Lower Upper

168 100

99 48.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

150000

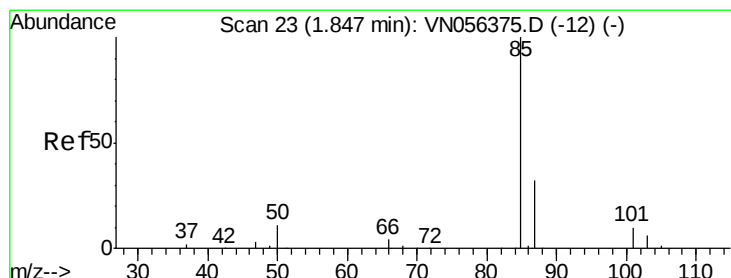
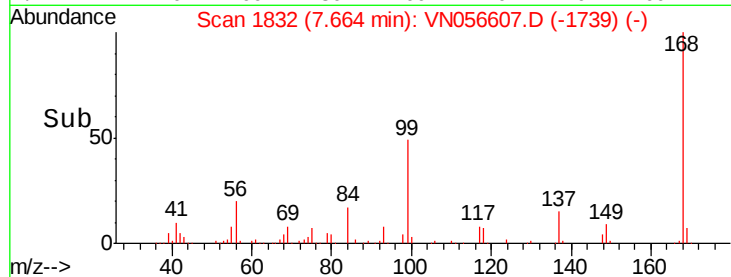
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.163 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN056607.D

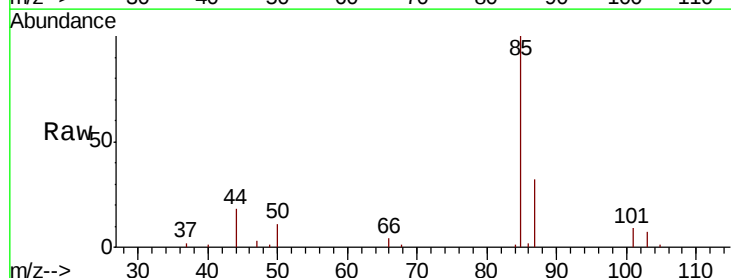
Acq: 8 Jul 2019 14:21

Tgt Ion: 85 Resp: 43554

Ion Ratio Lower Upper

85 100

87 32.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

30000

25000

20000

15000

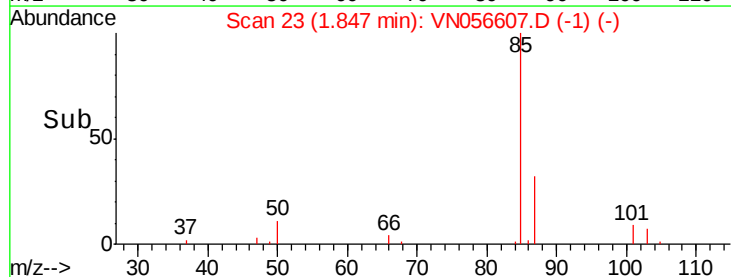
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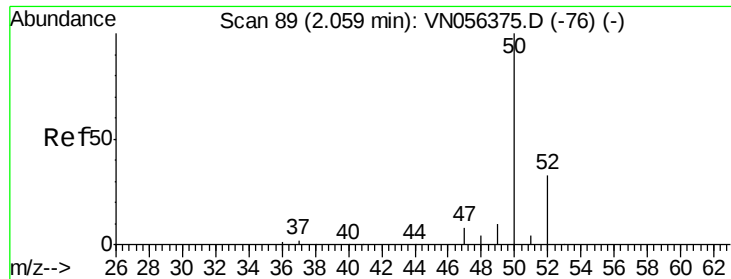
5000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 15.240 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

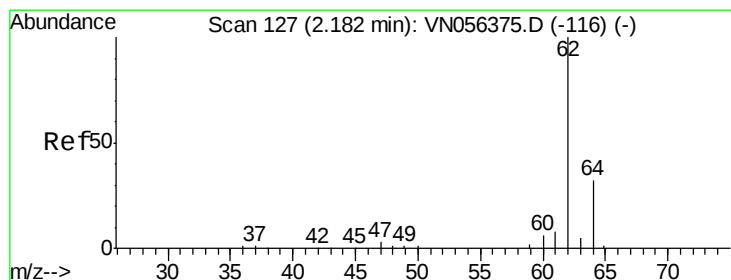
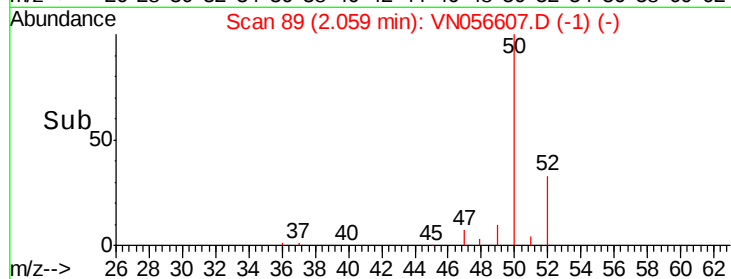
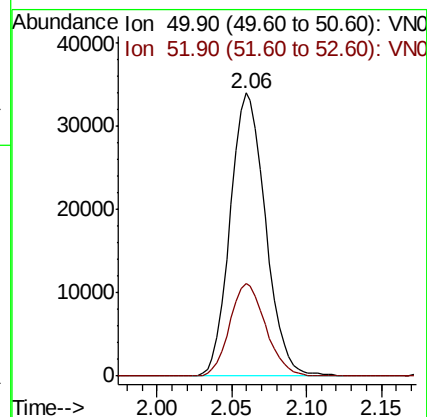
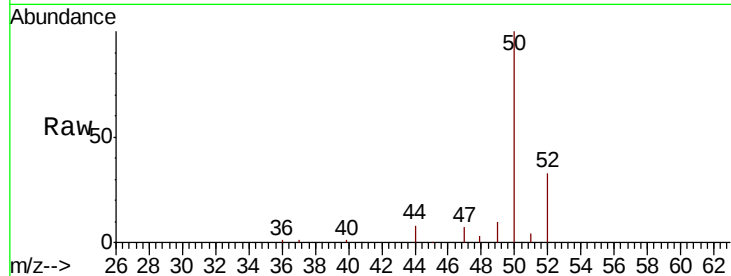
VN0708WBS01

Tot Ion: 50 Resp: 55916

Ion Ratio Lower Upper

50 100

52 32.9 26.5 39.7



#4

Vinyl Chloride

Concen: 16.103 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056607.D

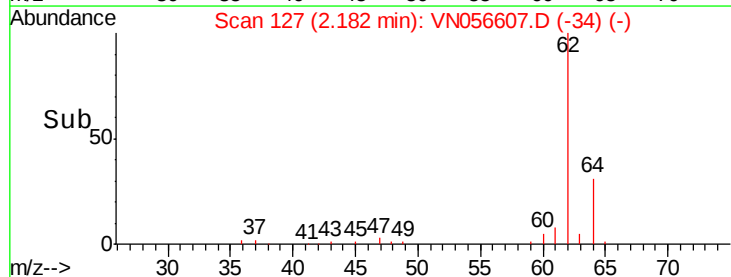
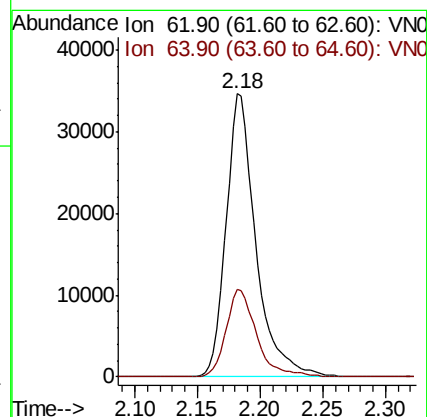
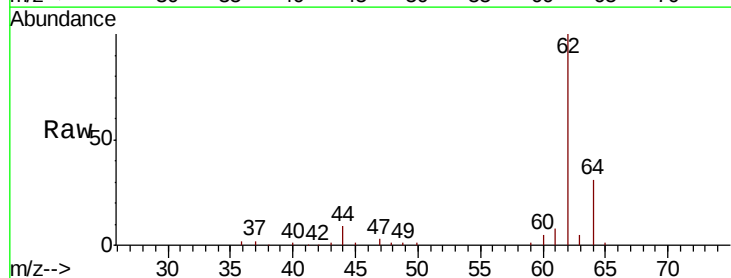
Acq: 8 Jul 2019 14:21

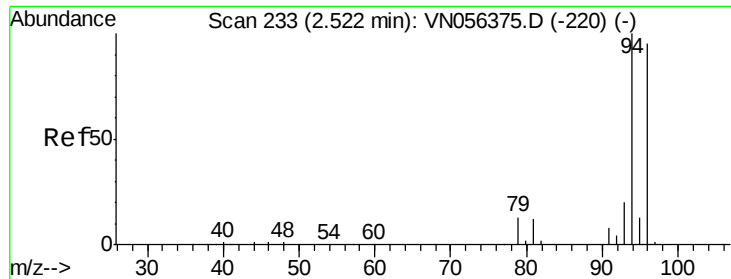
Tgt Ion: 62 Resp: 57064

Ion Ratio Lower Upper

62 100

64 30.7 25.7 38.5

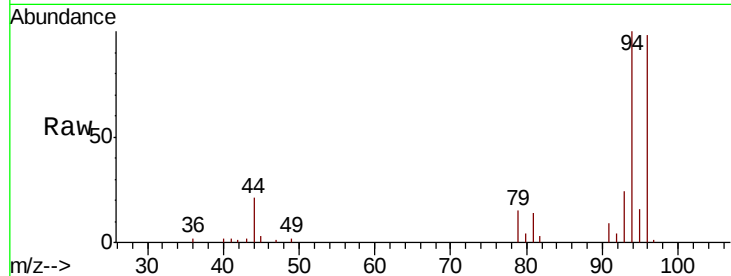




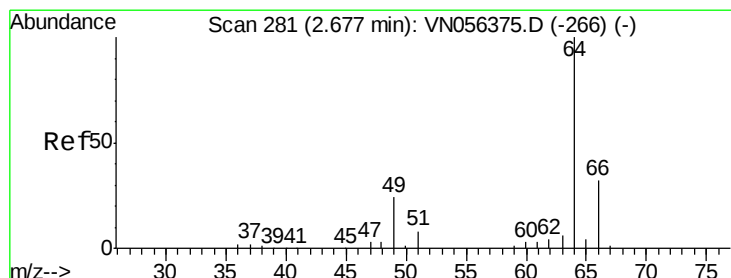
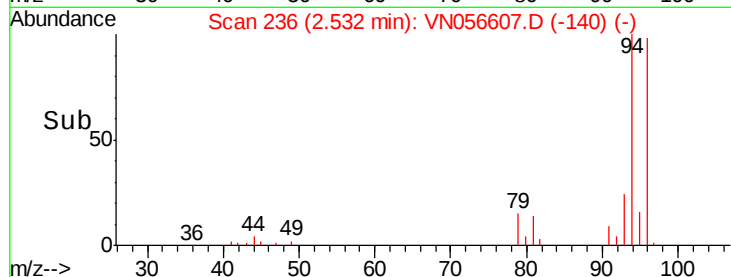
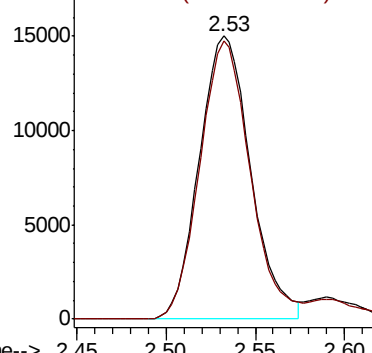
#5
Bromomethane
Concen: 14.573 ug/l
RT: 2.53 min Scan# 236
Delta R.T. 0.01 min
Lab File: VN056607.D
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Instrument :
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ClientSampleId :
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Tot Ion: 94 Resp: 30276
Ion Ratio Lower Upper
94 100
96 98.2 76.0 114.0

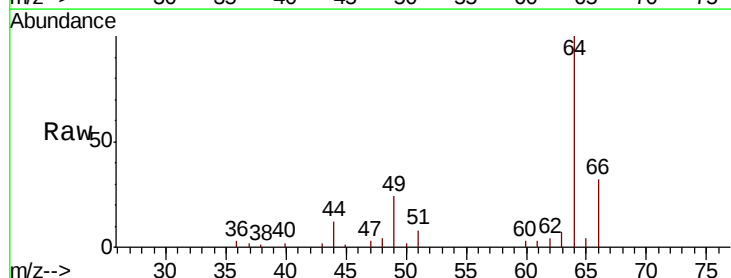


Abundance Ion 93.90 (93.60 to 94.60): VN0
Ion 95.90 (95.60 to 96.60): VN0

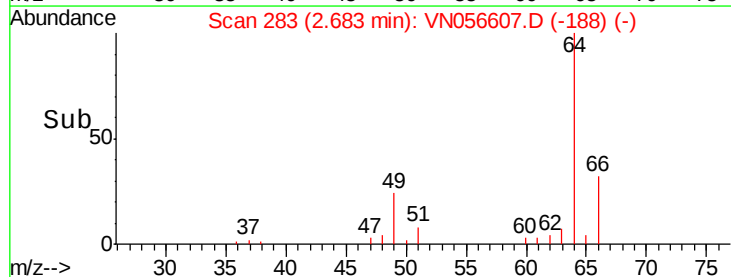
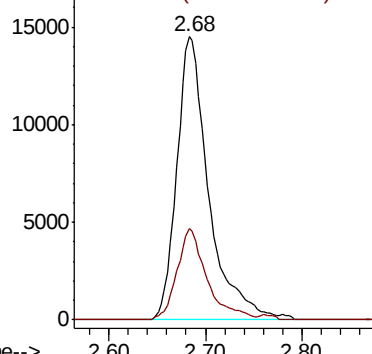


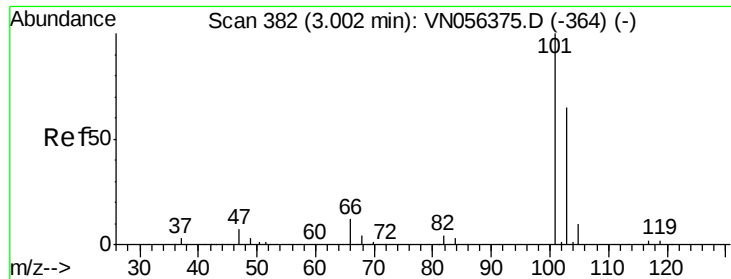
#6
Chloroethane
Concen: 16.231 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.01 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion: 64 Resp: 33309
Ion Ratio Lower Upper
64 100
66 32.3 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0
Ion 65.90 (65.60 to 66.60): VN0



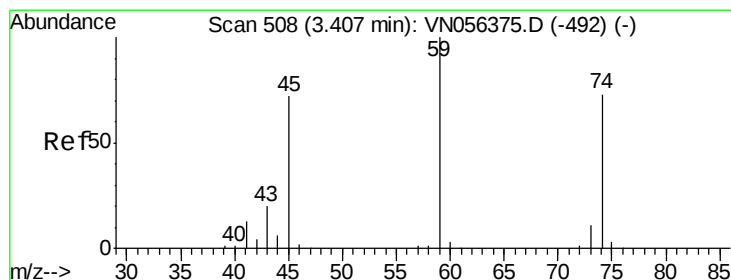
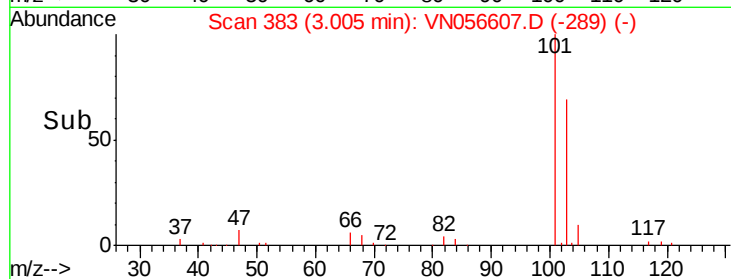
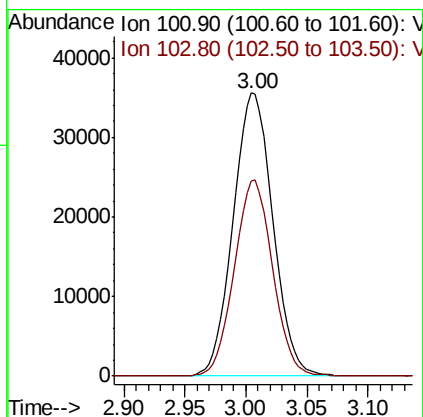
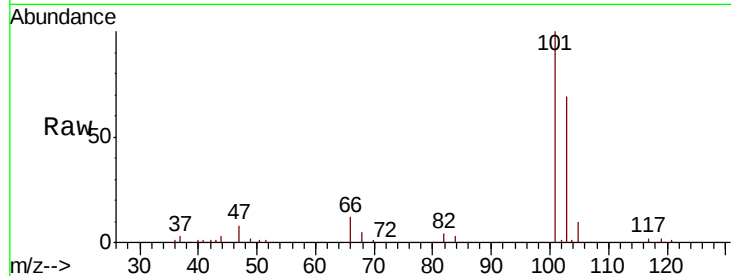


#7

Trichlorofluoromethane
 Concen: 17.504 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN056607.D
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Instrument :
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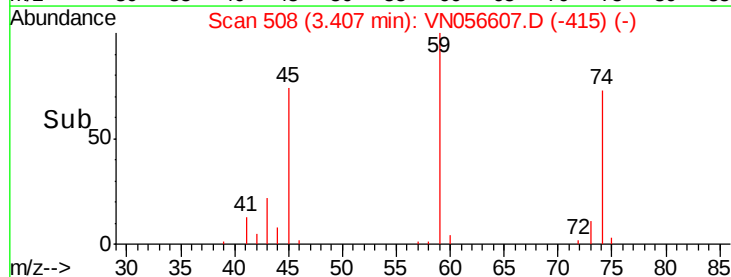
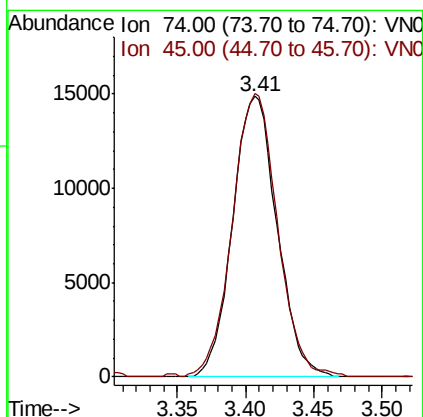
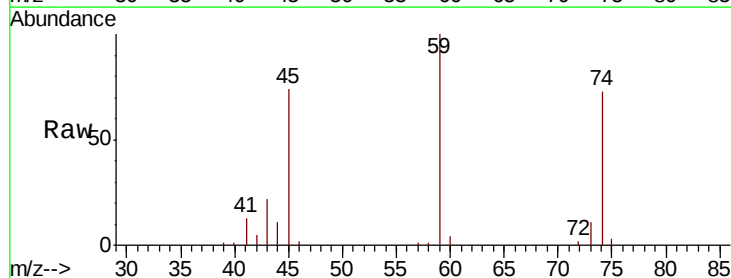
Tot Ion:101 Resp: 80238
 Ion Ratio Lower Upper
 101 100
 103 68.8 51.7 77.5

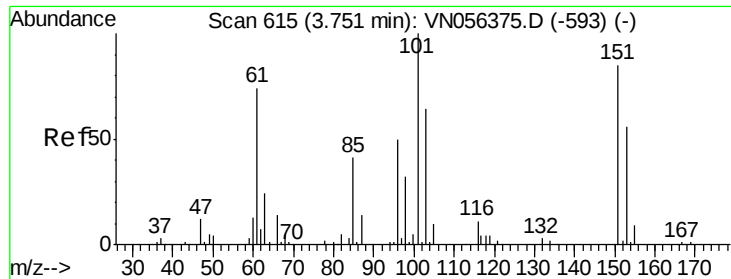


#8

Diethyl Ether
 Concen: 17.338 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN056607.D
 Acq: 8 Jul 2019 14:21

Tgt Ion: 74 Resp: 33636
 Ion Ratio Lower Upper
 74 100
 45 102.8 48.9 146.6

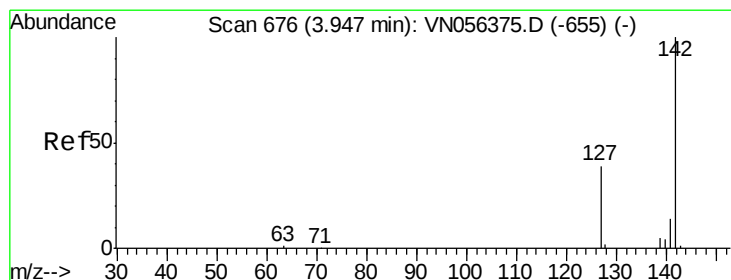
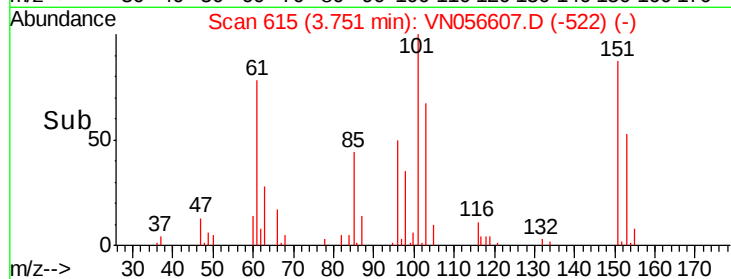
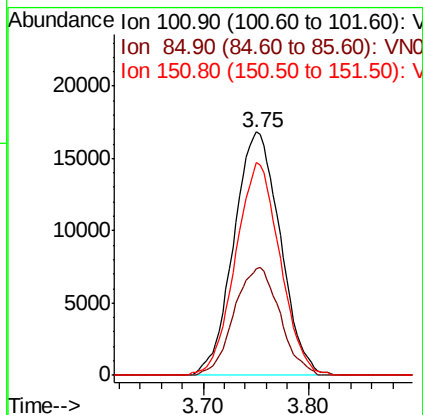
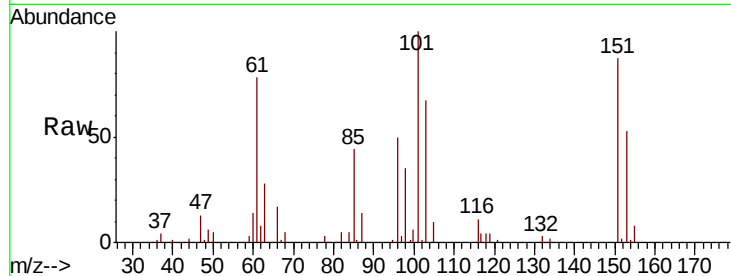




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.558 ug/l
 RT: 3.75 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: VN056607.D
 Acq: 8 Jul 2019 14:21

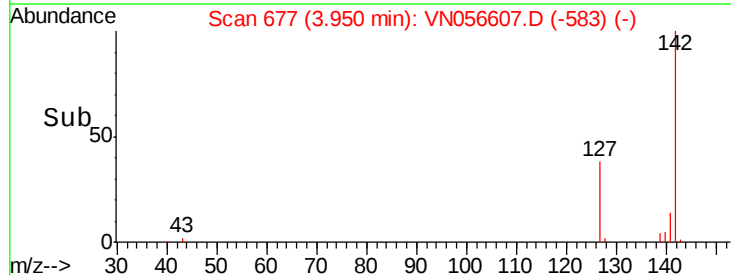
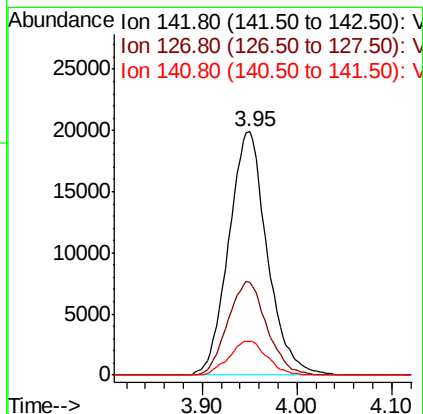
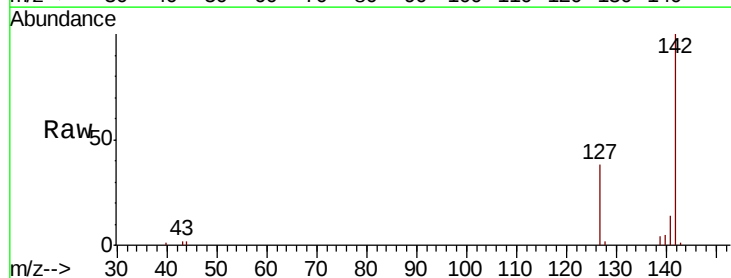
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS01

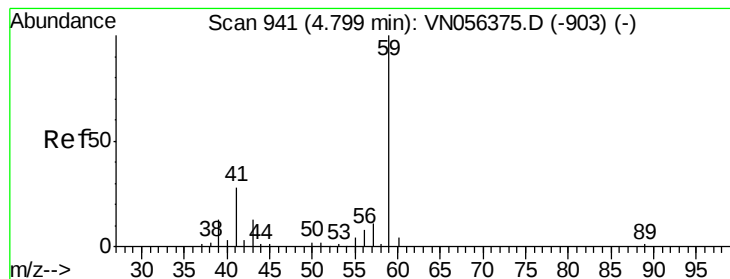
Tot Ion:101 Resp: 51328
 Ion Ratio Lower Upper
 101 100
 85 43.7 32.7 49.1
 151 84.0 66.8 100.2



#10
 Methyl Iodide
 Concen: 14.199 ug/l
 RT: 3.95 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: VN056607.D
 Acq: 8 Jul 2019 14:21

Tgt Ion:142 Resp: 56103
 Ion Ratio Lower Upper
 142 100
 127 39.0 30.6 46.0
 141 13.8 11.4 17.2



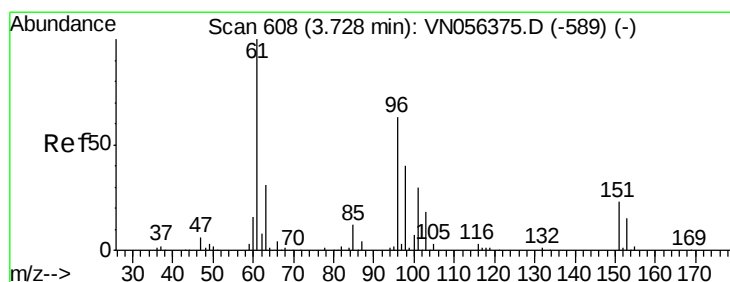
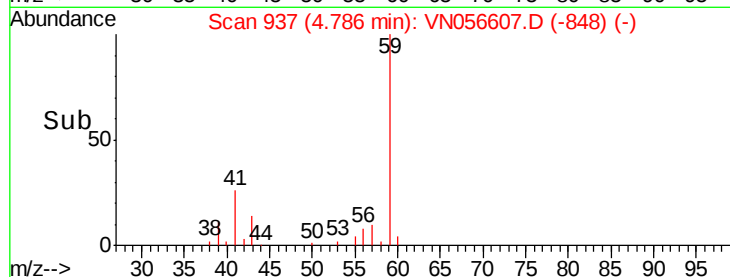
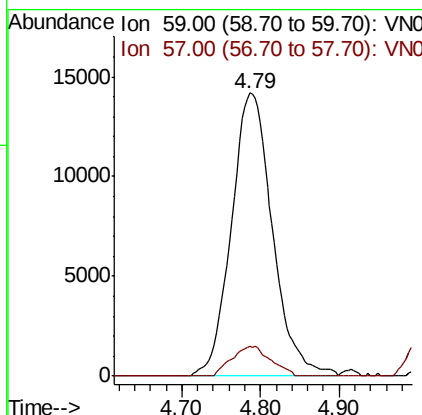
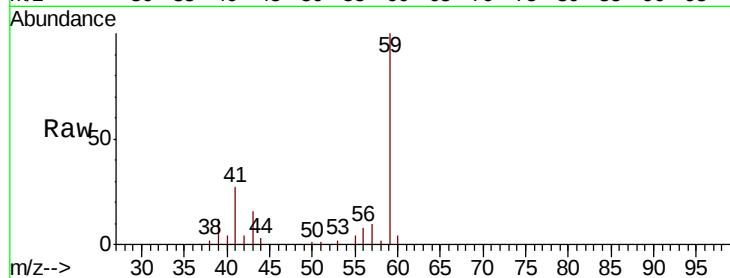


#11

Tert butyl alcohol
 Concen: 87.084 ug/l
 RT: 4.79 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: VN056607.D
 Acq: 8 Jul 2019 14:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS01

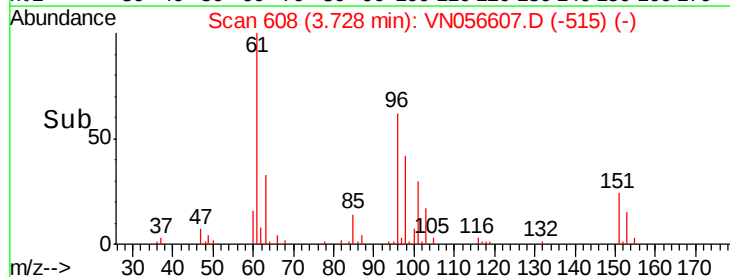
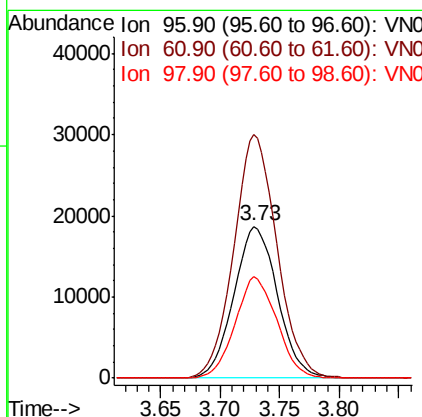
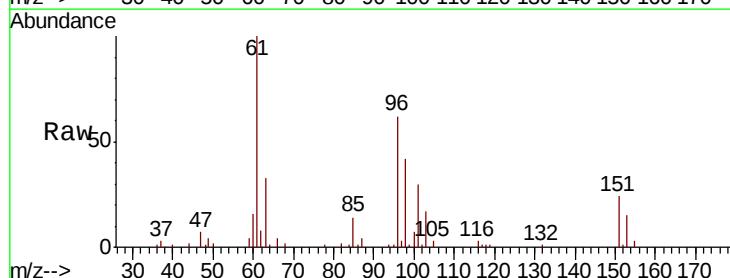
Tot Ion: 59 Resp: 51732
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.6 11.4

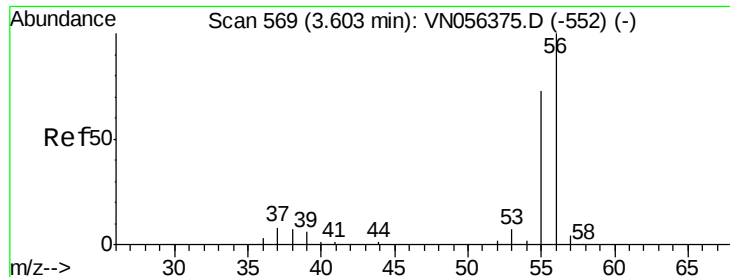


#12

1,1-Dichloroethene
 Concen: 16.863 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN056607.D
 Acq: 8 Jul 2019 14:21

Tgt Ion: 96 Resp: 47406
 Ion Ratio Lower Upper
 96 100
 61 160.2 126.6 190.0
 98 66.5 51.1 76.7





#13

Acrolein

Concen: 57.083 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

ClientSampled :

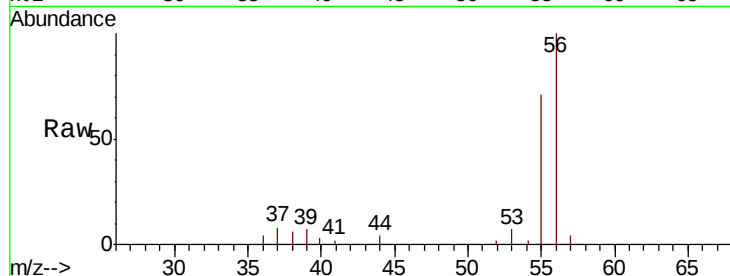
VN0708WBS01

Tot Ion: 56 Resp: 28580

Ion Ratio Lower Upper

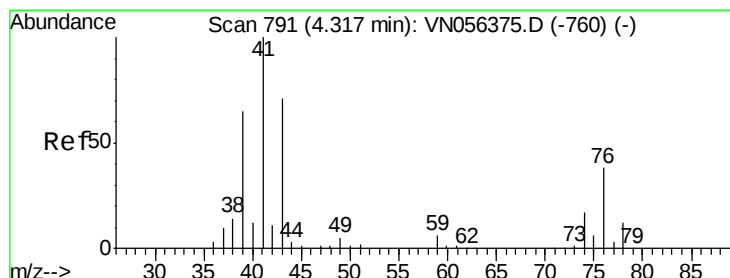
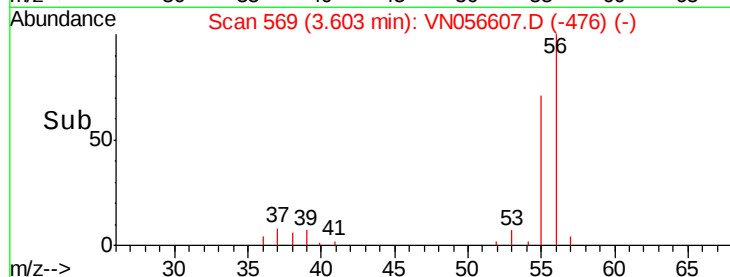
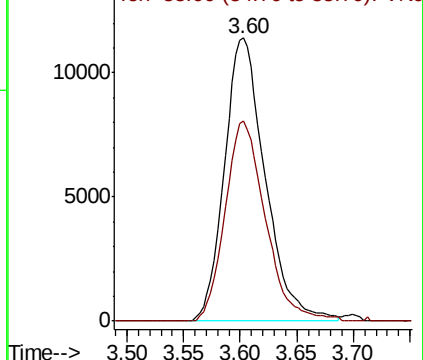
56 100

55 70.0 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 17.756 ug/l

RT: 4.32 min Scan# 791

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

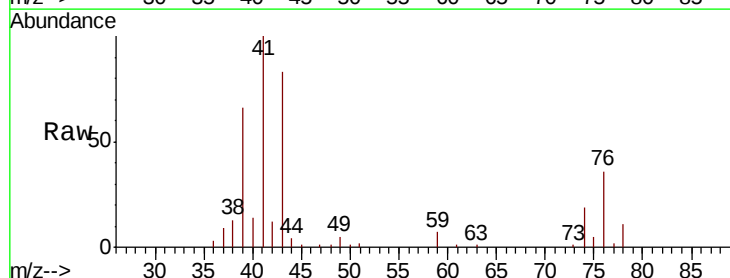
Tgt Ion: 41 Resp: 83094

Ion Ratio Lower Upper

41 100

39 61.2 48.6 73.0

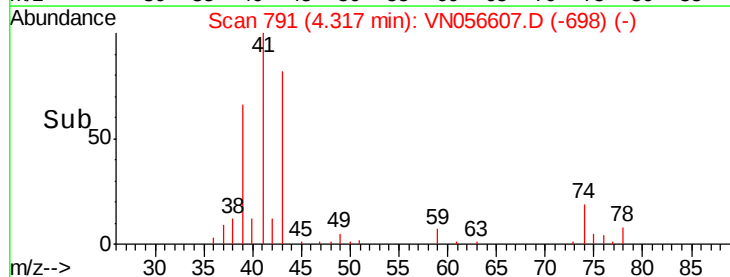
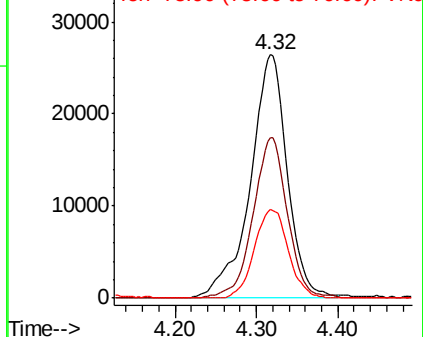
76 33.3 26.6 40.0

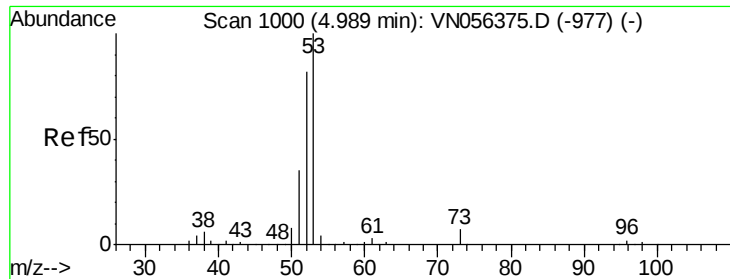


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

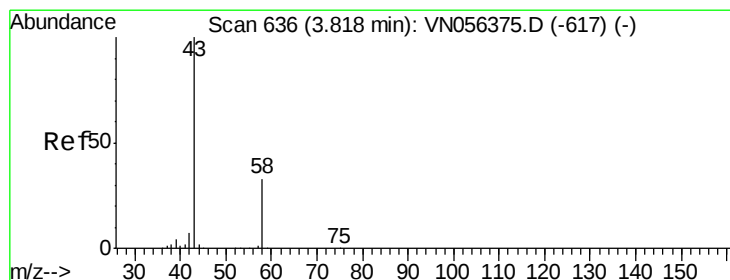
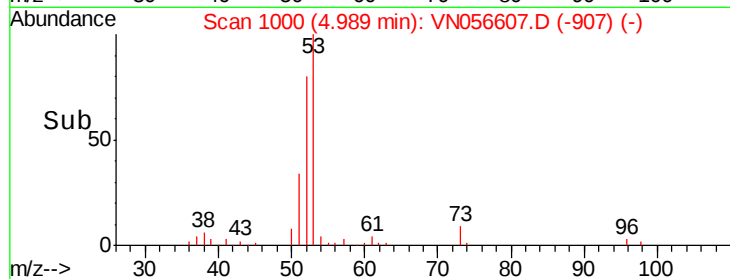
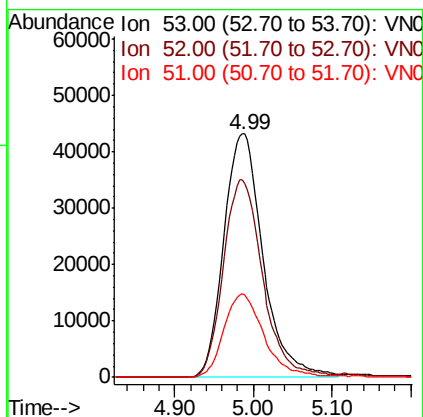
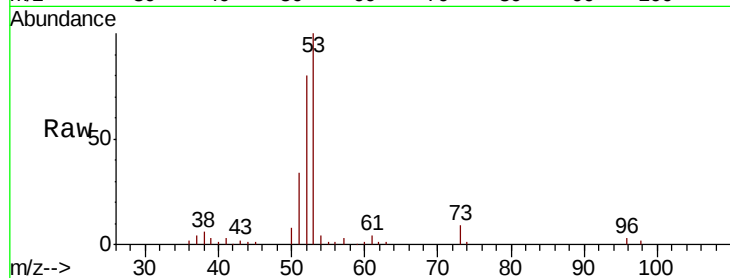




#15
 Acrylonitrile
 Concen: 91.286 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VN056607.D
 Acq: 8 Jul 2019 14:21

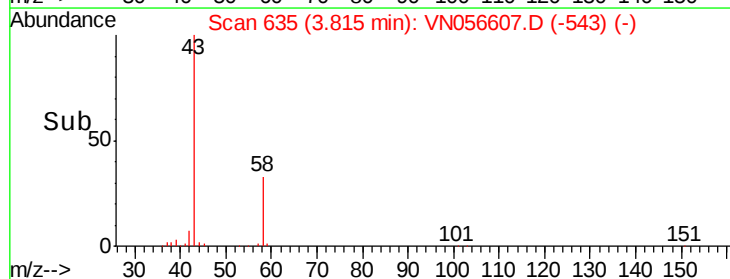
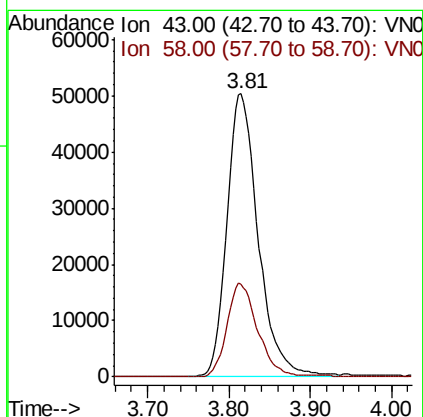
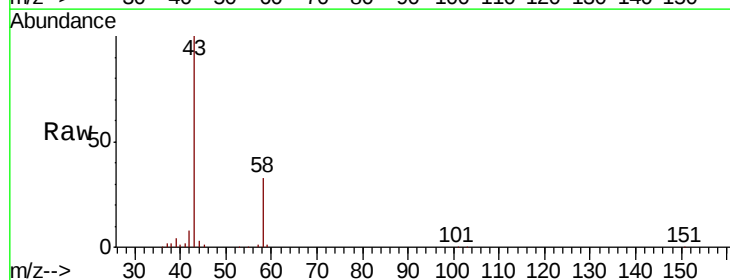
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS01

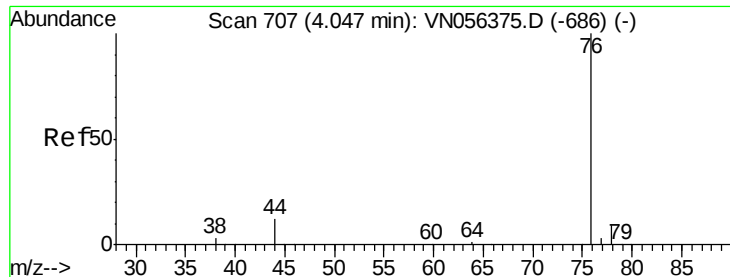
Tot Ion: 53 Resp: 150023
 Ion Ratio Lower Upper
 53 100
 52 81.2 65.9 98.9
 51 34.9 28.3 42.5



#16
 Acetone
 Concen: 76.956 ug/l
 RT: 3.81 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: VN056607.D
 Acq: 8 Jul 2019 14:21

Tgt Ion: 43 Resp: 135989
 Ion Ratio Lower Upper
 43 100
 58 32.8 26.4 39.6

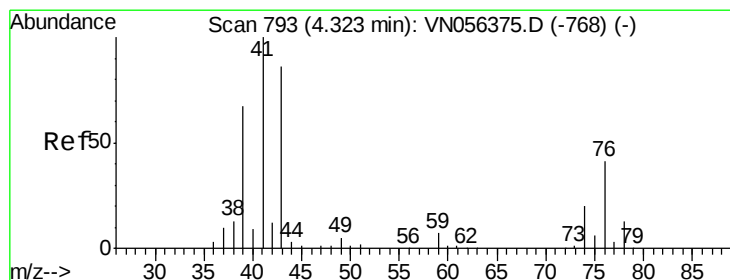
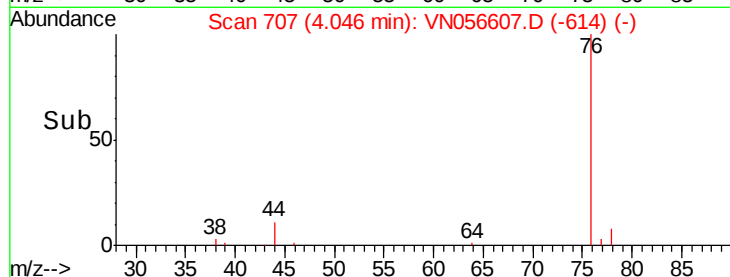
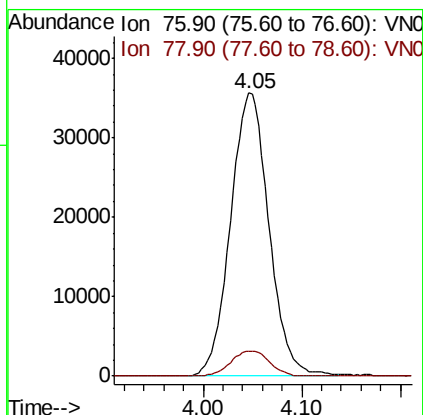
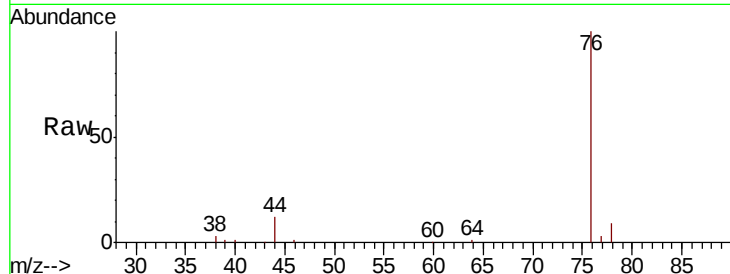




#17
Carbon Disulfide
Concen: 15.078 ug/l
RT: 4.05 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

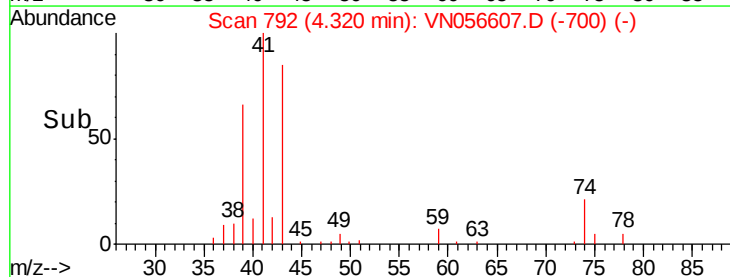
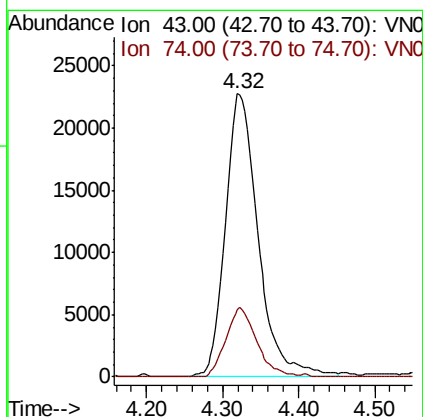
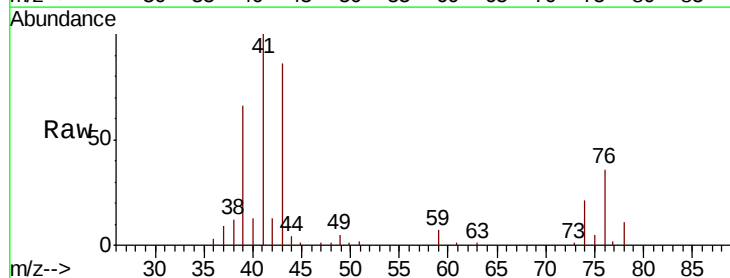
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

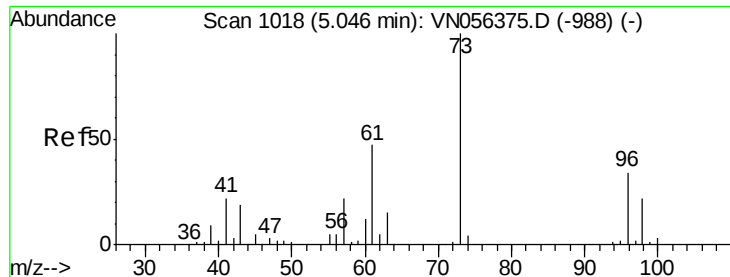
Tot Ion: 76 Resp: 96414
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 19.231 ug/l
RT: 4.32 min Scan# 792
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion: 43 Resp: 68406
Ion Ratio Lower Upper
43 100
74 22.9 19.2 28.8

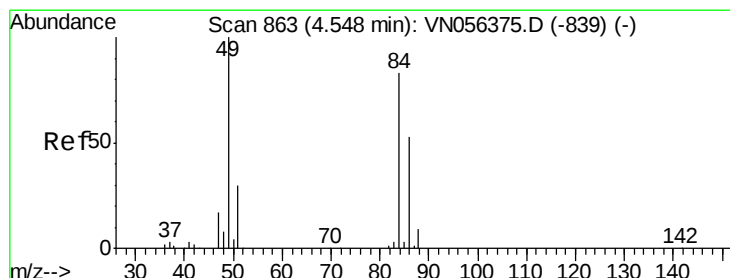
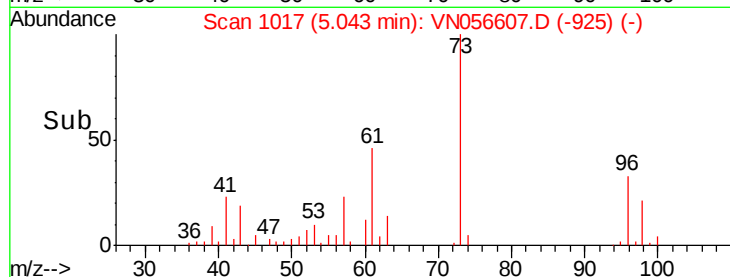
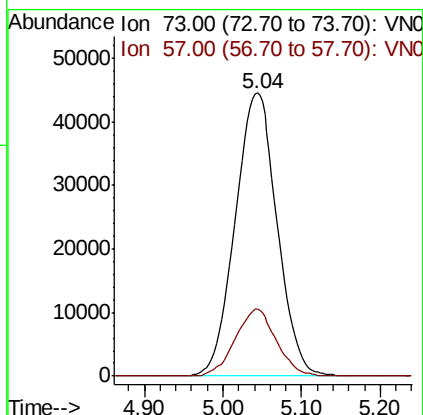
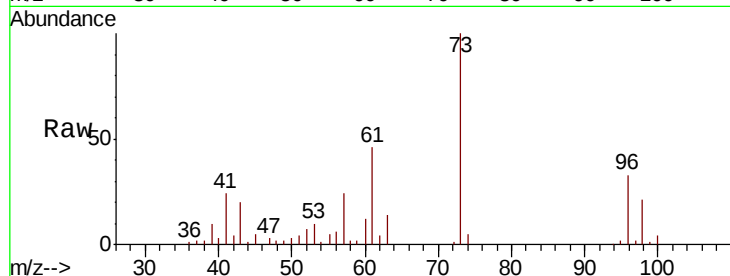




#19
Methyl tert-butyl Ether
Concen: 17.876 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

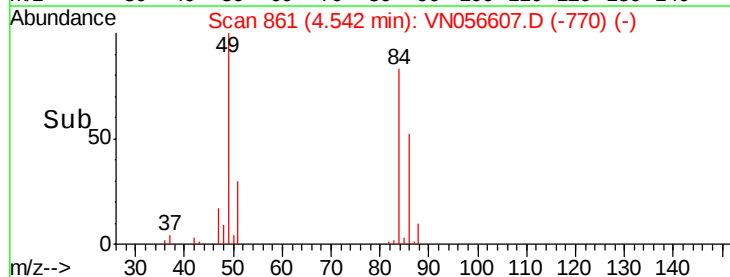
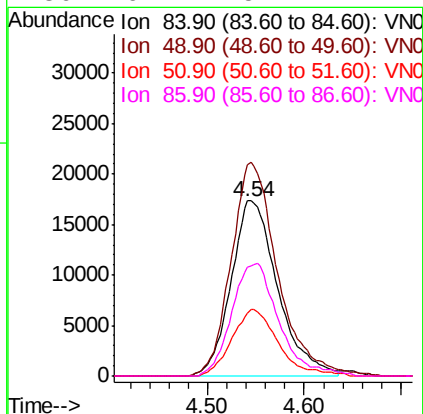
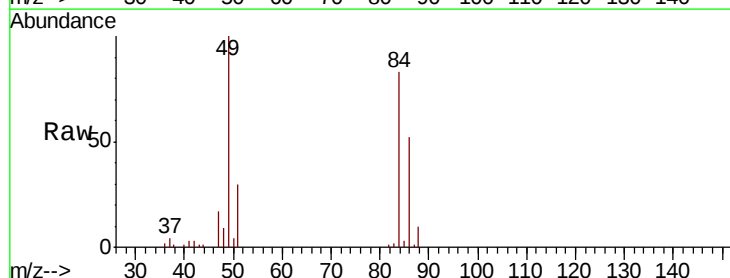
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

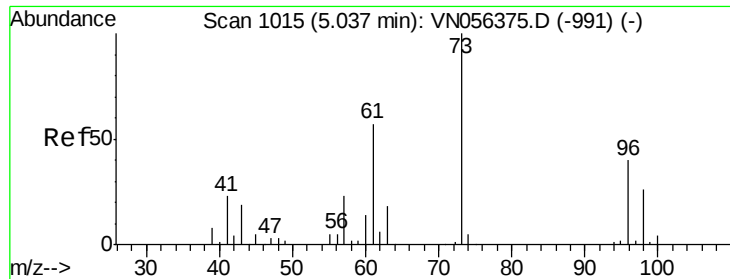
Tot Ion: 73 Resp: 166293
Ion Ratio Lower Upper
73 100
57 23.8 17.9 26.9



#20
Methylene Chloride
Concen: 16.916 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.01 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion: 84 Resp: 58313
Ion Ratio Lower Upper
84 100
49 120.2 96.4 144.6
51 36.1 28.6 43.0
86 62.1 51.4 77.2

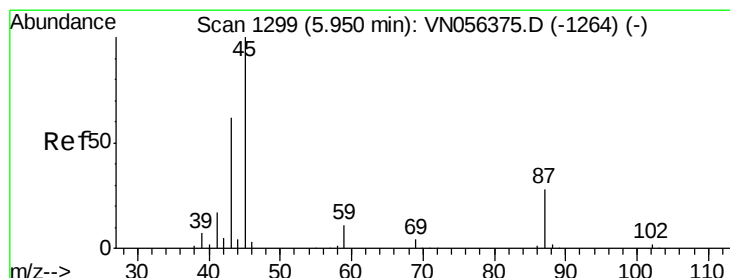
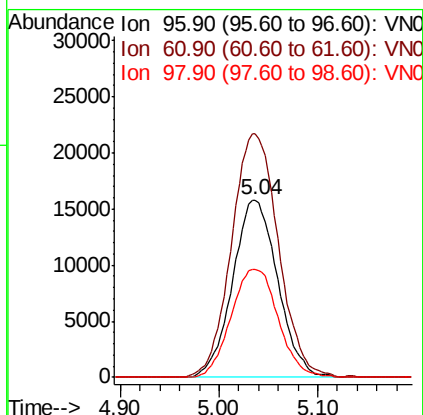
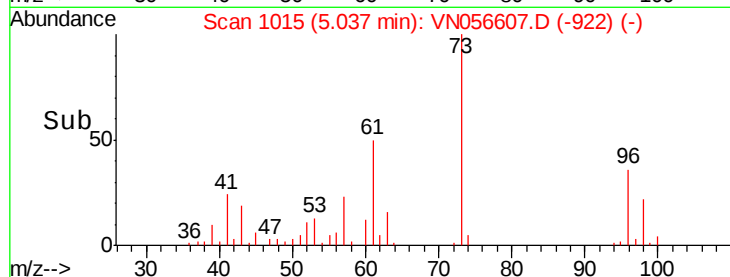
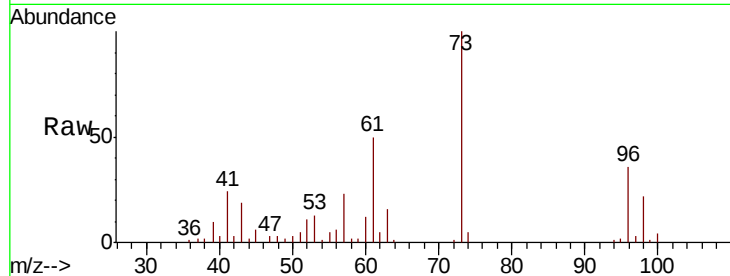




#21
trans-1,2-Dichloroethene
Concen: 16.529 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

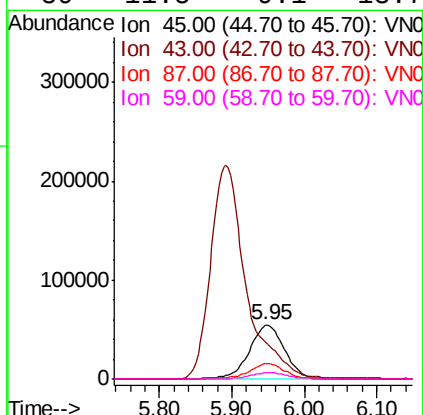
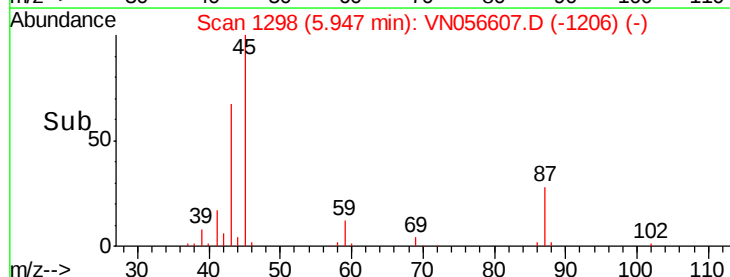
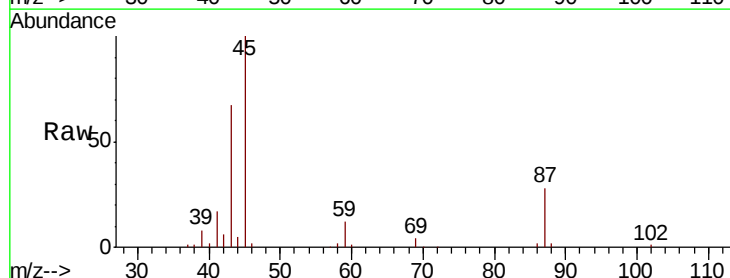
Instrument :
MSVOA_N
ClientSampled :
VN0708WBS01

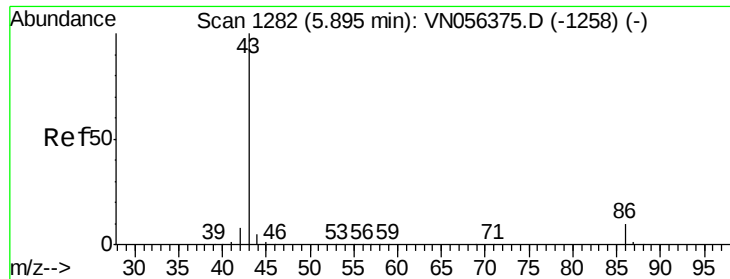
Tot Ion: 96 Resp: 50100
Ion Ratio Lower Upper
96 100
61 137.2 113.0 169.6
98 60.8 52.2 78.2



#22
Diisopropyl ether
Concen: 18.837 ug/l
RT: 5.95 min Scan# 1298
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion: 45 Resp: 185132
Ion Ratio Lower Upper
45 100
43 65.0 50.4 75.6
87 28.2 23.0 34.4
59 11.5 9.1 13.7





#23

Vinyl Acetate

Concen: 94.923 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

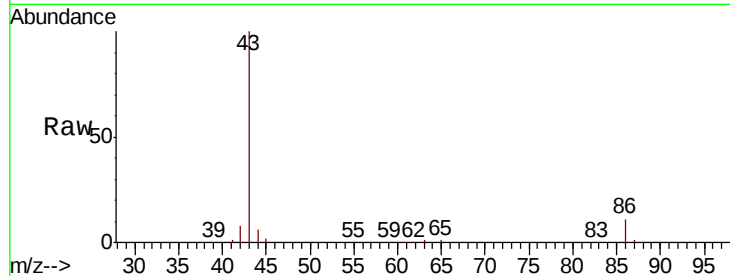
VN0708WBS01

Tot Ion: 43 Resp: 735817

Ion Ratio Lower Upper

43 100

86 10.7 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

250000

200000

150000

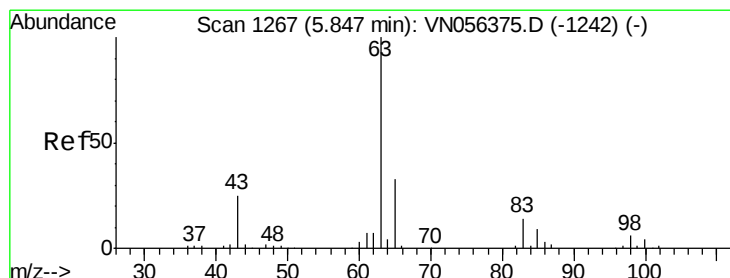
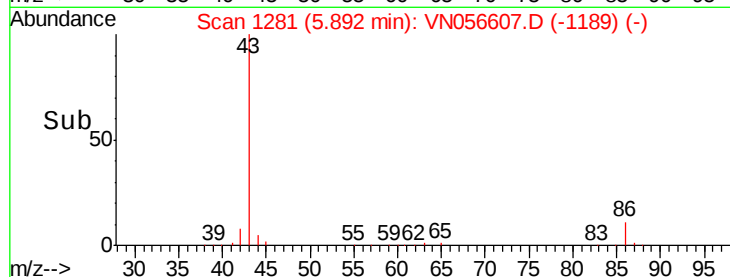
100000

50000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 18.026 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

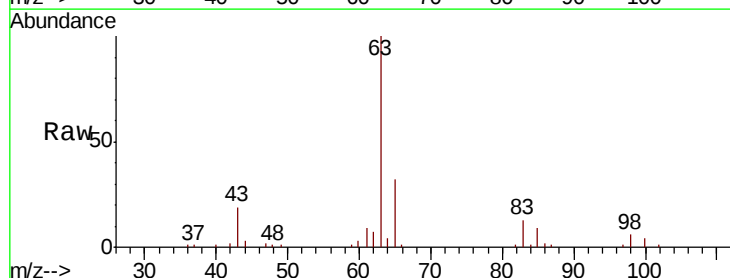
Tgt Ion: 63 Resp: 101694

Ion Ratio Lower Upper

63 100

98 6.3 3.2 9.6

100 4.3 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

40000

30000

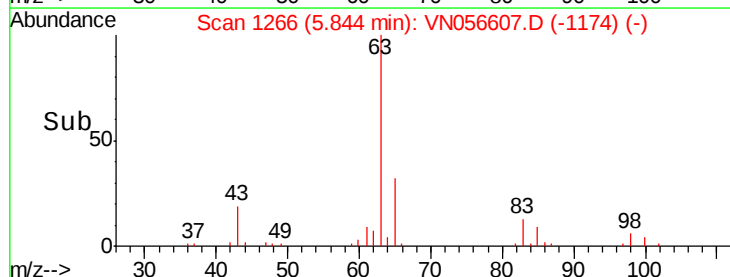
20000

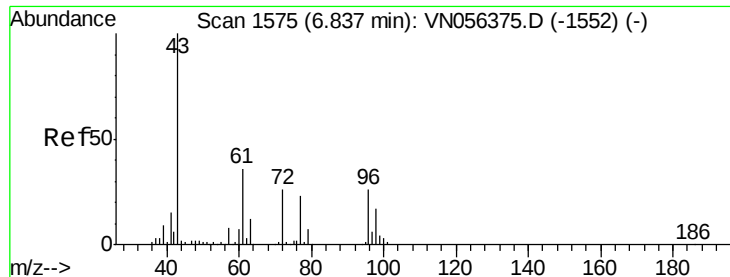
10000

0

5.70 5.80 5.90

Time-->

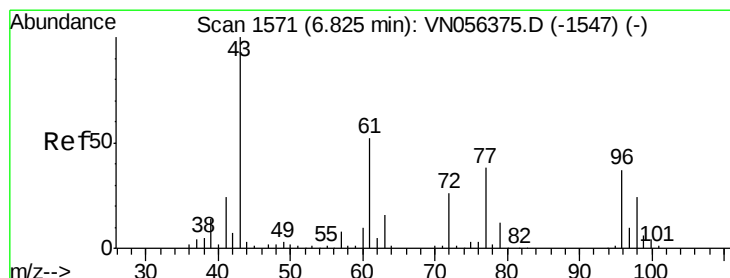
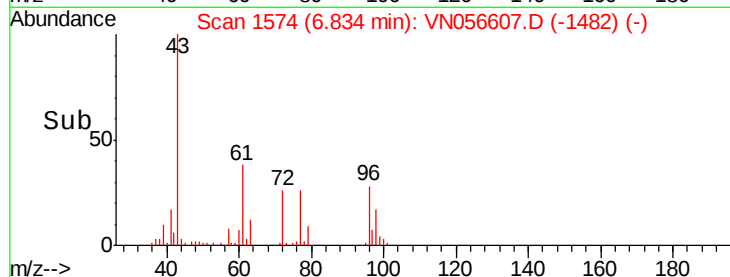
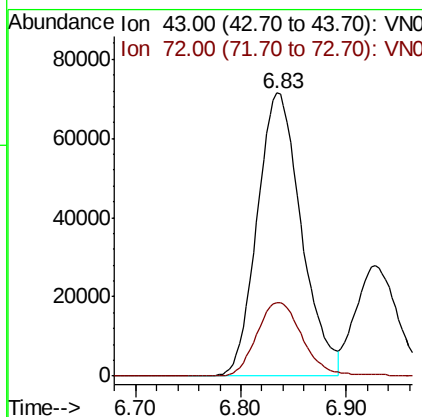
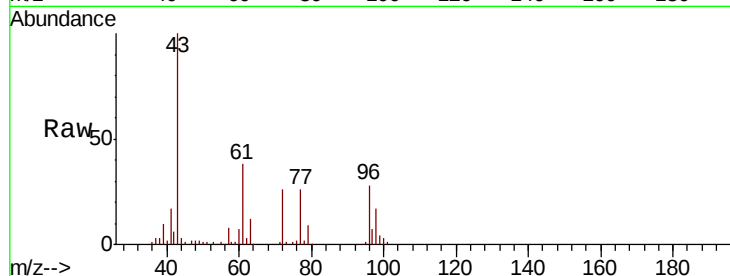




#25
2-Butanone
Concen: 88.994 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

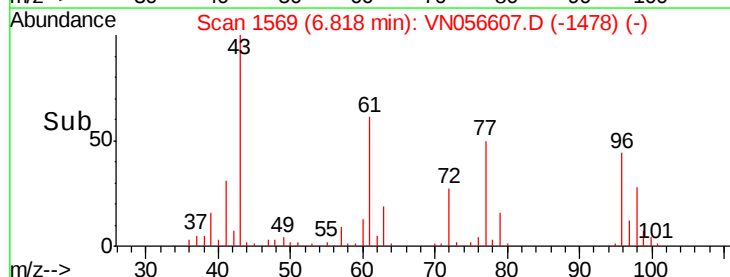
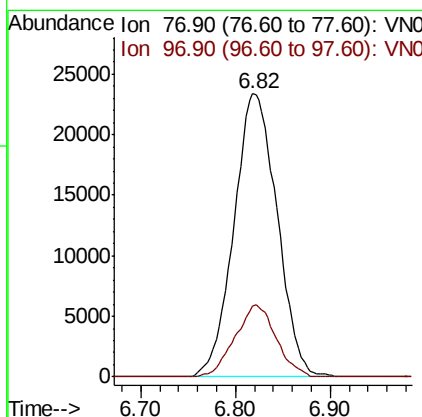
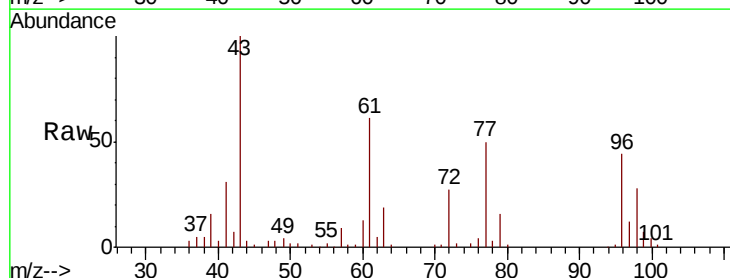
Instrument :
MSVOA_N
ClientSampled :
VN0708WBS01

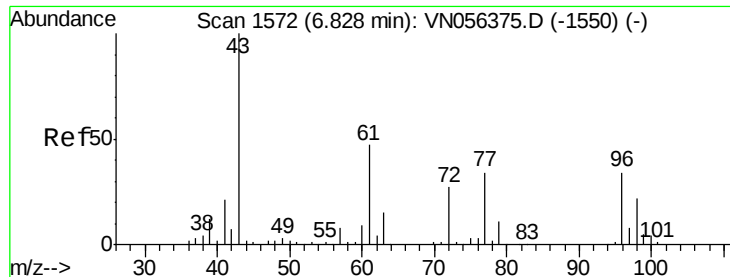
Tot Ion: 43 Resp: 208137
Ion Ratio Lower Upper
43 100
72 26.2 20.6 31.0



#26
2,2-Dichloropropane
Concen: 18.909 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. -0.01 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion: 77 Resp: 74195
Ion Ratio Lower Upper
77 100
97 24.1 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 17.935 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBS01

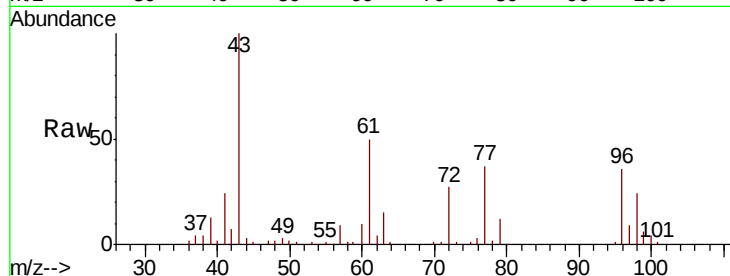
Tot Ion: 96 Resp: 63598

Ion Ratio Lower Upper

96 100

61 139.6 0.0 279.8

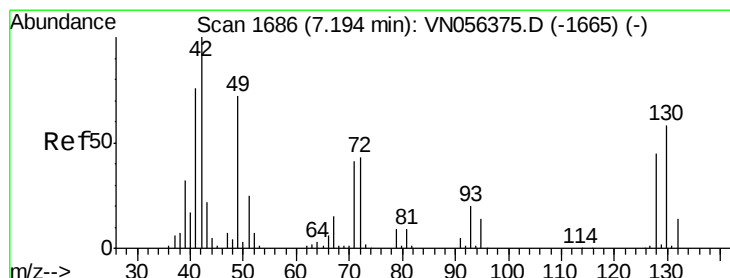
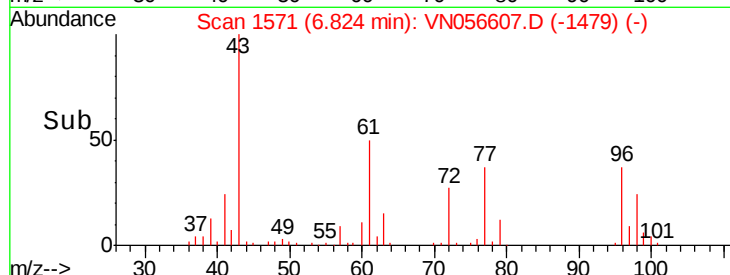
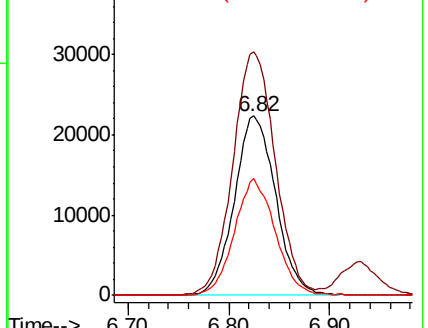
98 64.1 0.0 130.0



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: 18.536 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

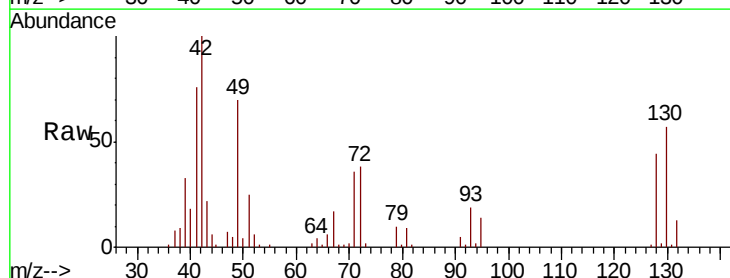
Tgt Ion: 49 Resp: 51725

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.2

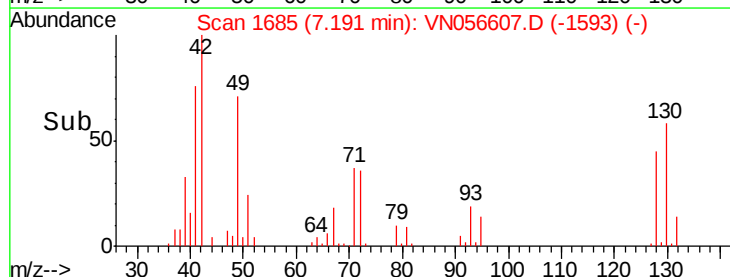
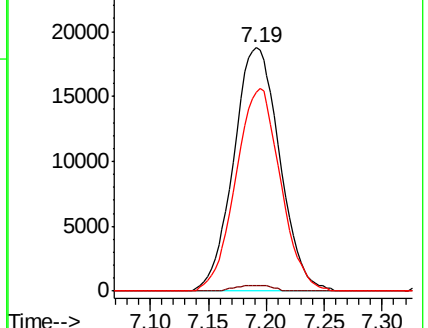
130 81.0 64.9 97.3

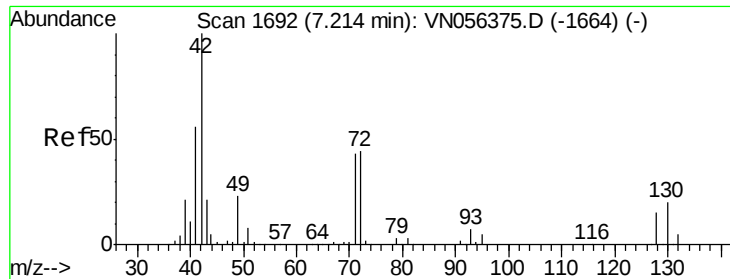


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

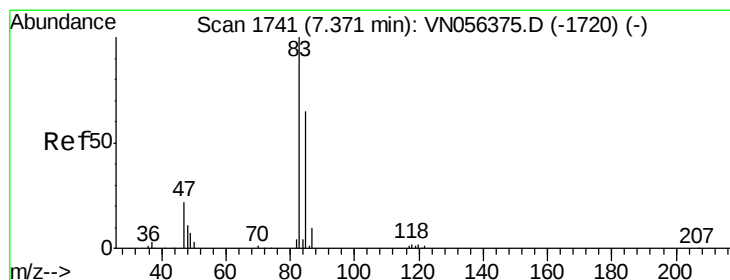
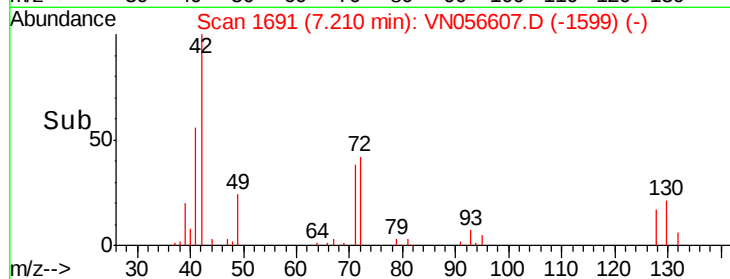
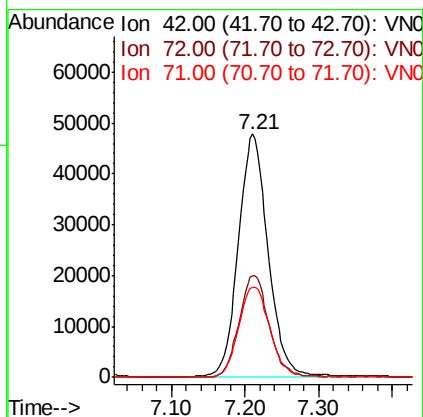
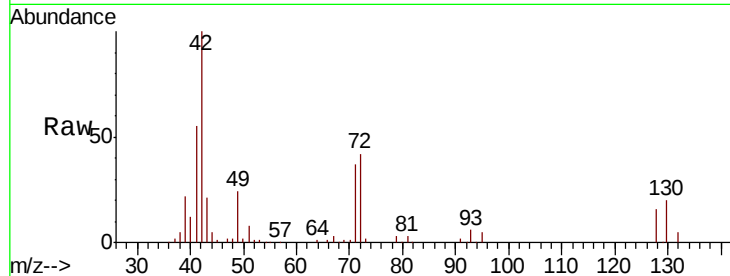




#29
Tetrahydrofuran
Concen: 94.602 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

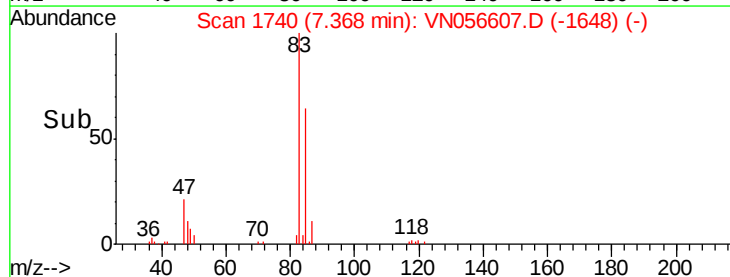
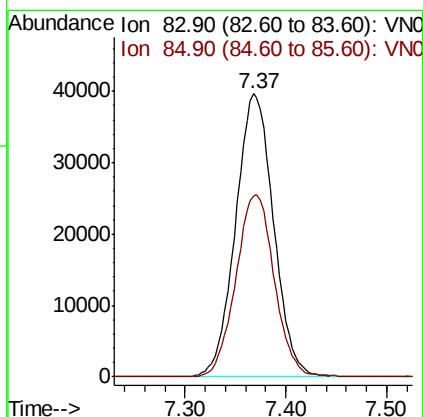
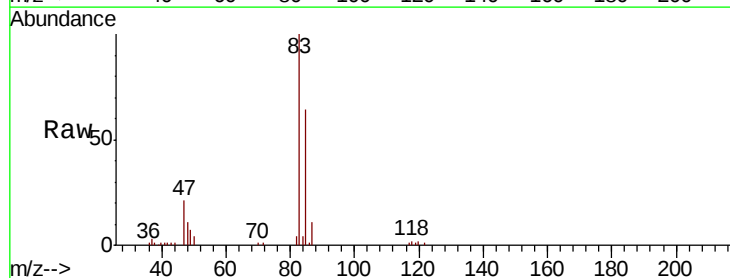
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

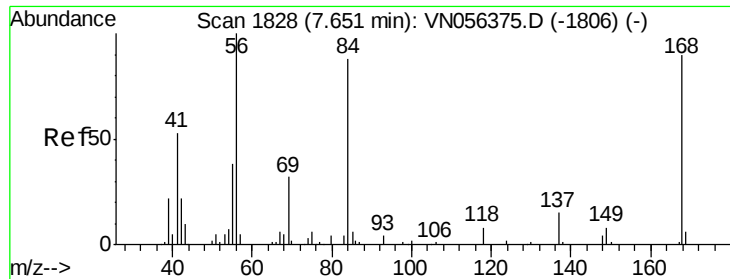
Tot Ion: 42 Resp: 135209
Ion Ratio Lower Upper
42 100
72 41.9 34.7 52.1
71 38.8 33.0 49.6



#30
Chloroform
Concen: 18.588 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion: 83 Resp: 103479
Ion Ratio Lower Upper
83 100
85 63.9 52.3 78.5

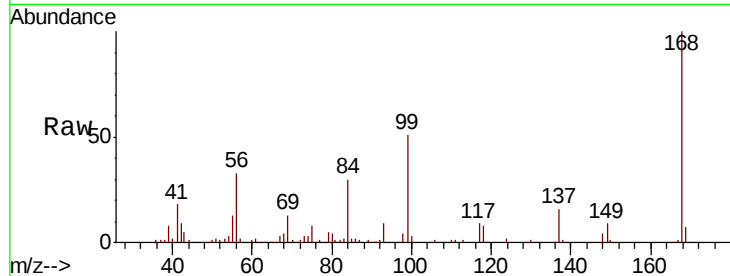




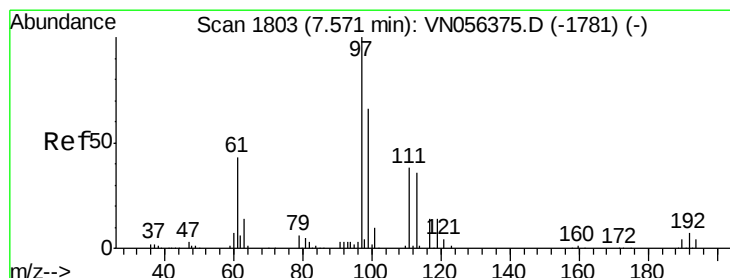
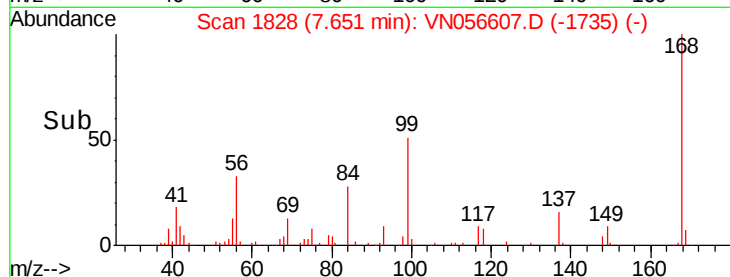
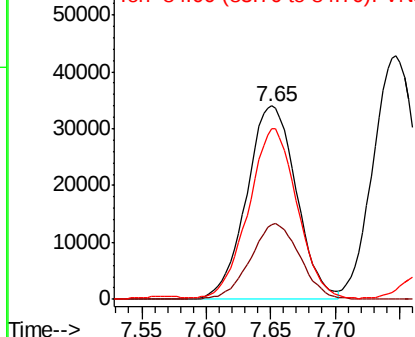
#31
Cyclohexane
Concen: 16.812 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Instrument :
MSVOA_N
ClientSampled :
VN0708WBS01

Tot Ion: 56 Resp: 91565
Ion Ratio Lower Upper
56 100
69 38.9 25.8 38.6#
84 87.7 69.4 104.0

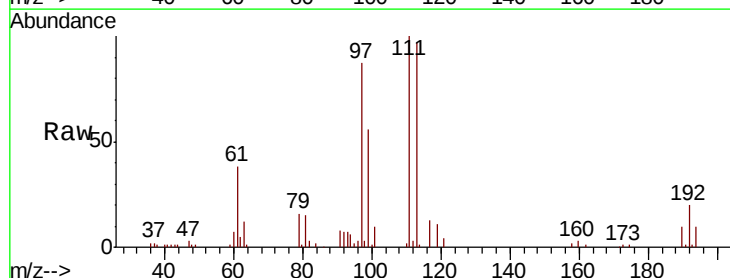


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

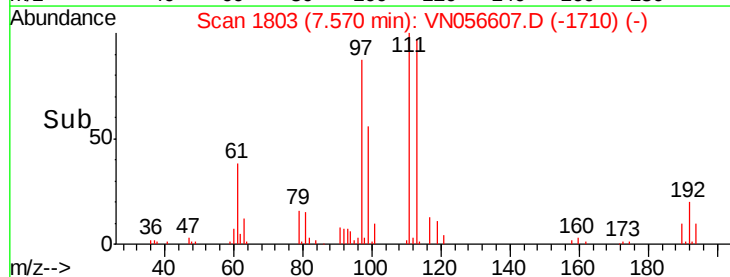
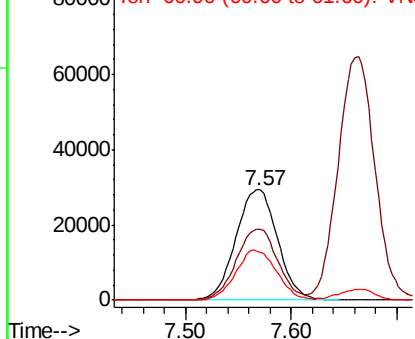


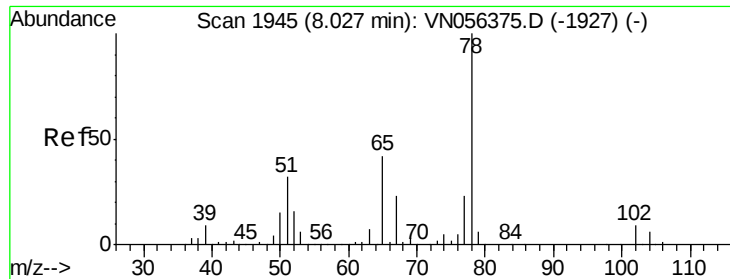
#32
1,1,1-Trichloroethane
Concen: 18.261 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion: 97 Resp: 80577
Ion Ratio Lower Upper
97 100
99 64.6 51.8 77.6
61 44.6 33.9 50.9



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





#33

1,2-Dichloroethane-d4

Concen: 45.438 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

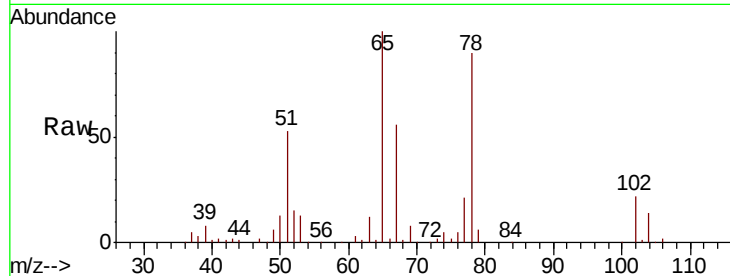
VN0708WBS01

Tot Ion: 65 Resp: 160261

Ion Ratio Lower Upper

65 100

67 55.4 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.02

60000

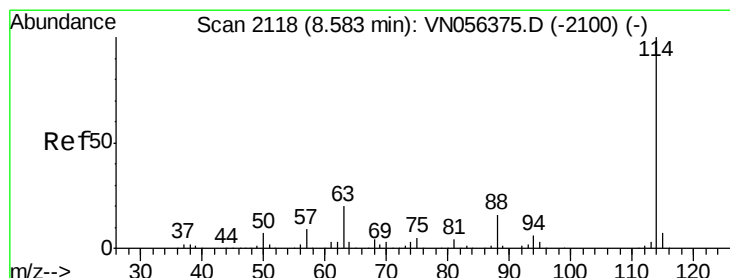
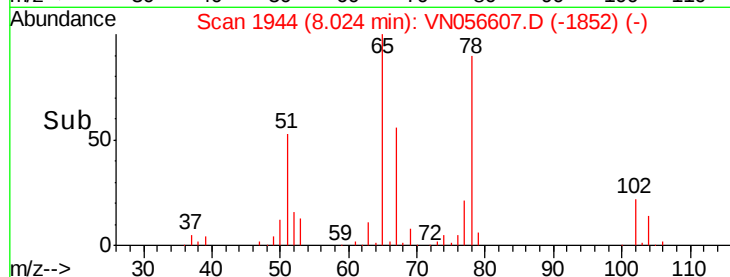
40000

20000

0

7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

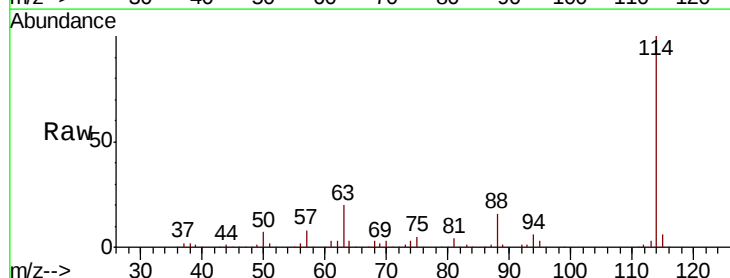
Tgt Ion: 114 Resp: 477353

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.2

88 15.7 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

300000

250000

200000

150000

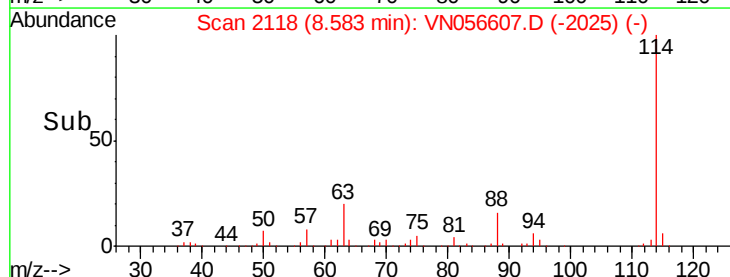
100000

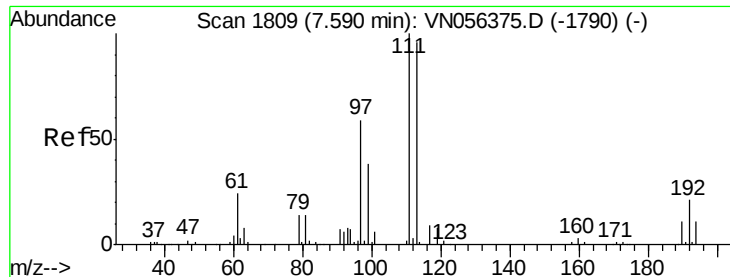
50000

0

8.50 8.60 8.70

Time-->

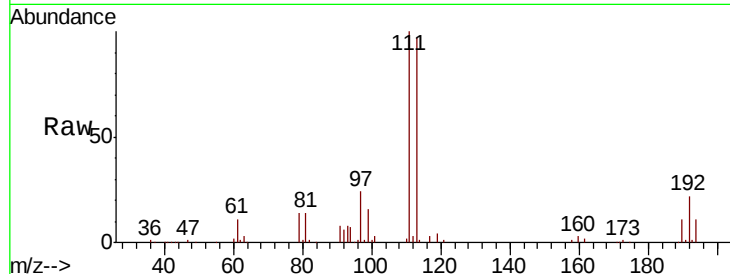




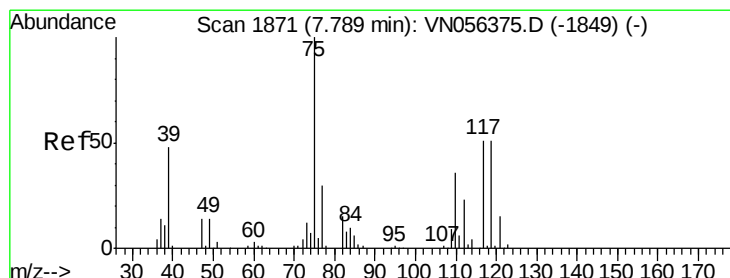
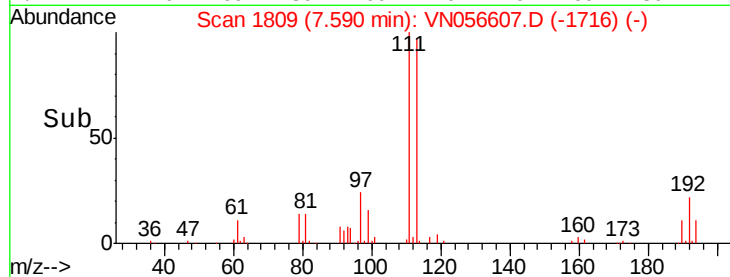
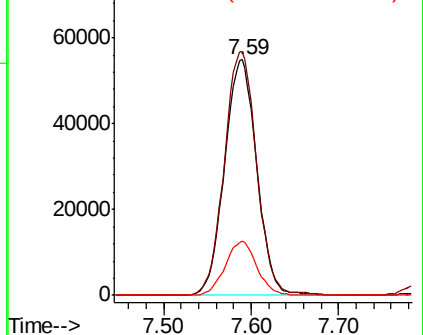
#35
 Dibromofluoromethane
 Concen: 47.183 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN056607.D
 Acq: 8 Jul 2019 14:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	22.4	17.7	26.5

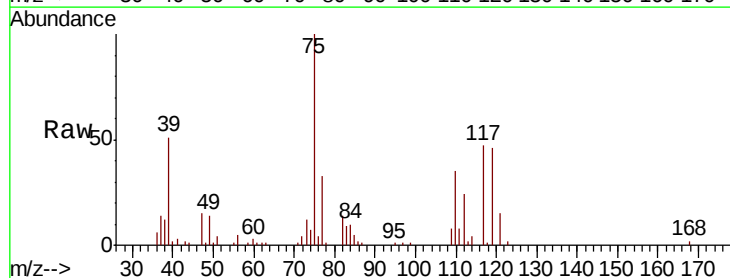


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

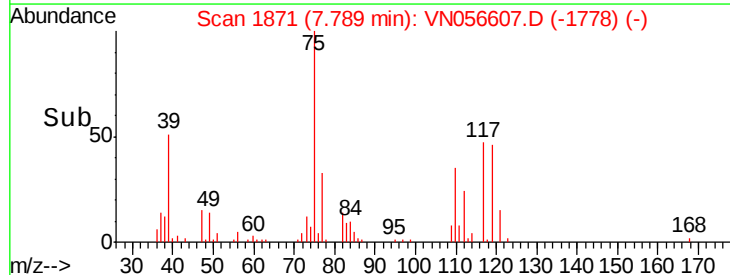
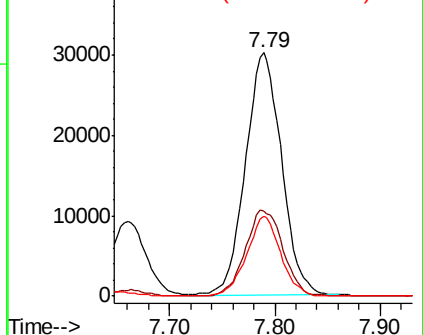


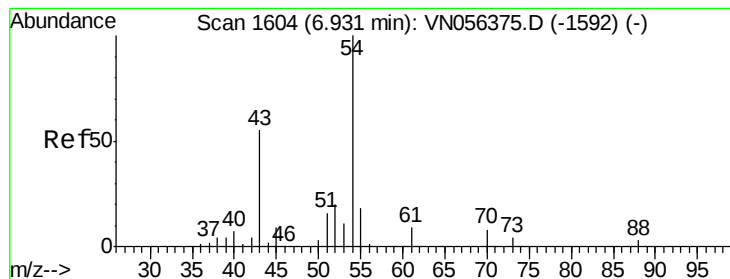
#36
 1,1-Dichloropropene
 Concen: 17.104 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN056607.D
 Acq: 8 Jul 2019 14:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.1	54.3
77	31.0	24.6	36.8



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 19.306 ug/l

RT: 6.93 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

ClientSampleID :

VN0708WBS01

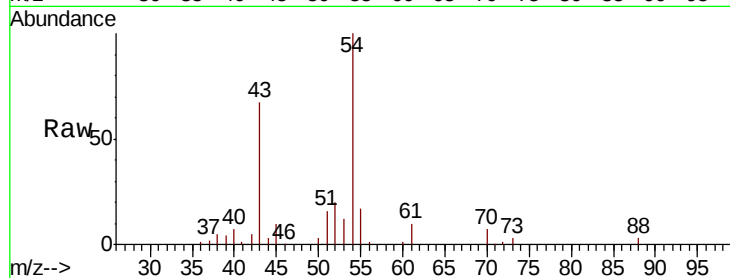
Tot Ion: 43 Resp: 79715

Ion Ratio Lower Upper

43 100

61 14.1 11.1 16.7

70 10.6 8.3 12.5

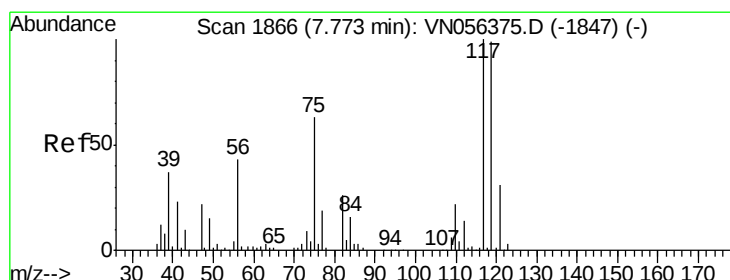
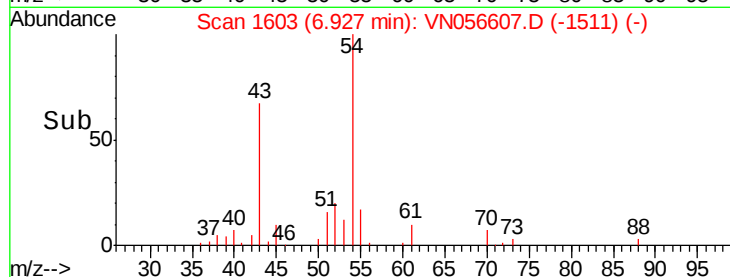
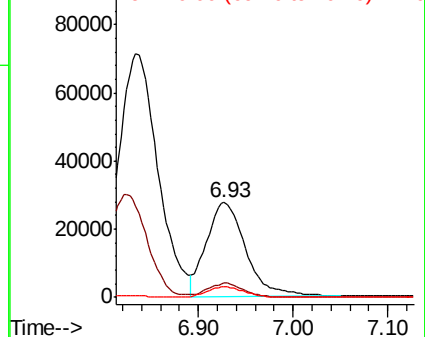


Abundance

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: 18.626 ug/l

RT: 7.77 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

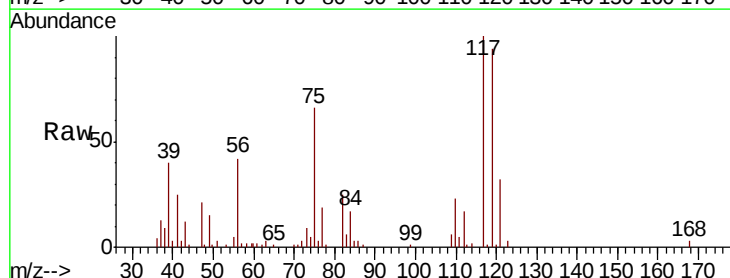
Tgt Ion: 117 Resp: 68437

Ion Ratio Lower Upper

117 100

119 93.9 79.1 118.7

121 32.0 24.8 37.2

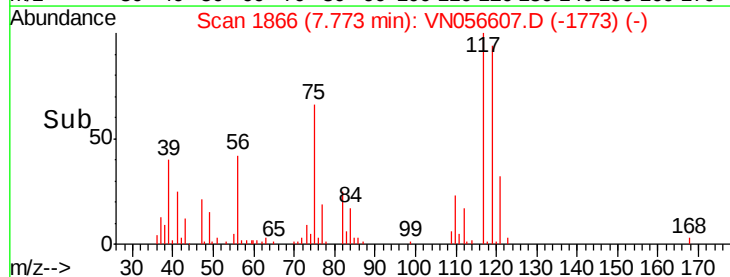
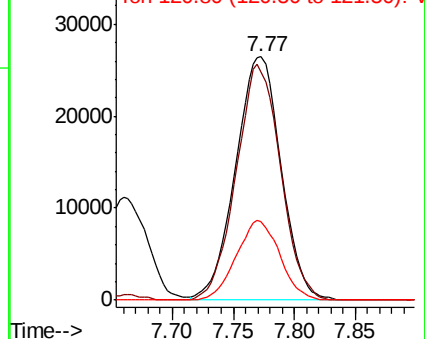


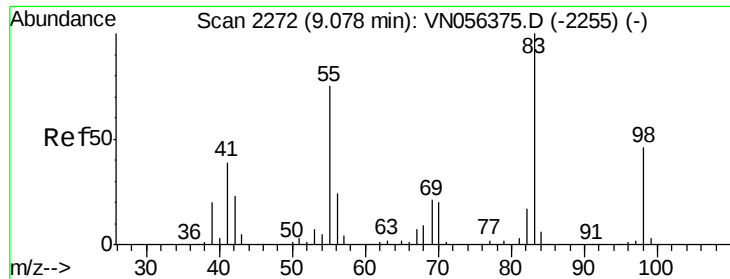
Abundance

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

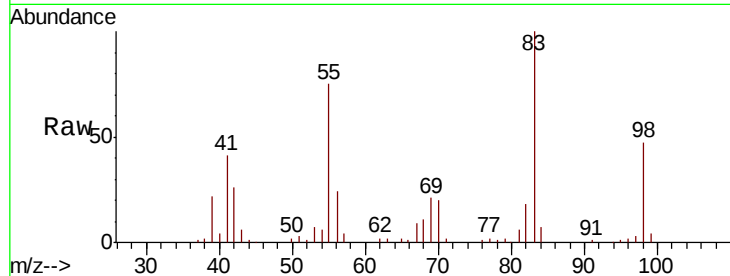




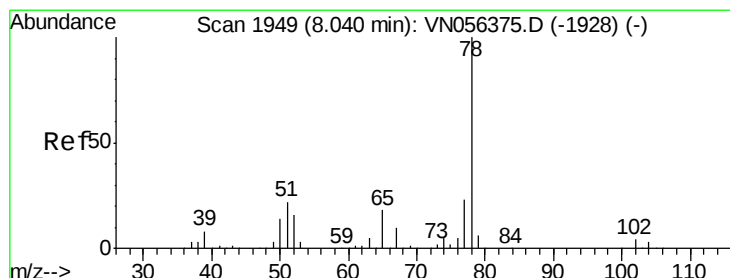
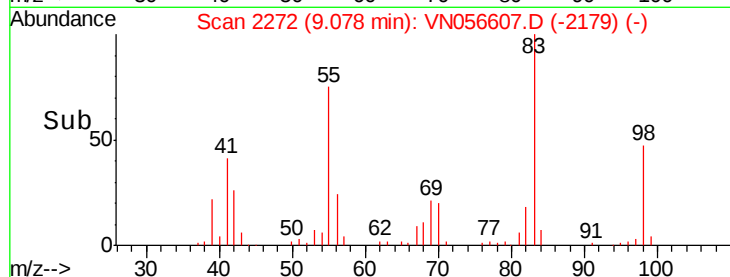
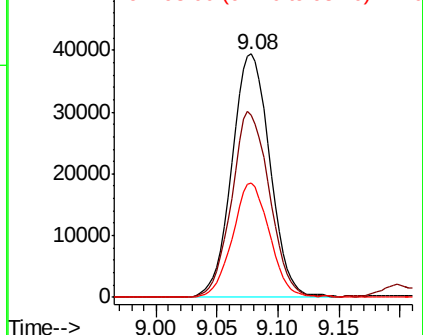
#39
Methvlcvclohexane
Concen: 16.428 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Instrument :
MSVOA_N
ClientSampled :
VN0708WBS01

Tot Ion: 83 Resp: 85170
Ion Ratio Lower Upper
83 100
55 74.9 60.0 90.0
98 47.0 36.6 54.8

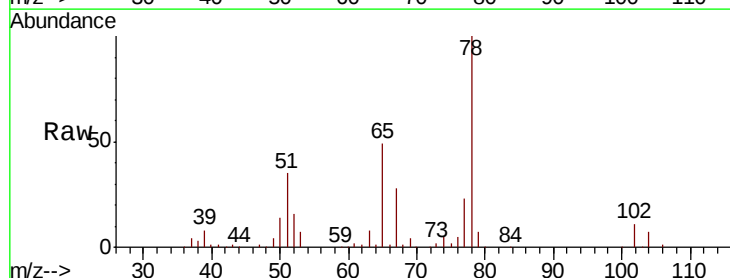


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

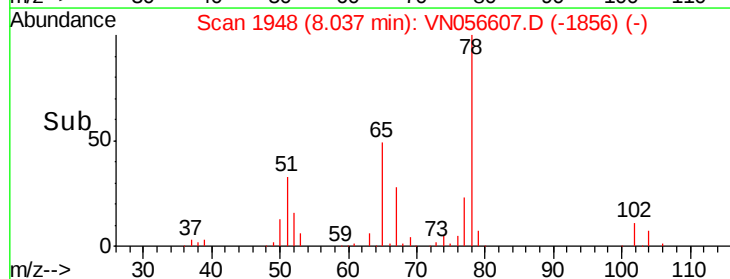
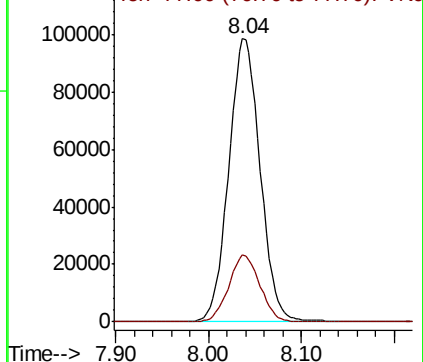


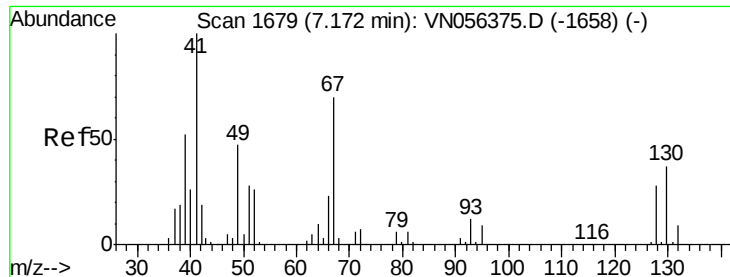
#40
Benzene
Concen: 17.875 ug/l
RT: 8.04 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion: 78 Resp: 231013
Ion Ratio Lower Upper
78 100
77 23.5 18.3 27.5



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

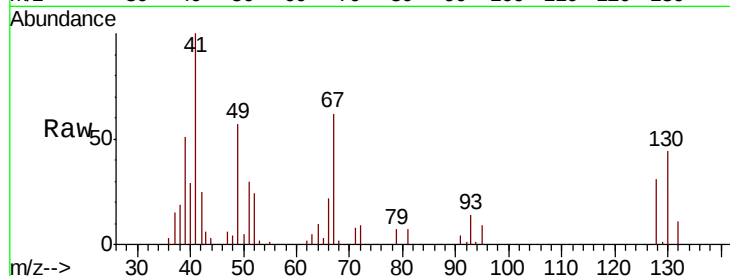




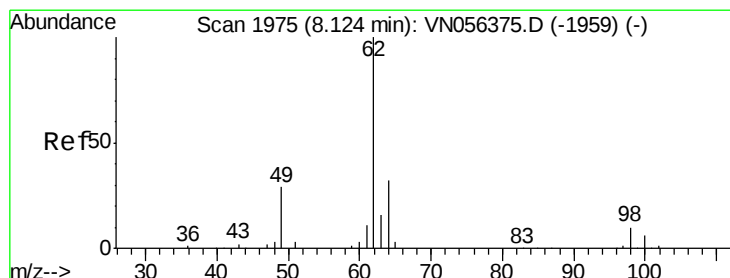
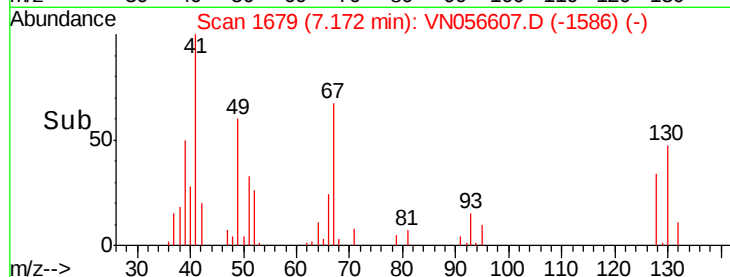
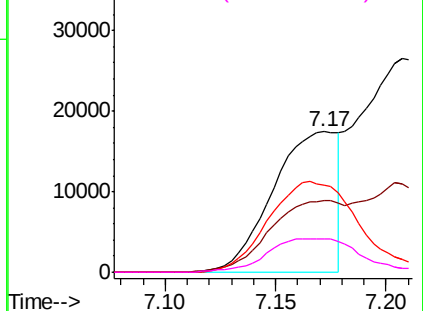
#41
Methacrylonitrile
Concen: 19.584 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Instrument :
MSVOA_N
ClientSampled :
VN0708WBS01

Tot Ion:	41	Resp:	35707
Ion	Ratio	Lower	Upper
41	100		
39	57.2	55.3	82.9
67	90.8	79.2	118.8
52	34.8	31.4	47.0

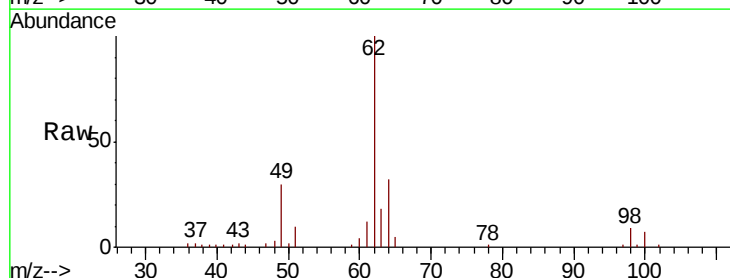


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

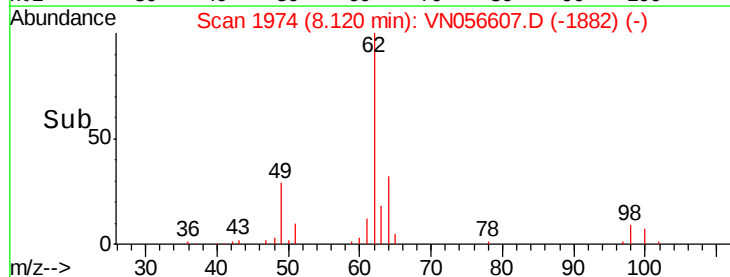
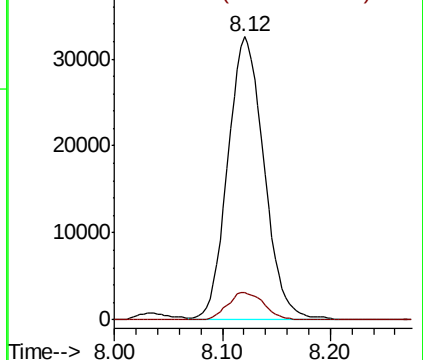


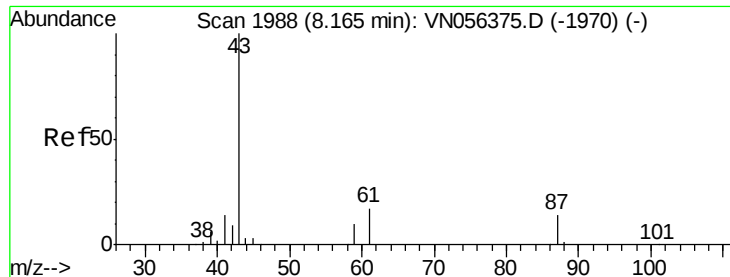
#42
1,2-Dichloroethane
Concen: 17.906 ug/l
RT: 8.12 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion:	62	Resp:	76371
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.4



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





#43

Isopropyl Acetate

Concen: 19.416 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBS01

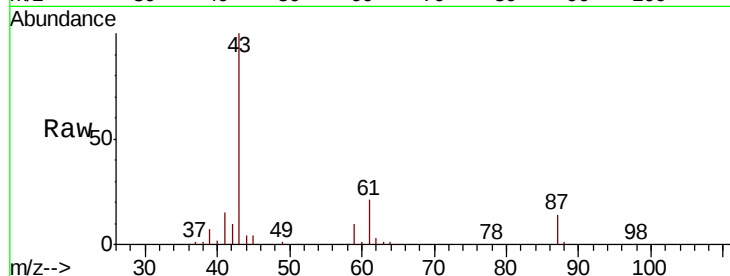
Tot Ion: 43 Resp: 123620

Ion Ratio Lower Upper

43 100

61 27.6 22.0 33.0

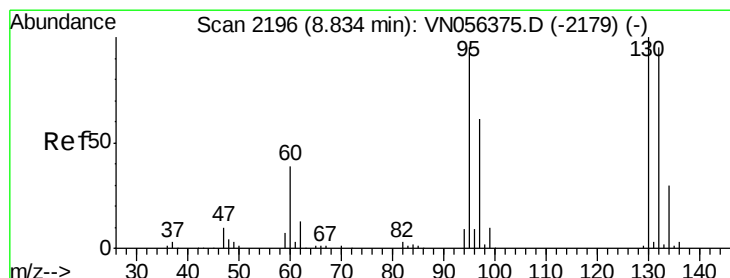
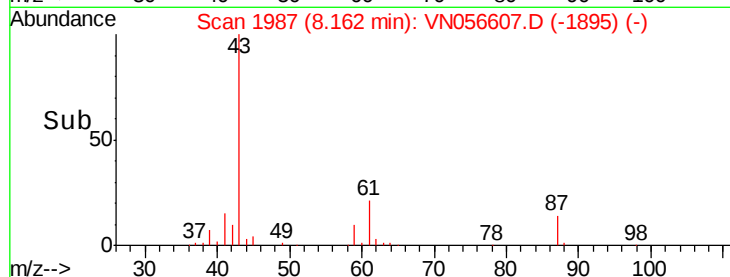
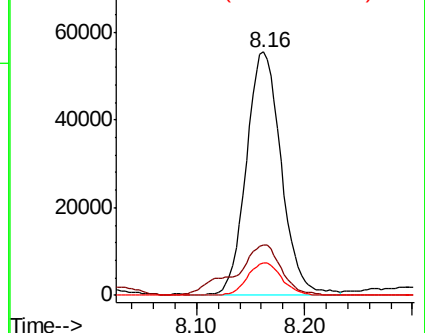
87 13.3 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056607.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056607.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056607.D (-1970) (-)



#44

Trichloroethene

Concen: 17.470 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN056607.D

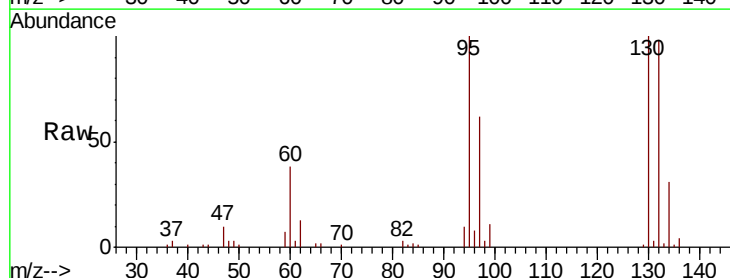
Acq: 8 Jul 2019 14:21

Tgt Ion: 130 Resp: 60821

Ion Ratio Lower Upper

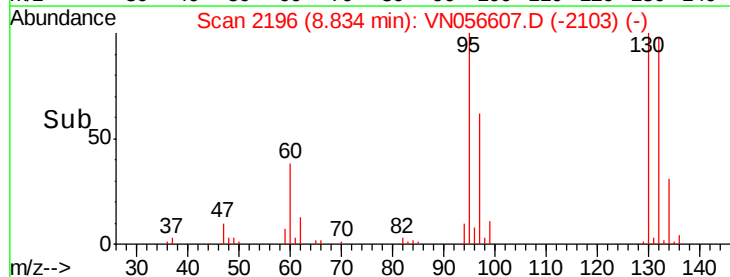
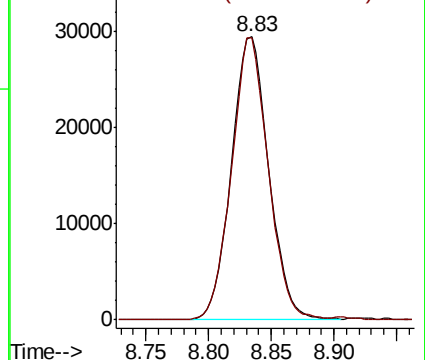
130 100

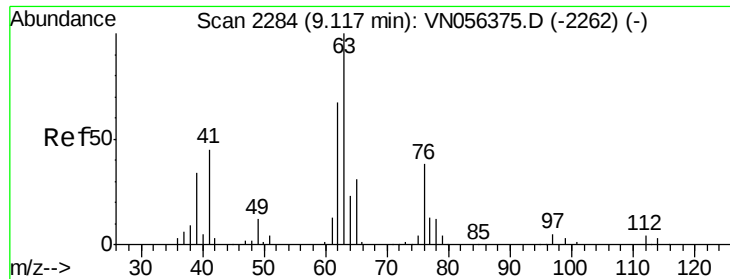
95 99.7 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): VN056607.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN056607.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 18.143 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

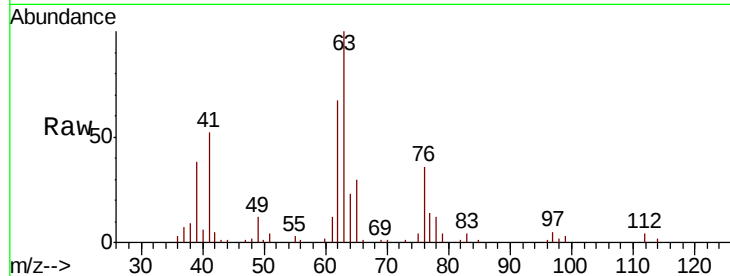
VN0708WBS01

Tot Ion: 63 Resp: 62710

Ion Ratio Lower Upper

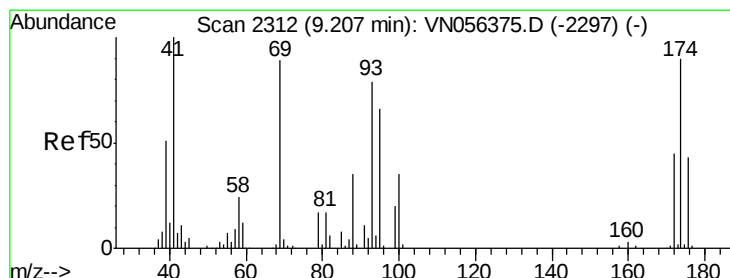
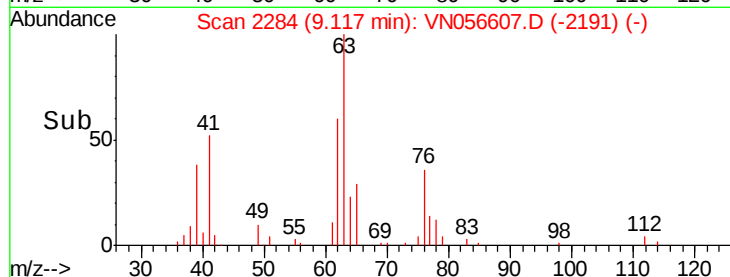
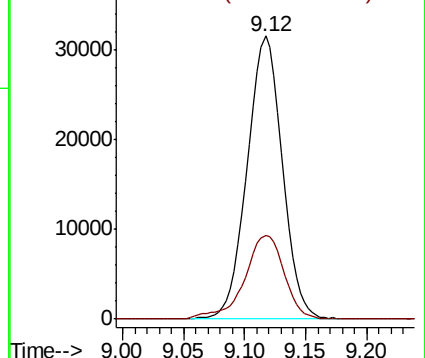
63 100

65 29.5 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 18.242 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

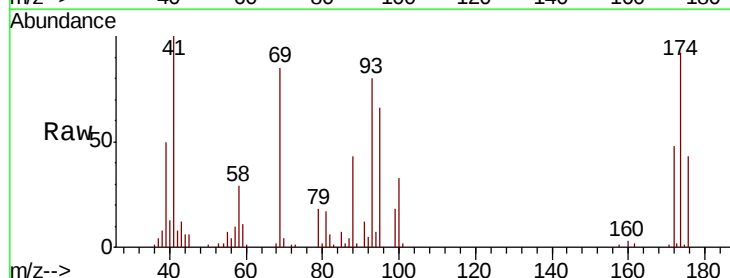
Tgt Ion: 93 Resp: 39447

Ion Ratio Lower Upper

93 100

95 82.0 66.2 99.2

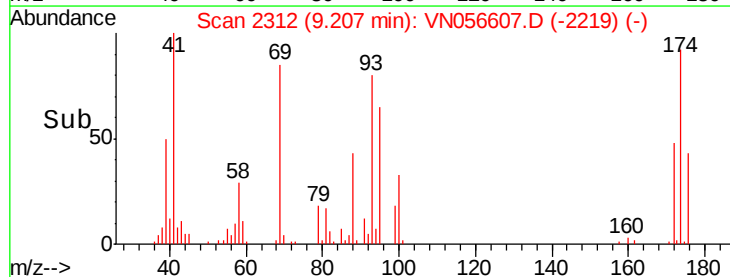
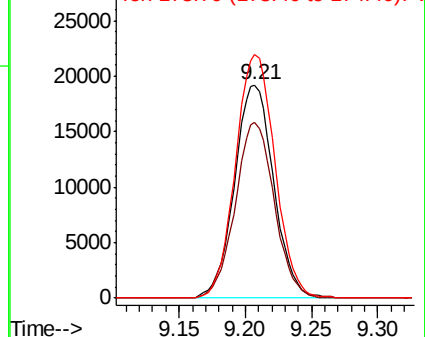
174 115.1 90.8 136.2

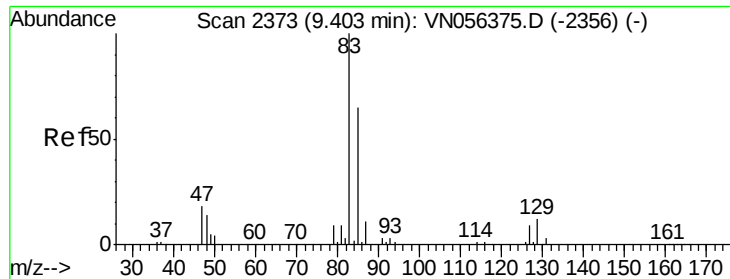


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.879 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBS01

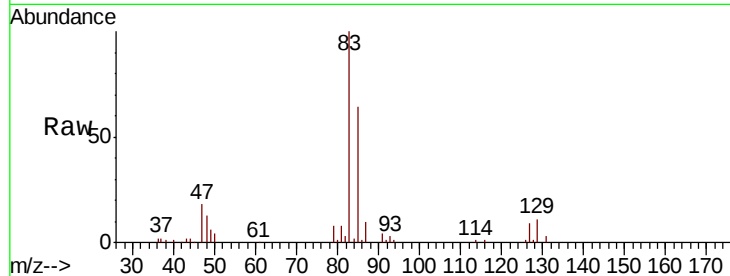
Tot Ion: 83 Resp: 76238

Ion Ratio Lower Upper

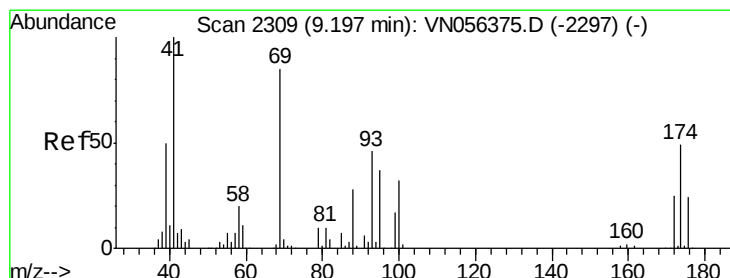
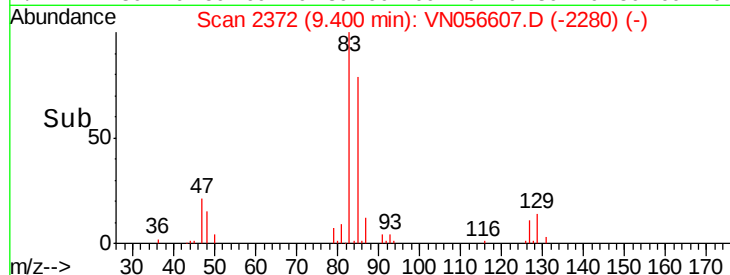
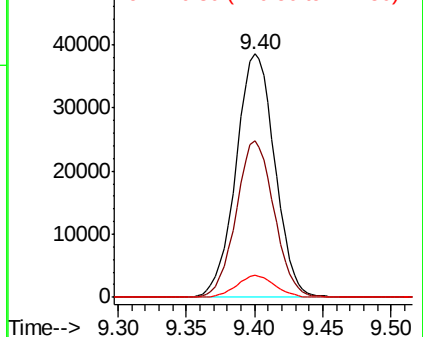
83 100

85 64.1 52.2 78.4

127 9.1 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 19.104 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

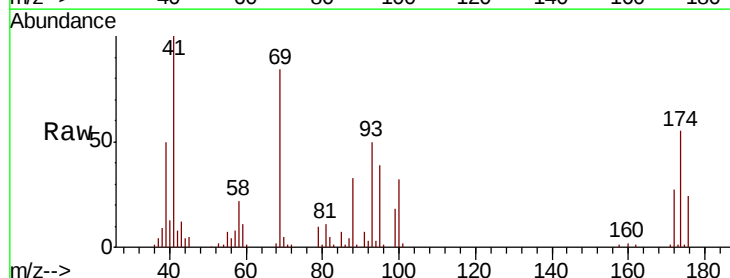
Tgt Ion: 41 Resp: 60953

Ion Ratio Lower Upper

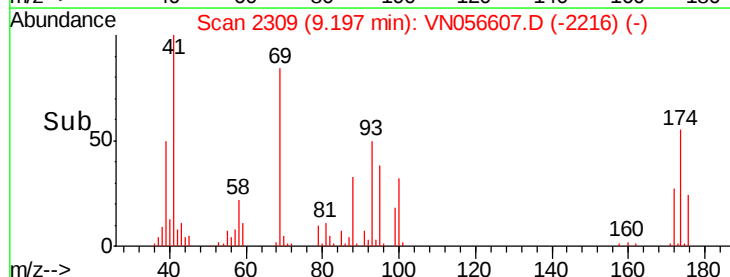
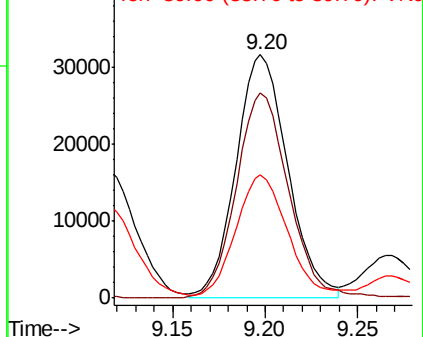
41 100

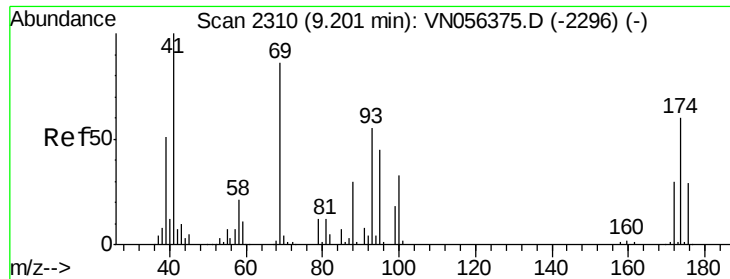
69 86.1 72.6 109.0

39 51.3 42.6 63.8



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

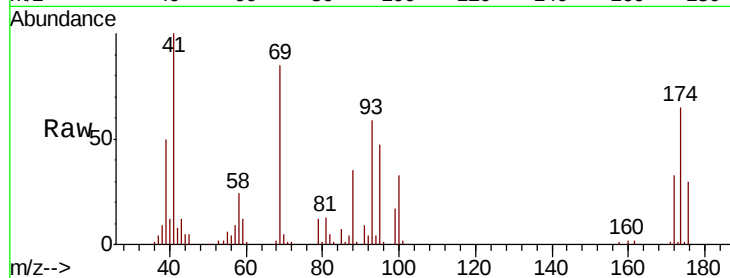




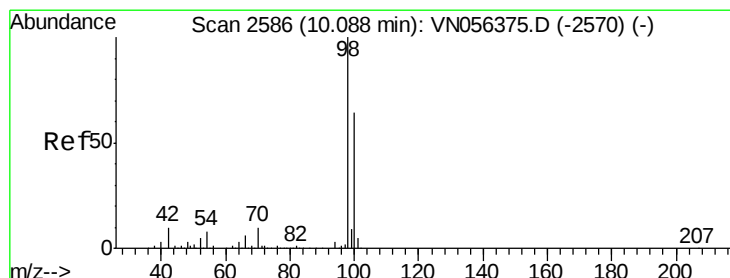
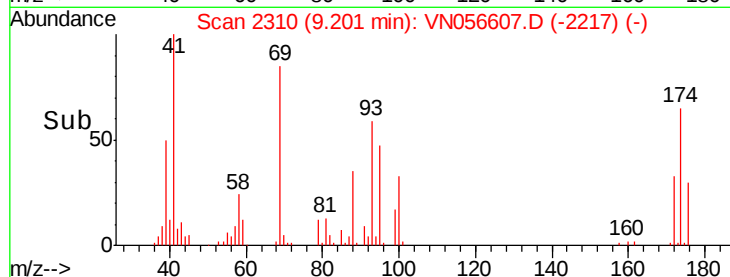
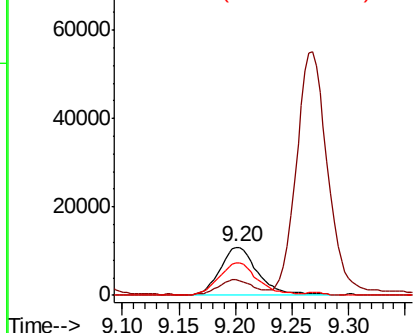
#49
 1,4-Dioxane
 Concen: 383.272 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN056607.D
 Acq: 8 Jul 2019 14:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS01

Tot Ion: 88 Resp: 25377
 Ion Ratio Lower Upper
 88 100
 43 31.1 22.0 33.0
 58 68.8 51.8 77.8

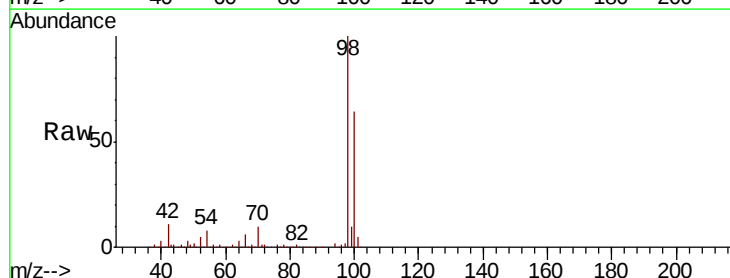


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

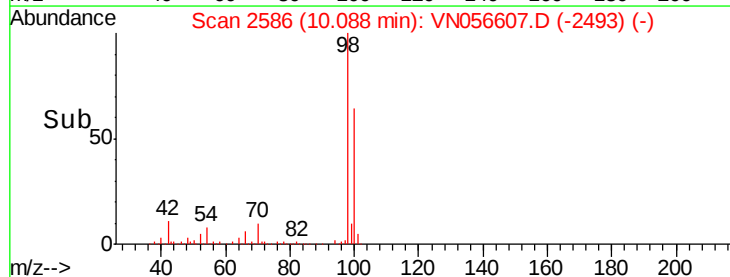
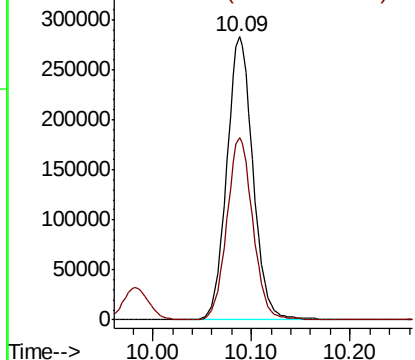


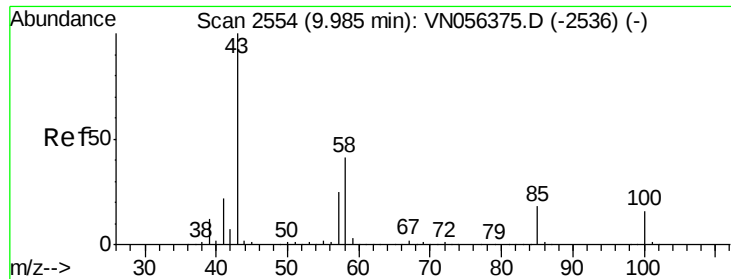
#50
 Toluene-d8
 Concen: 45.265 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: VN056607.D
 Acq: 8 Jul 2019 14:21

Tgt Ion: 98 Resp: 524497
 Ion Ratio Lower Upper
 98 100
 100 63.9 52.2 78.2



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





#51

4-Methyl-2-Pentanone

Concen: 98.307 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

ClientSampled :

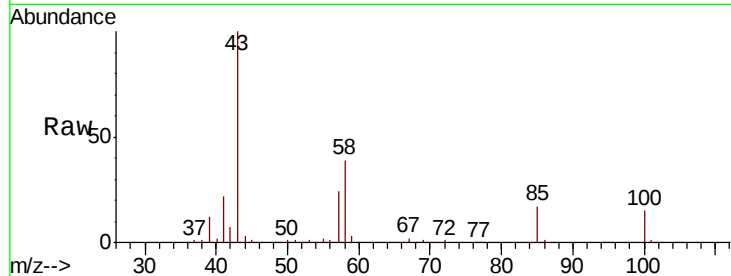
VN0708WBS01

Tot Ion: 43 Resp: 403986

Ion Ratio Lower Upper

43 100

58 39.4 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.98

250000

200000

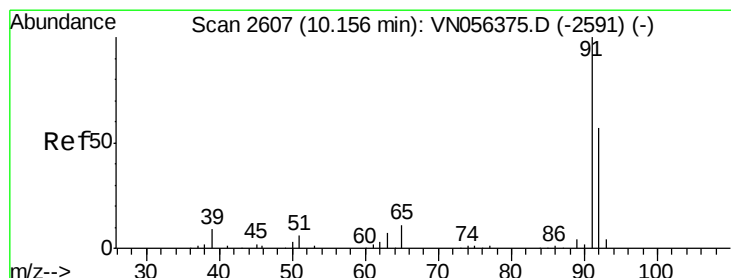
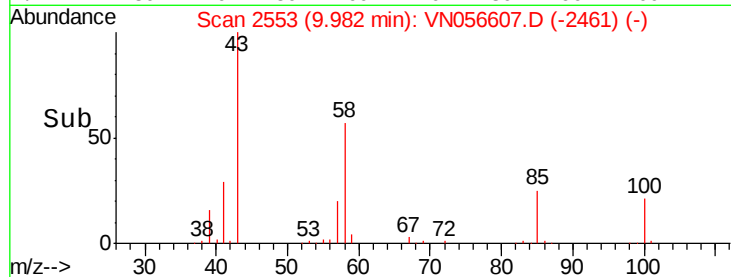
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 17.755 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN056607.D

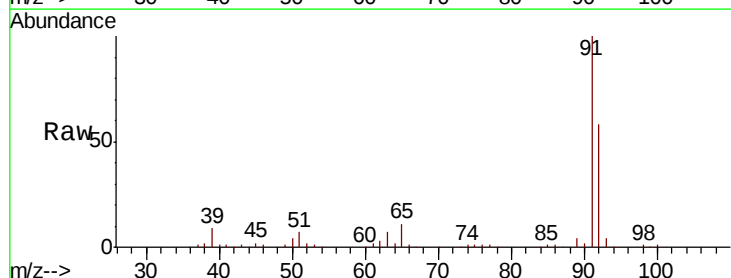
Acq: 8 Jul 2019 14:21

Tgt Ion: 92 Resp: 140293

Ion Ratio Lower Upper

92 100

91 173.6 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

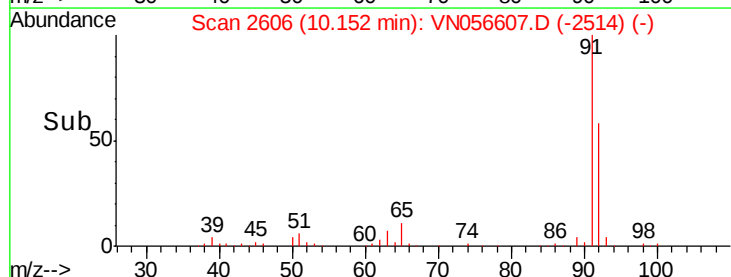
150000

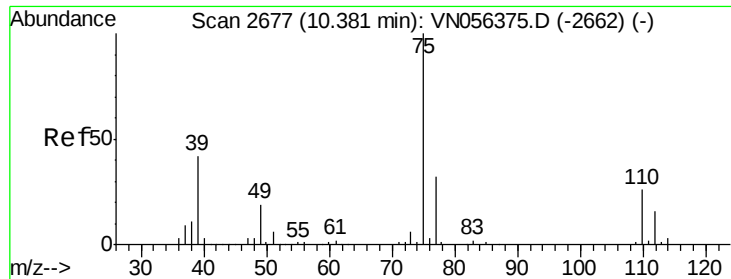
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.066 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

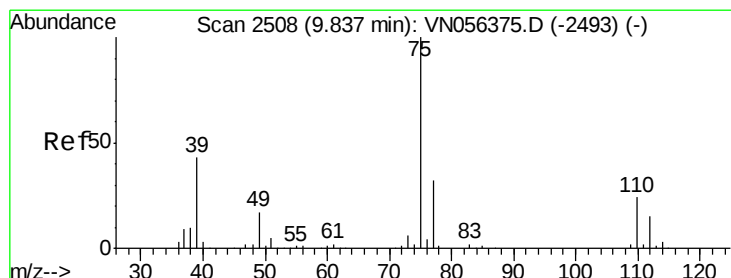
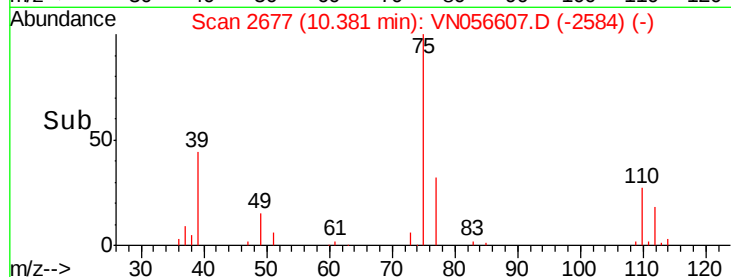
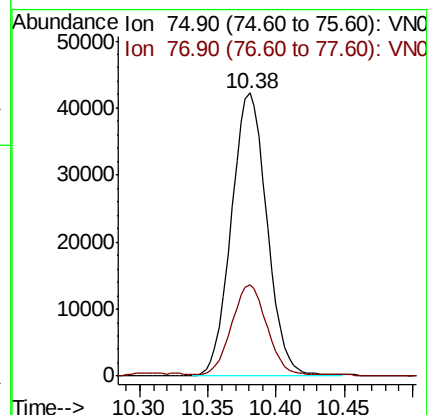
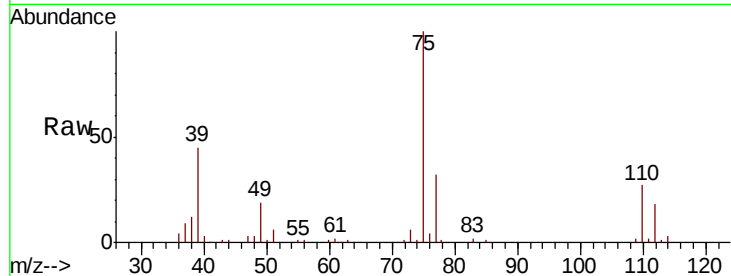
VN0708WBS01

Tot Ion: 75 Resp: 76684

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 19.137 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

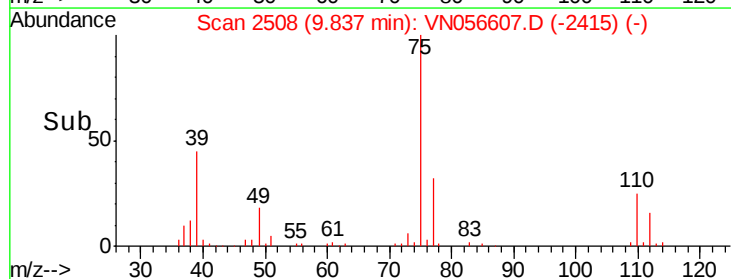
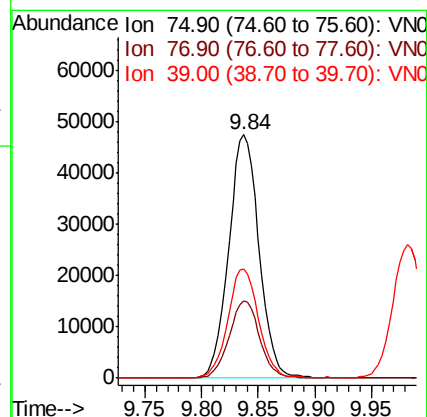
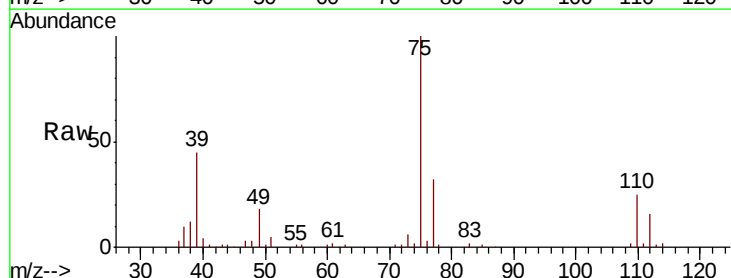
Tgt Ion: 75 Resp: 88386

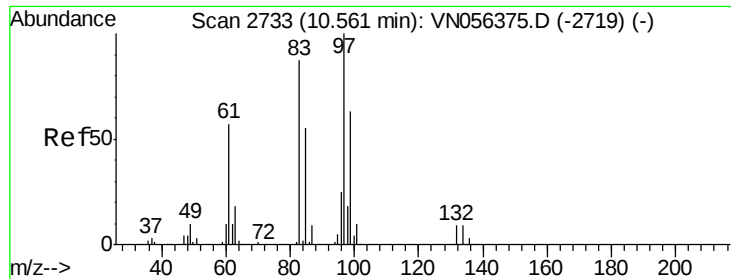
Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8

39 45.0 34.2 51.4

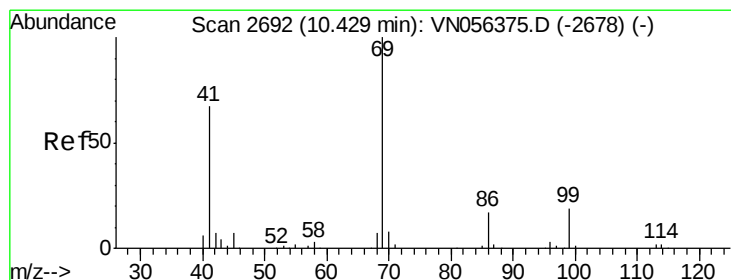
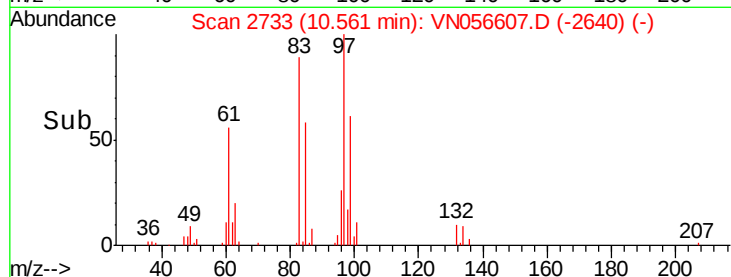
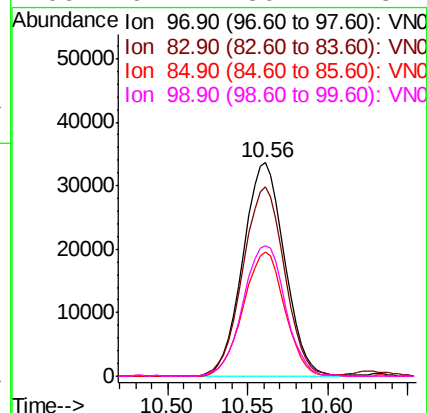
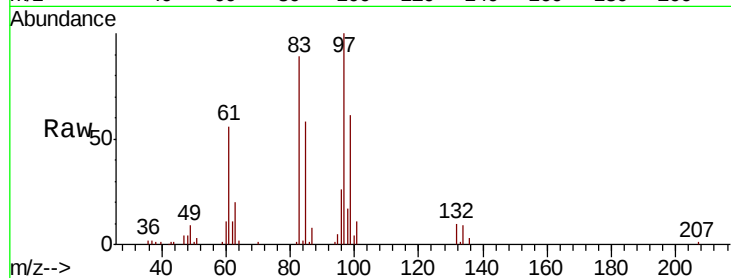




#55
 1,1,2-Trichloroethane
 Concen: 18.838 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN056607.D
 Acq: 8 Jul 2019 14:21

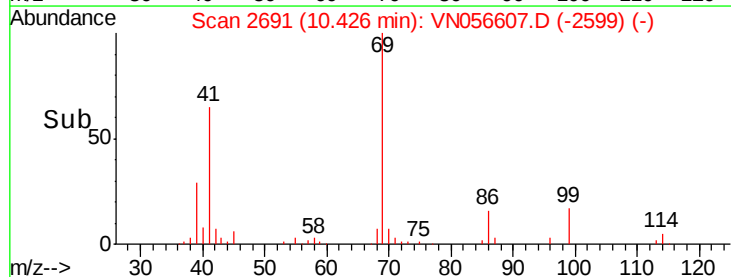
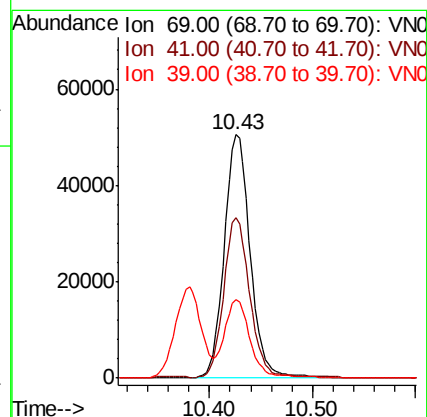
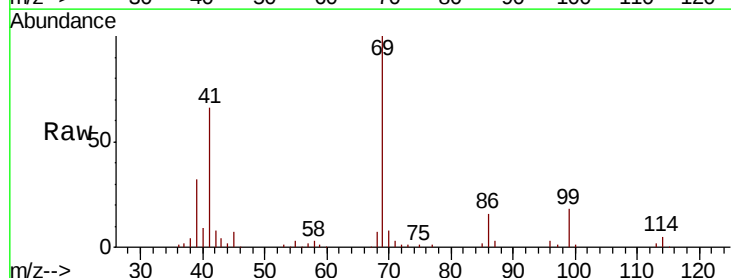
Instrument :
 MSVOA_N
 ClientSampled :
 VN0708WBS01

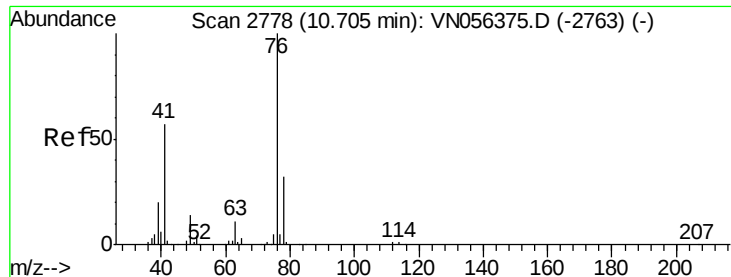
Tot Ion: 97 Resp: 59832
 Ion Ratio Lower Upper
 97 100
 83 88.5 69.8 104.6
 85 58.4 43.8 65.8
 99 61.1 50.2 75.2



#56
 Ethyl methacrylate
 Concen: 19.066 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. -0.00 min
 Lab File: VN056607.D
 Acq: 8 Jul 2019 14:21

Tgt Ion: 69 Resp: 88498
 Ion Ratio Lower Upper
 69 100
 41 65.4 51.4 77.2
 39 31.3 24.7 37.1





#57

1,3-Dichloropropane

Concen: 18.726 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

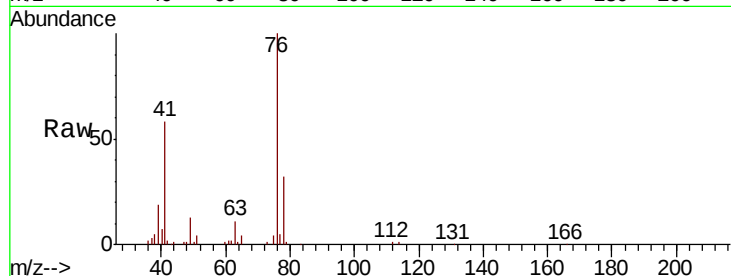
VN0708WBS01

Tot Ion: 76 Resp: 99913

Ion Ratio Lower Upper

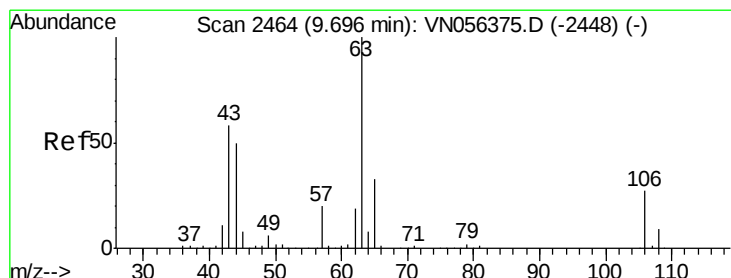
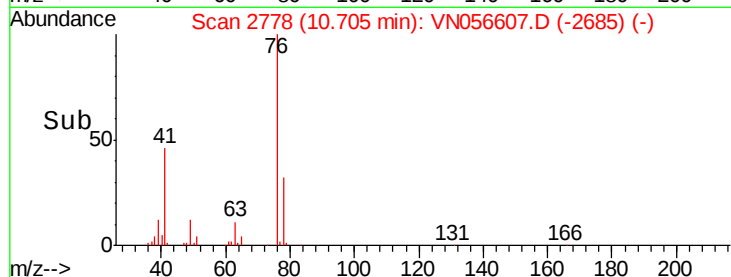
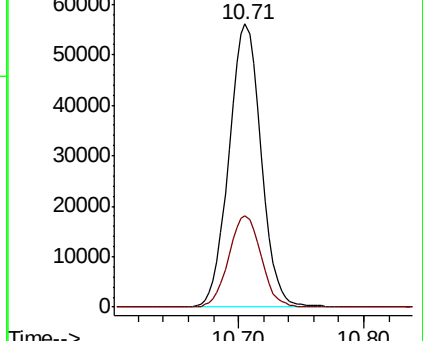
76 100

78 32.6 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 135.880 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN056607.D

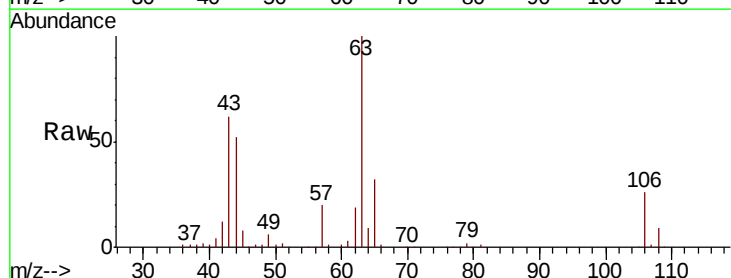
Acq: 8 Jul 2019 14:21

Tgt Ion: 63 Resp: 226578

Ion Ratio Lower Upper

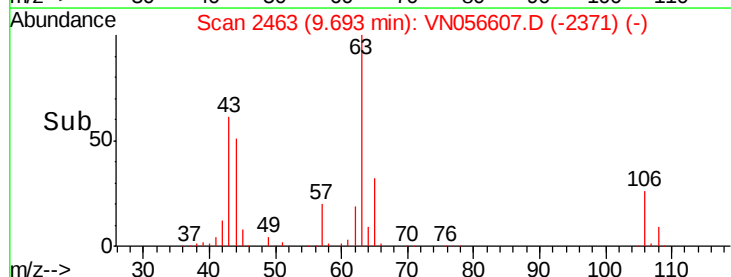
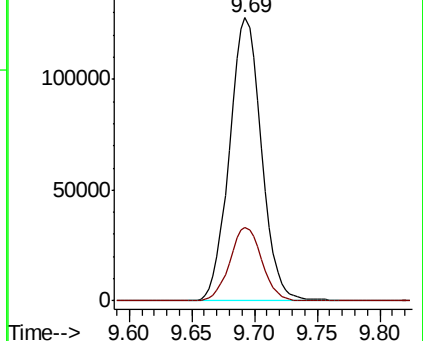
63 100

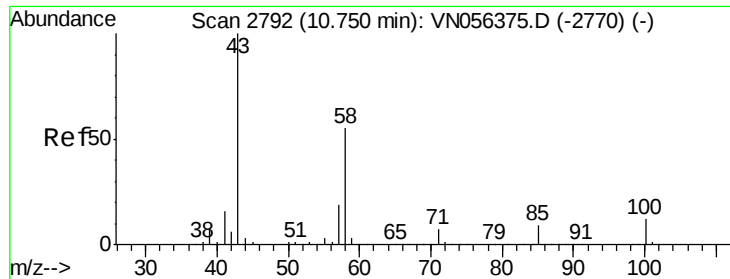
106 26.1 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

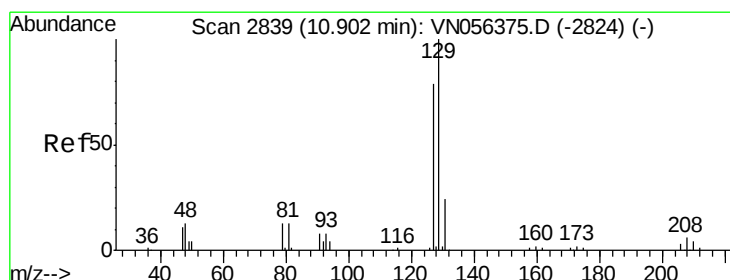
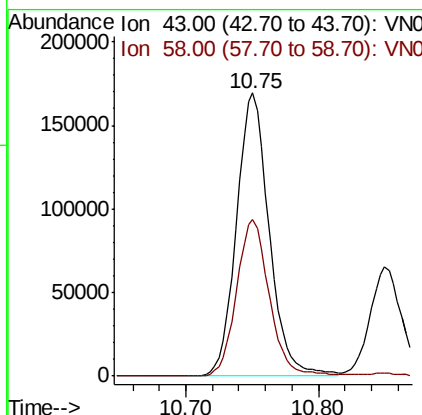
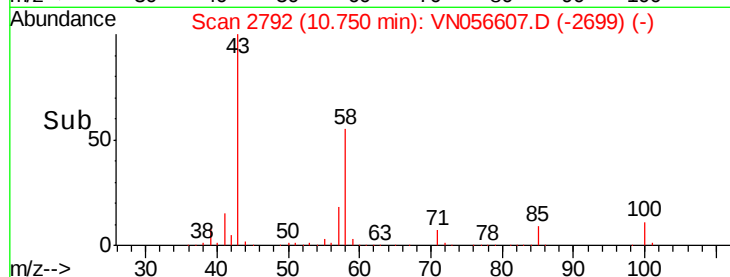
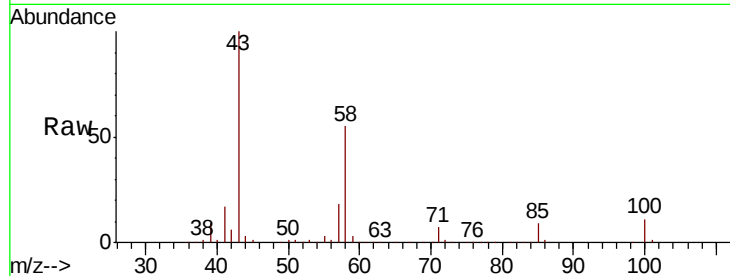




#59
2-Hexanone
Concen: 95.771 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

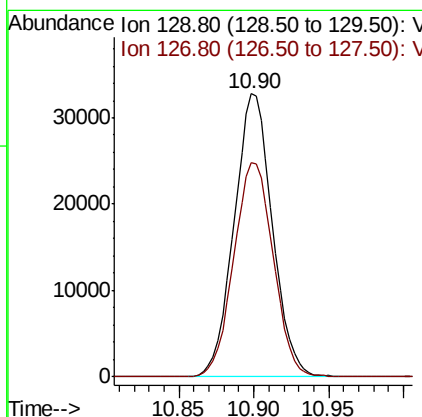
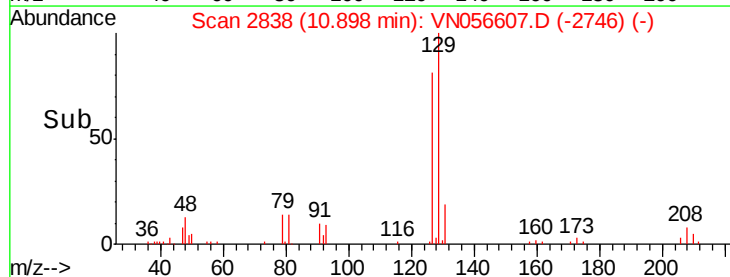
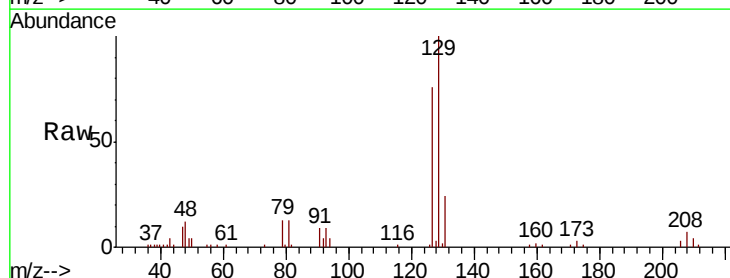
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

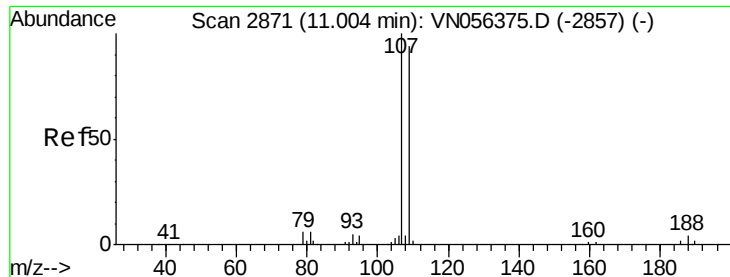
Tot Ion: 43 Resp: 289256
Ion Ratio Lower Upper
43 100
58 55.8 27.8 83.4



#60
Dibromochloromethane
Concen: 19.363 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion: 129 Resp: 58209
Ion Ratio Lower Upper
129 100
127 78.4 38.9 116.7





#61

1,2-Dibromoethane

Concen: 18.358 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

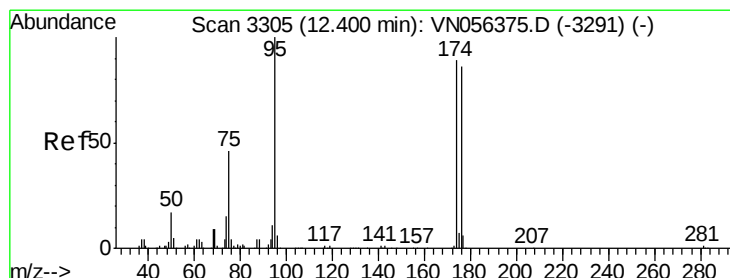
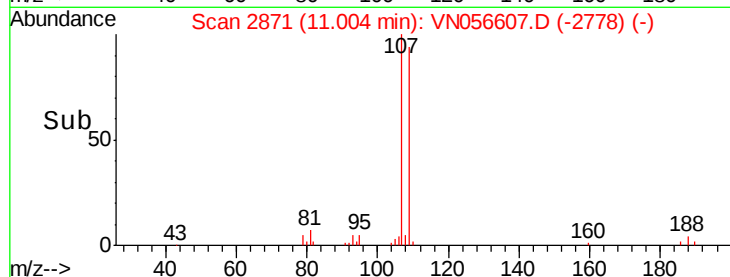
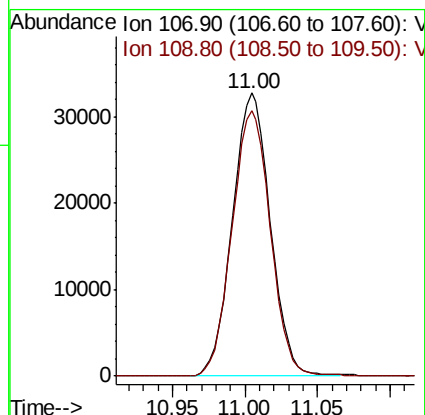
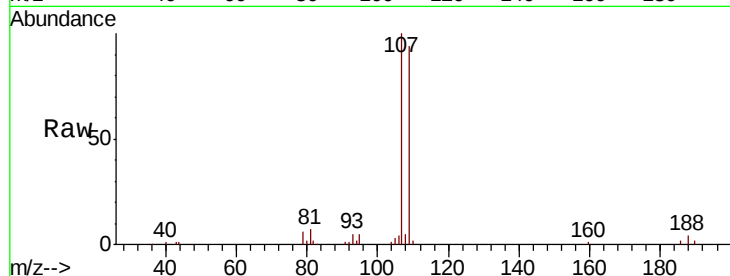
VN0708WBS01

Tot Ion:107 Resp: 59551

Ion Ratio Lower Upper

107 100

109 94.8 75.3 112.9



#62

4-Bromofluorobenzene

Concen: 46.623 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

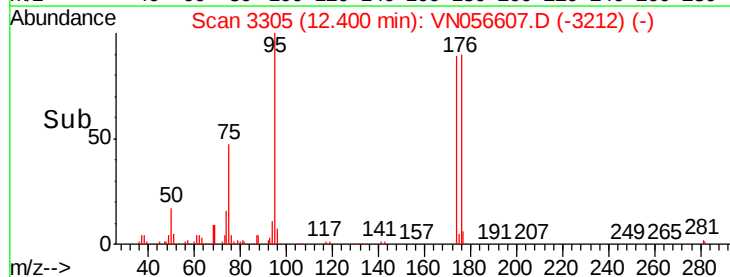
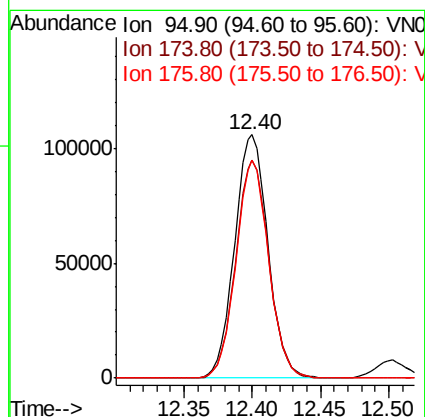
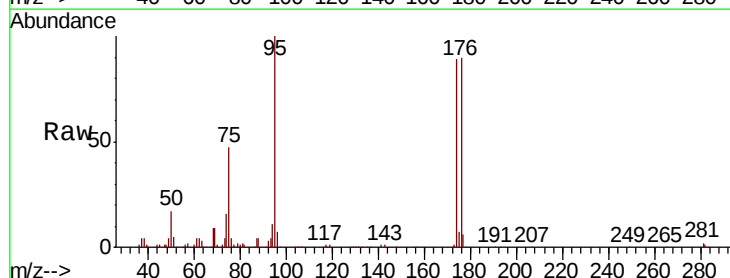
Tgt Ion: 95 Resp: 180090

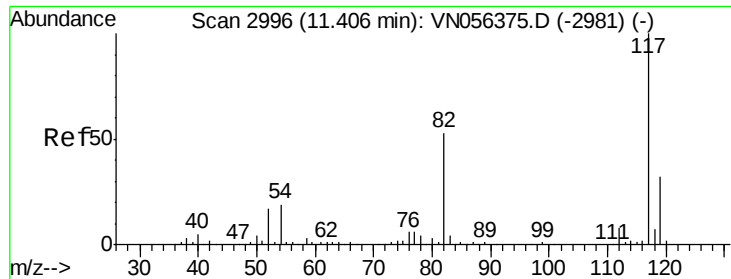
Ion Ratio Lower Upper

95 100

174 88.6 0.0 179.4

176 87.4 0.0 173.4

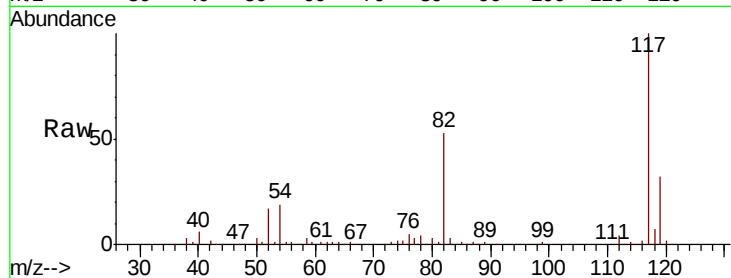




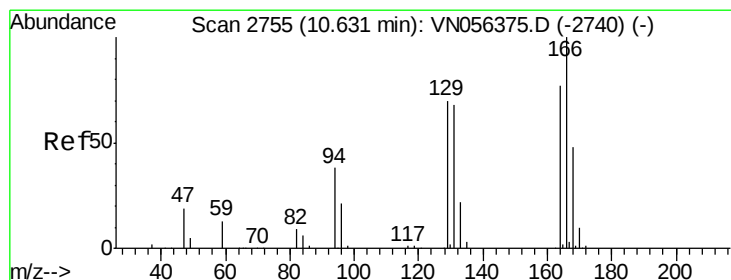
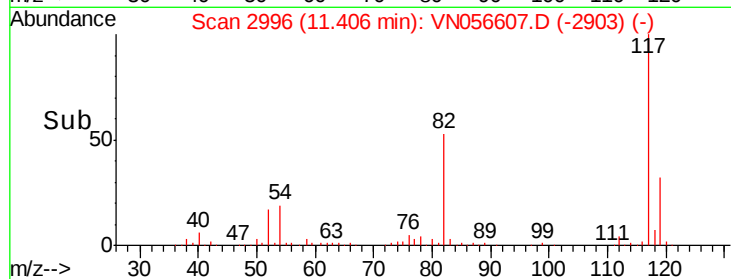
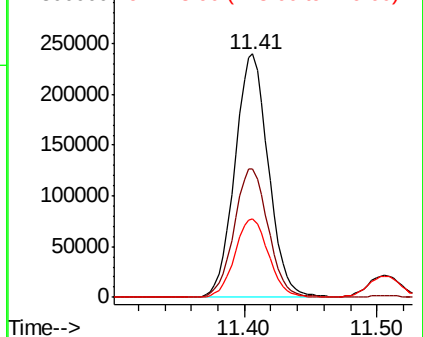
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

Tot Ion:117 Resp: 421069
Ion Ratio Lower Upper
117 100
82 52.8 42.0 63.0
119 32.3 25.3 37.9

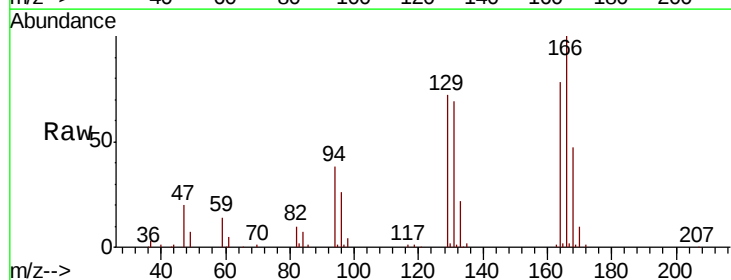


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

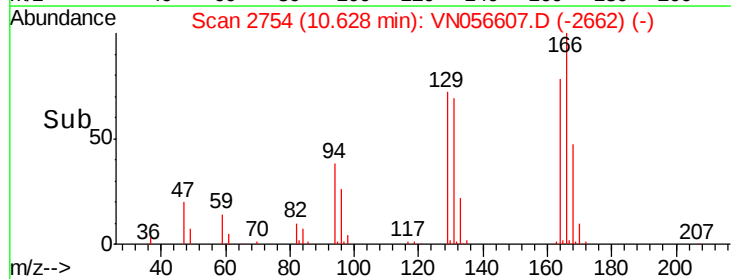
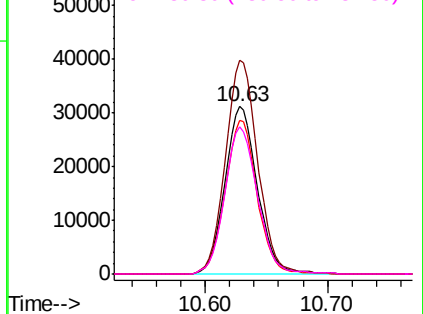


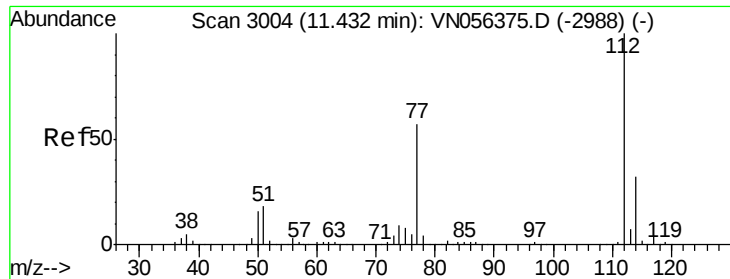
#64
Tetrachloroethene
Concen: 17.355 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion:164 Resp: 57872
Ion Ratio Lower Upper
164 100
166 127.8 103.4 155.0
129 92.1 72.0 108.0
131 87.8 70.2 105.2



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

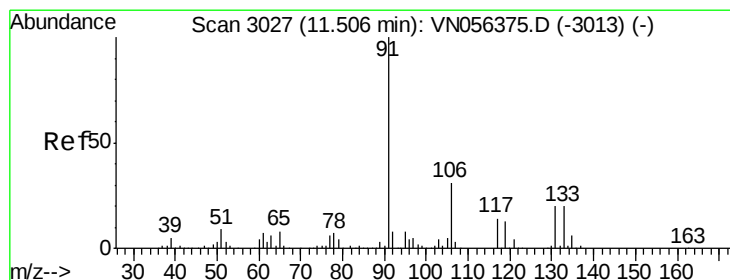
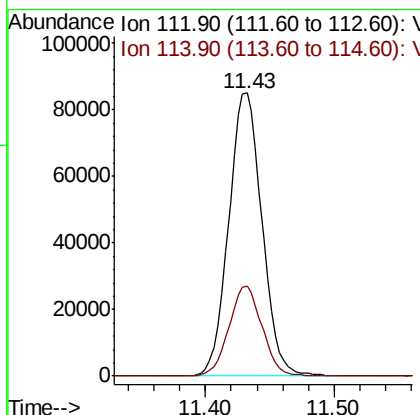
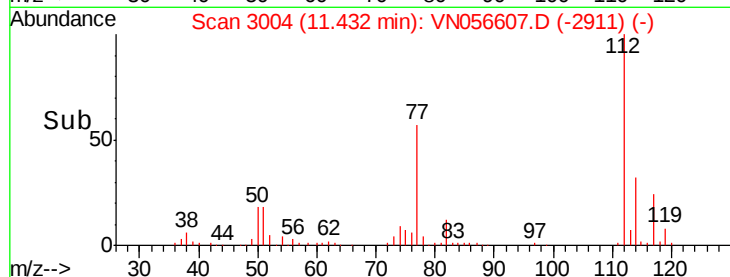
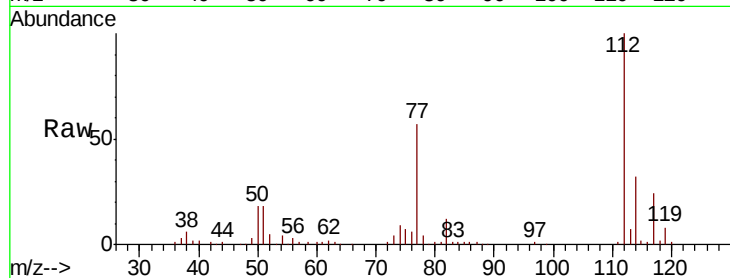




#65
Chlorobenzene
Concen: 18.028 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

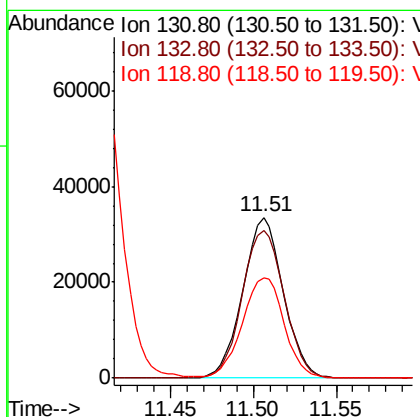
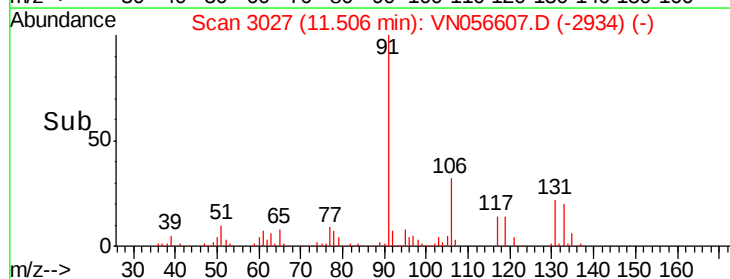
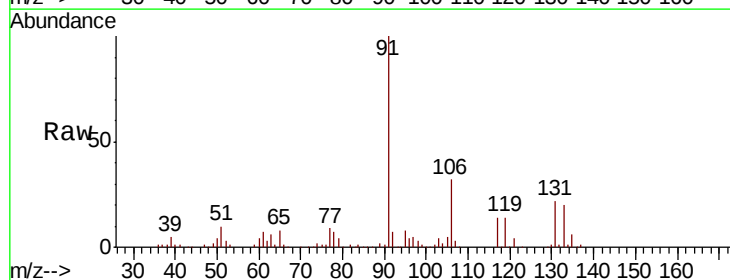
Instrument :
MSVOA_N
ClientSampled :
VN0708WBS01

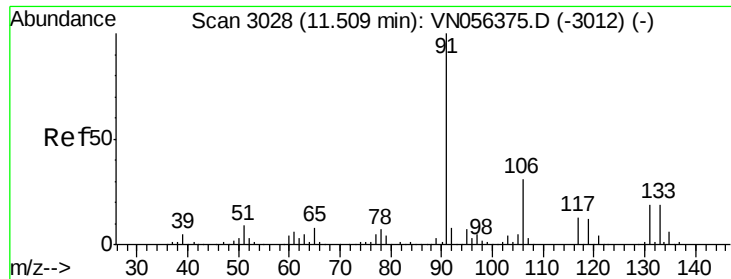
Tot Ion:112 Resp: 152532
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.852 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion:131 Resp: 56767
Ion Ratio Lower Upper
131 100
133 95.5 47.4 142.2
119 64.7 32.8 98.4

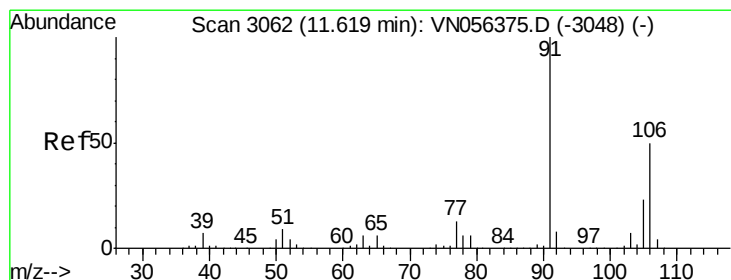
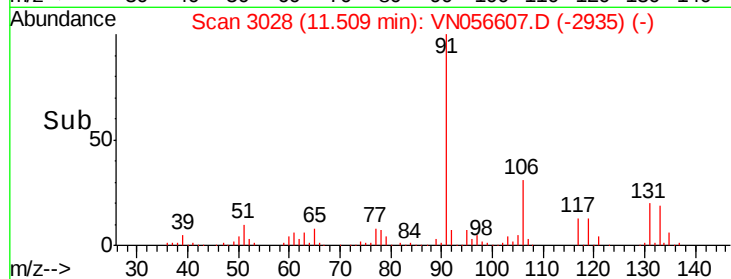
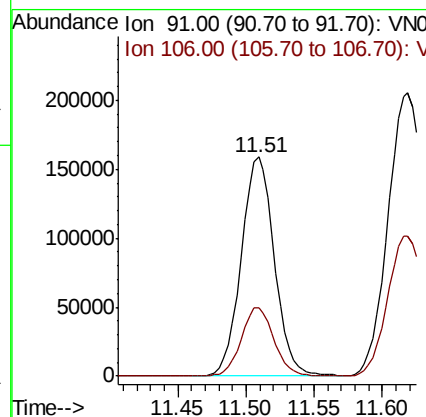
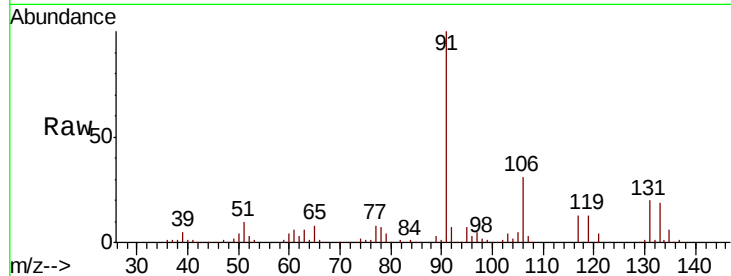




#67
Ethyl Benzene
Concen: 18.037 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

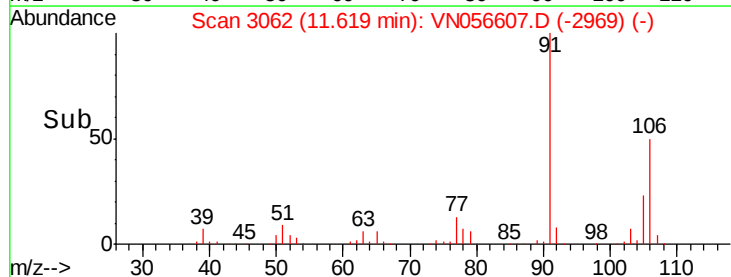
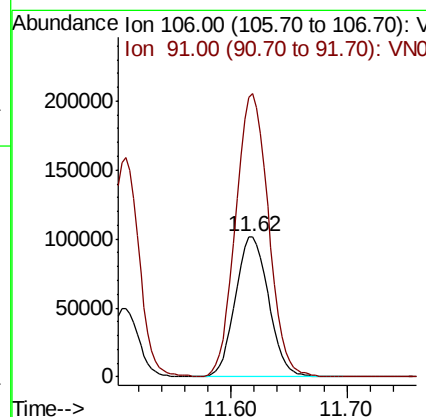
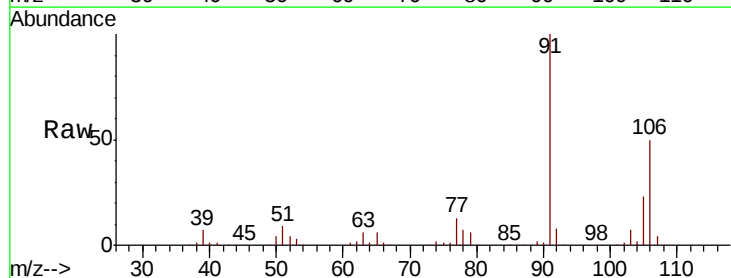
Instrument :
MSVOA_N
ClientSampled :
VN0708WBS01

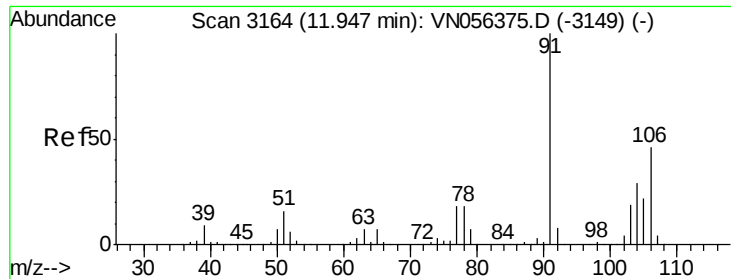
Tot Ion: 91 Resp: 267953
Ion Ratio Lower Upper
91 100
106 31.3 25.1 37.7



#68
m/p-Xylenes
Concen: 37.107 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion: 106 Resp: 202023
Ion Ratio Lower Upper
106 100
91 199.2 160.1 240.1

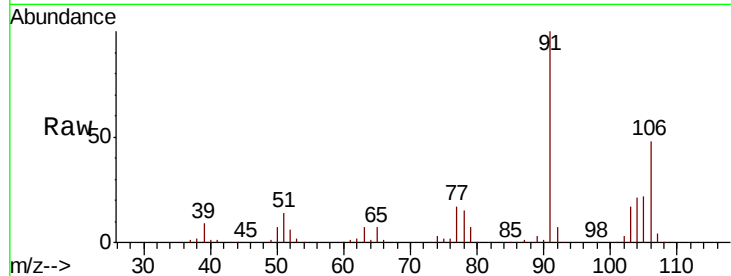




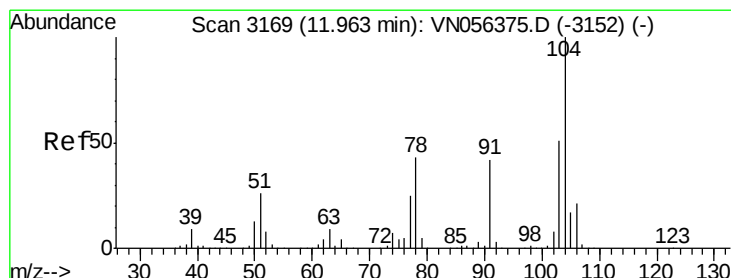
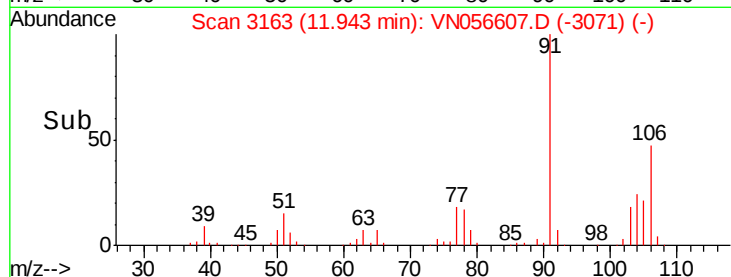
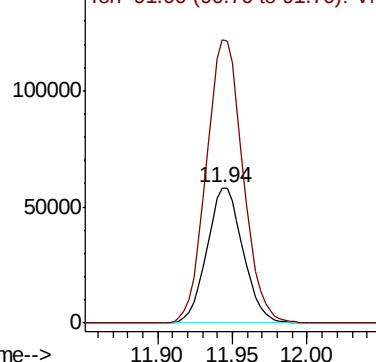
#69
o-Xylene
Concen: 18.185 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Instrument :
MSVOA_N
ClientSampled :
VN0708WBS01

Tot Ion:106 Resp: 97952
Ion Ratio Lower Upper
106 100
91 212.7 107.1 321.3

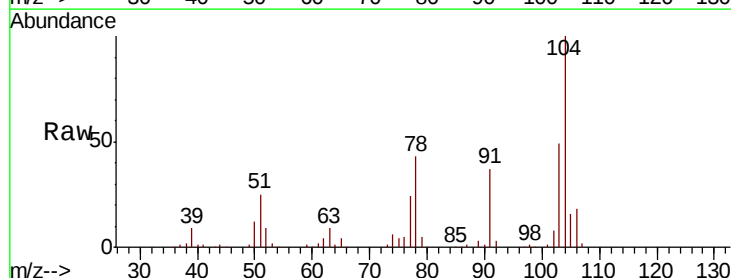


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

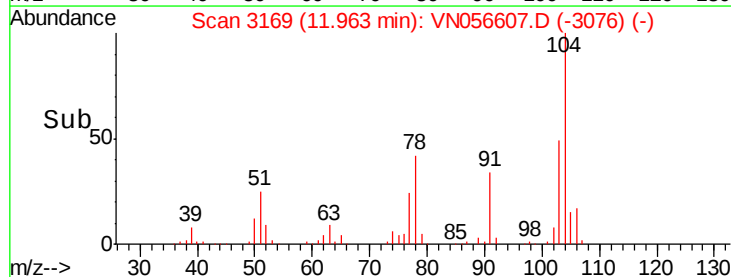
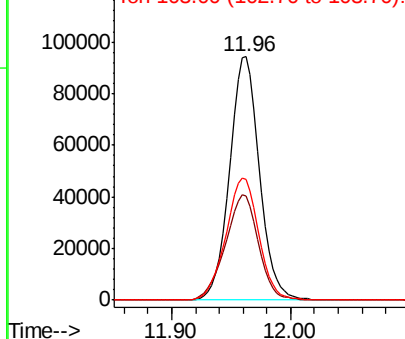


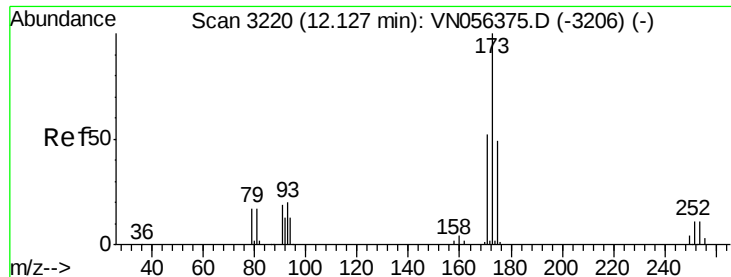
#70
Styrene
Concen: 18.991 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion:104 Resp: 163505
Ion Ratio Lower Upper
104 100
78 47.9 38.6 57.8
103 55.4 43.9 65.9



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

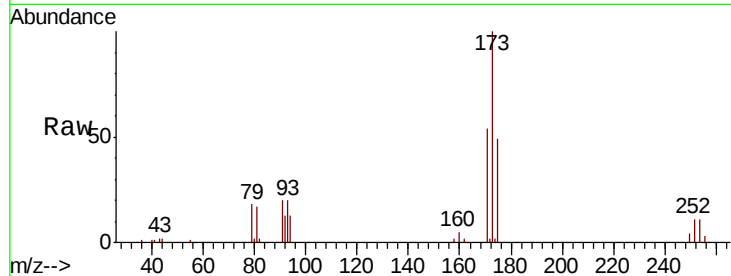




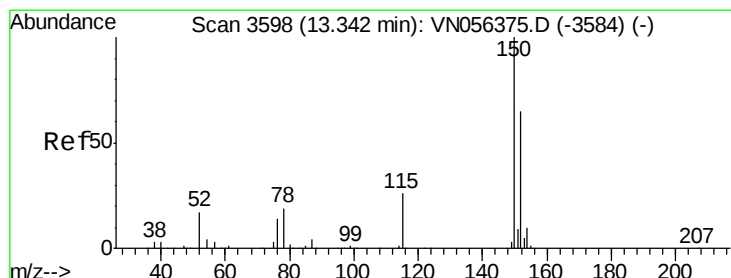
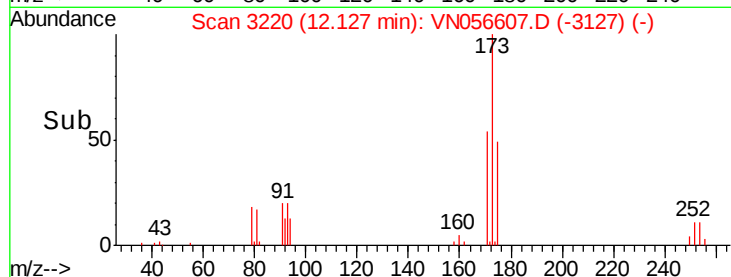
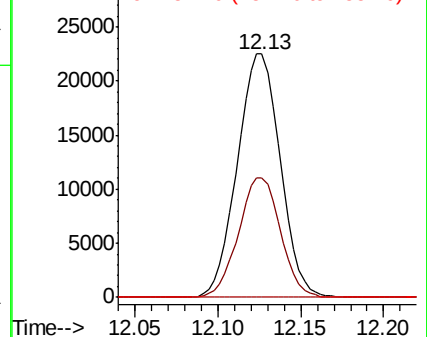
#71
Bromoform
Concen: 19.593 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

Tot Ion:173 Resp: 40494
Ion Ratio Lower Upper
173 100
175 47.9 24.4 73.4
254 0.0 0.0 0.0

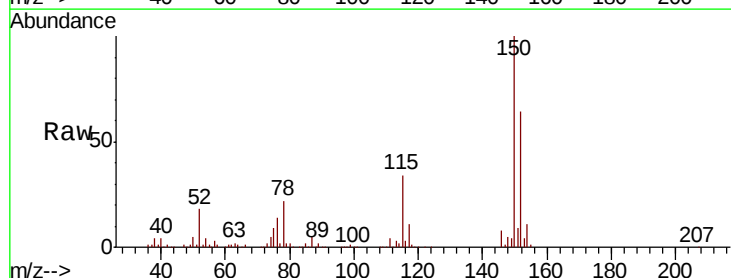


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

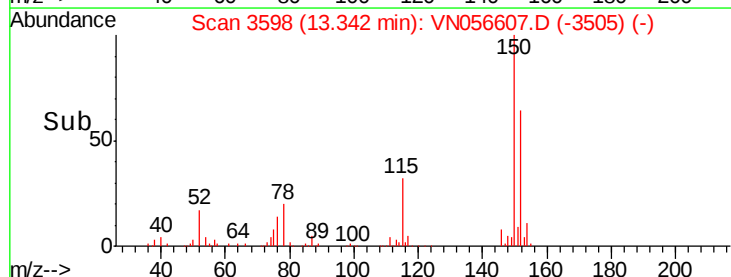
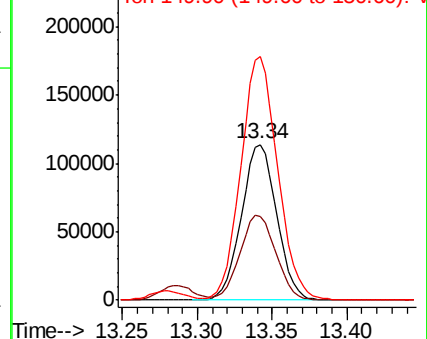


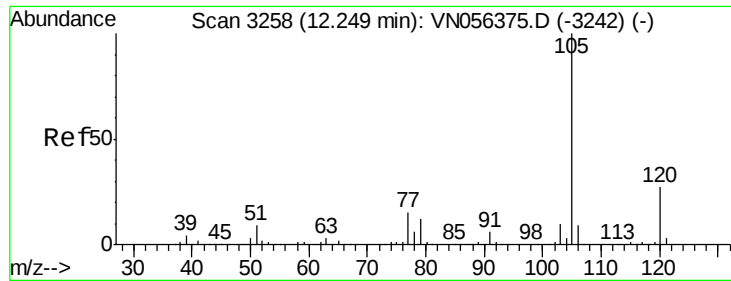
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion:152 Resp: 186753
Ion Ratio Lower Upper
152 100
115 55.4 28.1 84.4
150 163.3 0.0 348.4



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





#73

Isopropylbenzene

Concen: 16.862 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

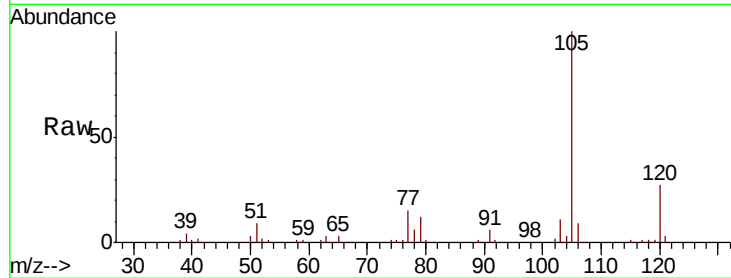
VN0708WBS01

Tot Ion:105 Resp: 261505

Ion Ratio Lower Upper

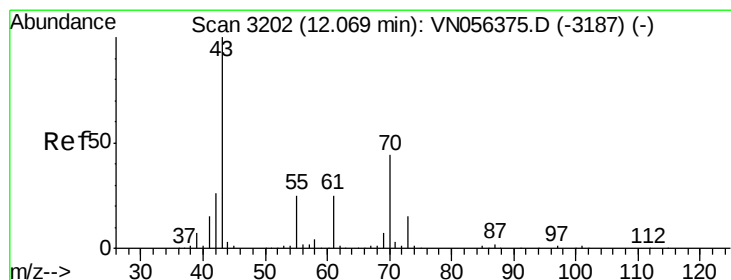
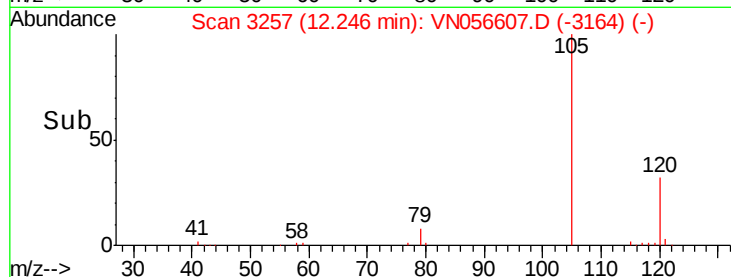
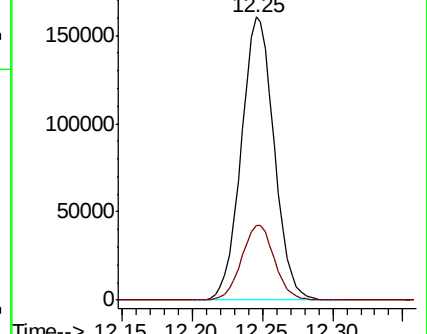
105 100

120 26.5 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.637 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Tgt Ion: 43 Resp: 98882

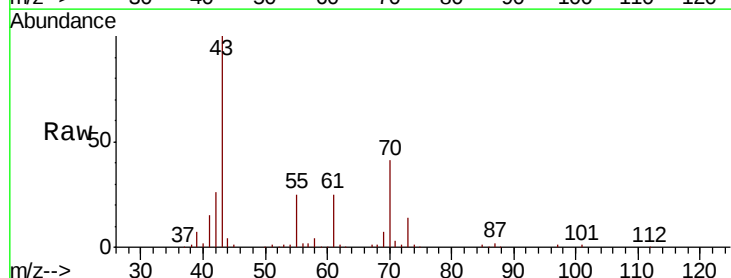
Ion Ratio Lower Upper

43 100

70 42.1 34.9 52.3

55 25.9 20.4 30.6

61 24.8 19.8 29.8

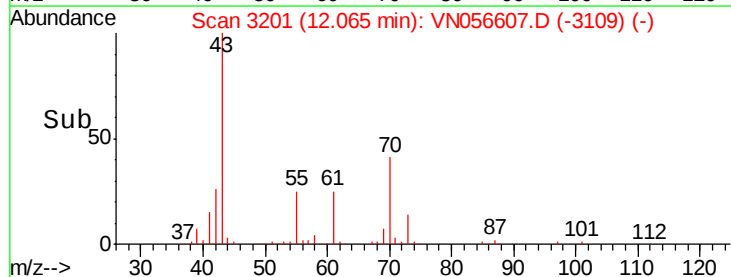
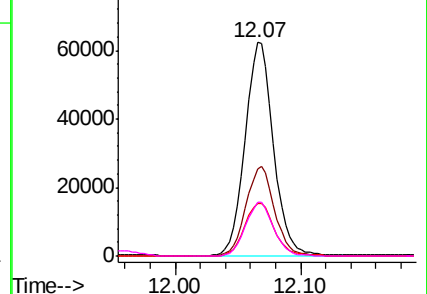


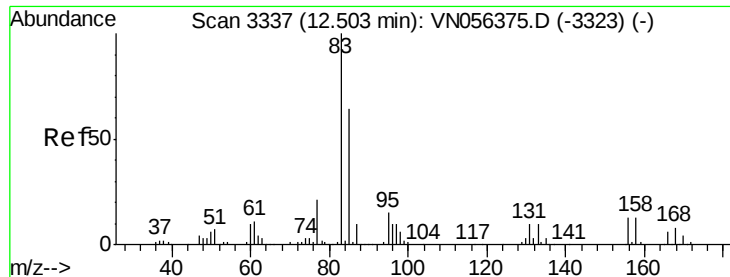
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 18.208 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBS01

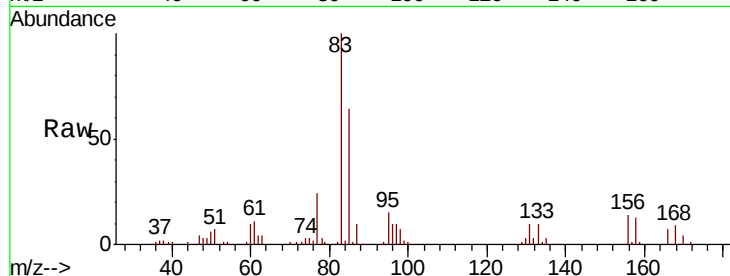
Tot Ion: 83 Resp: 87558

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.8

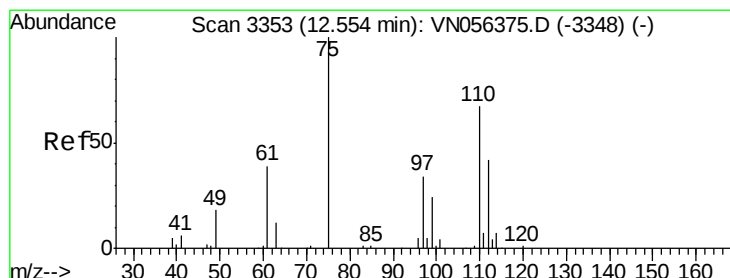
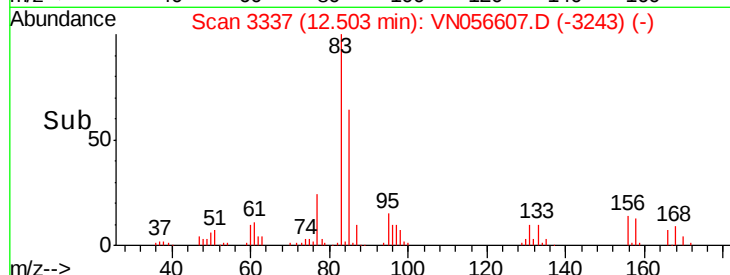
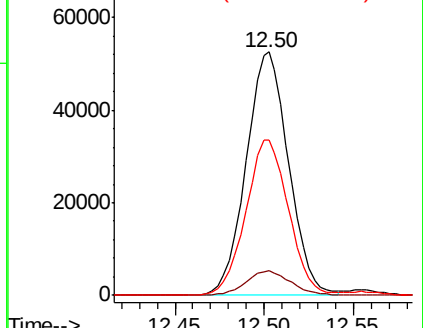
85 64.3 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN056607.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN056607.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN056607.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 26.015 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN056607.D

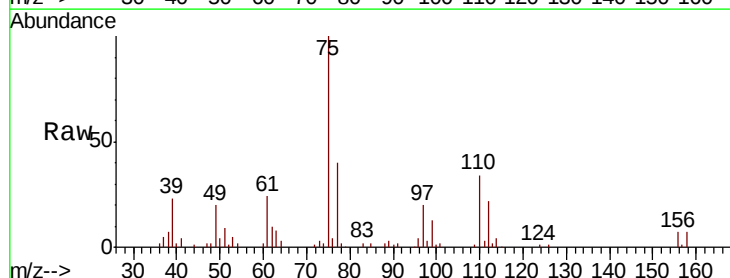
Acq: 8 Jul 2019 14:21

Tgt Ion: 75 Resp: 100738

Ion Ratio Lower Upper

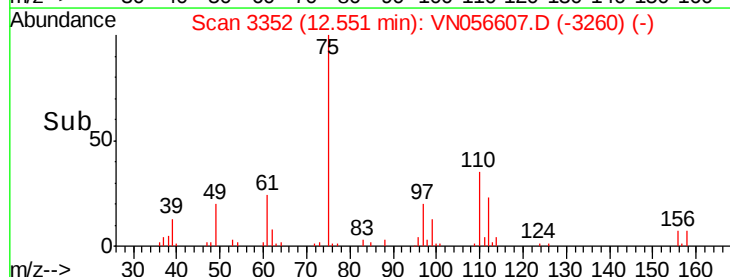
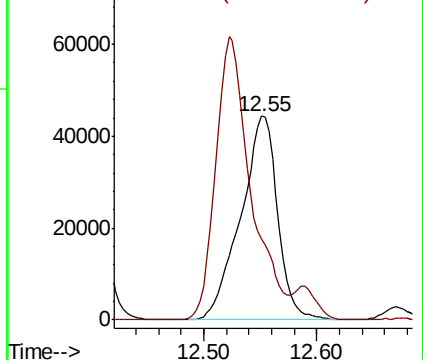
75 100

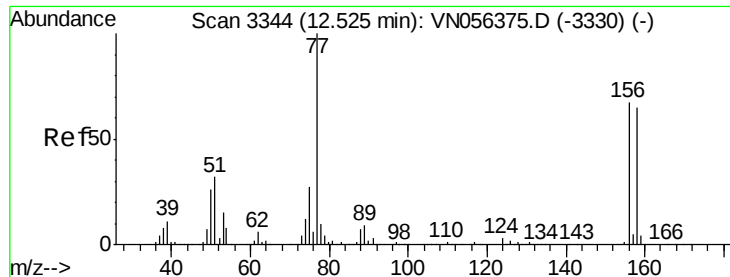
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN056607.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN056607.D (-3260) (-)





#77

Bromobenzene

Concen: 16.454 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBS01

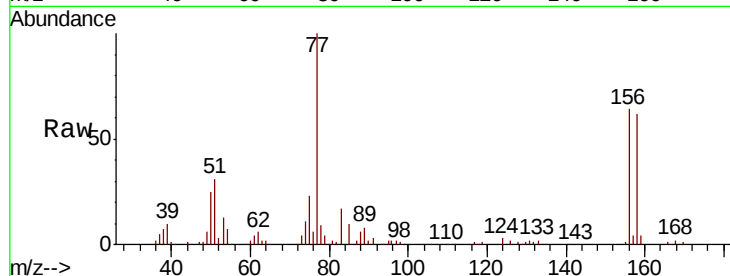
Tot Ion:156 Resp: 68709

Ion Ratio Lower Upper

156 100

77 191.7 92.5 277.3

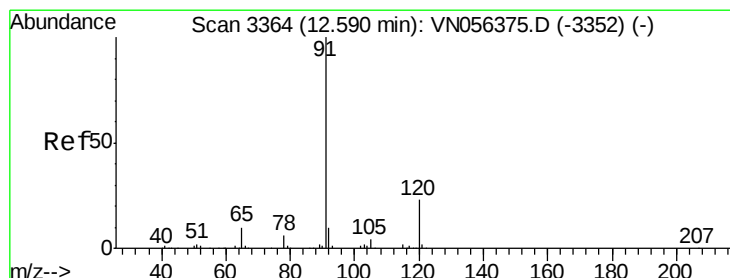
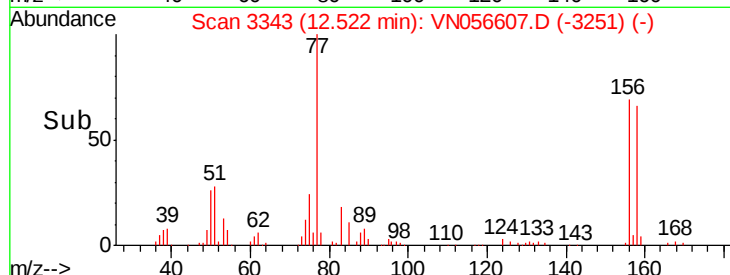
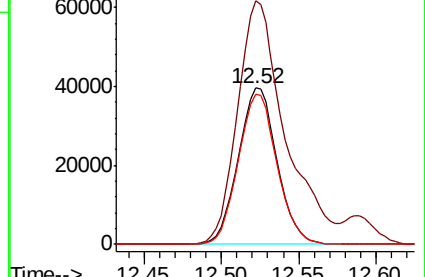
158 96.0 48.7 146.1



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: 16.900 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056607.D

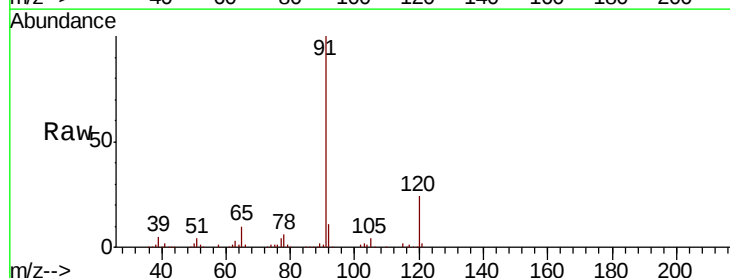
Acq: 8 Jul 2019 14:21

Tgt Ion: 91 Resp: 289020

Ion Ratio Lower Upper

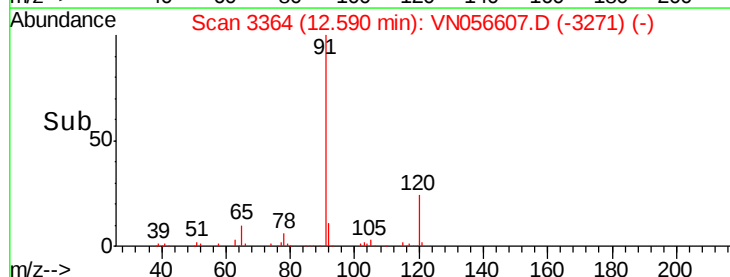
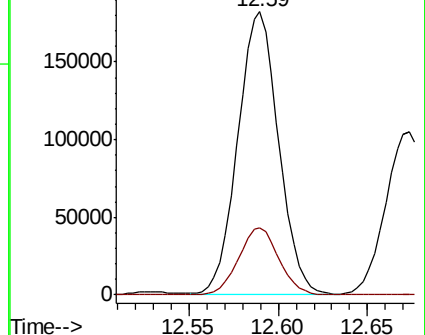
91 100

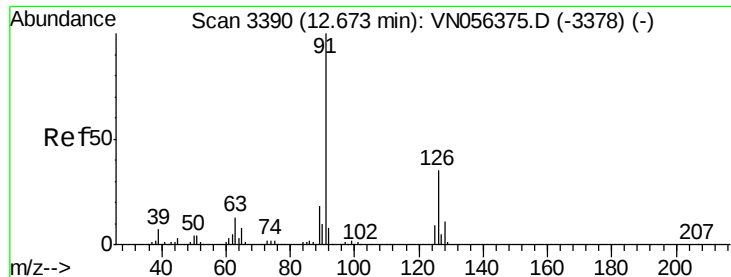
120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.203 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

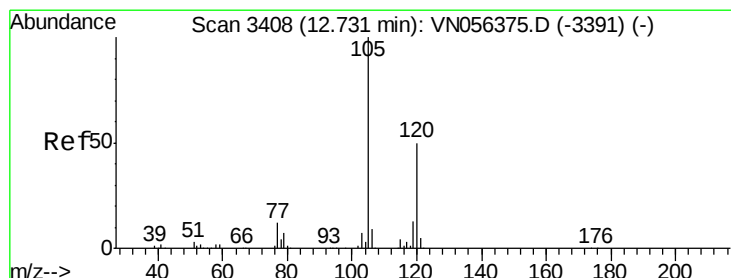
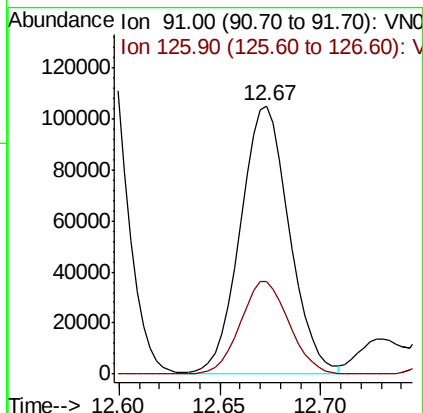
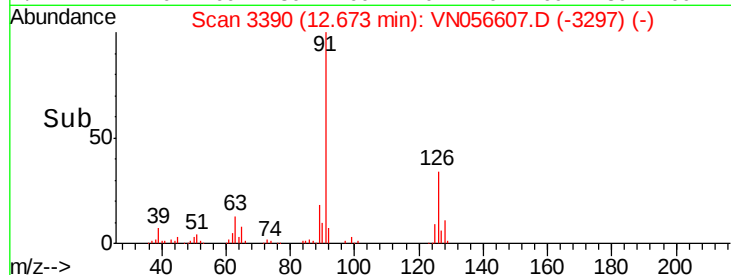
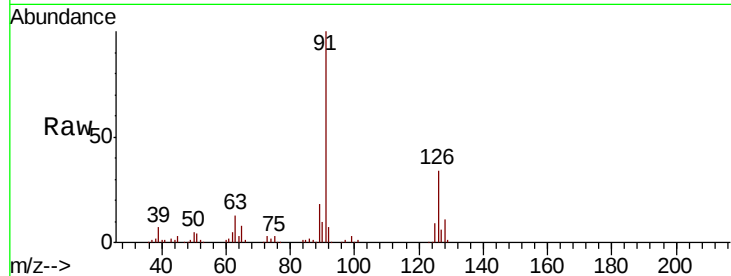
VN0708WBS01

Tot Ion: 91 Resp: 176886

Ion Ratio Lower Upper

91 100

126 34.8 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 17.398 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056607.D

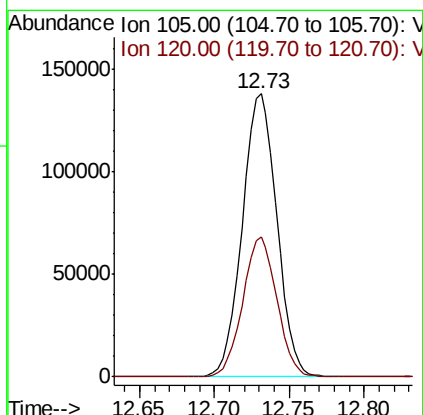
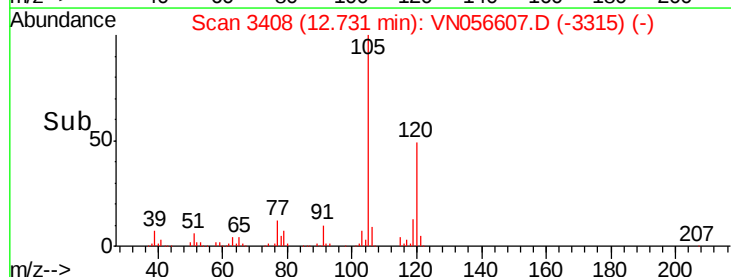
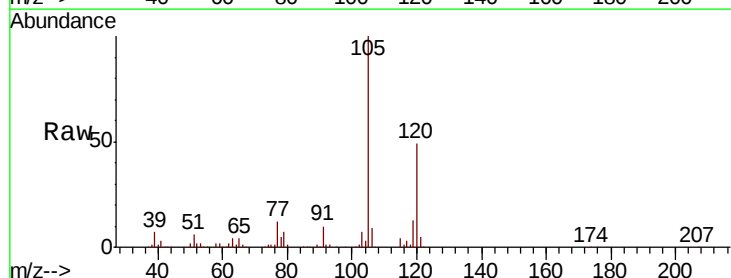
Acq: 8 Jul 2019 14:21

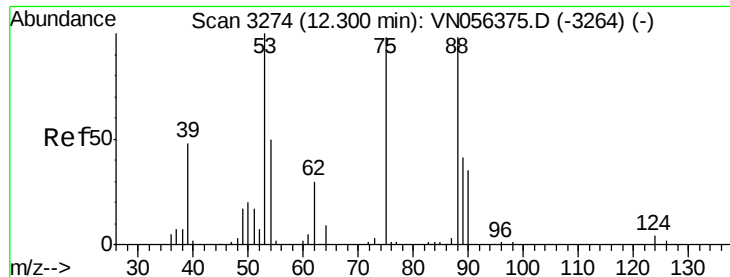
Tgt Ion: 105 Resp: 221801

Ion Ratio Lower Upper

105 100

120 48.9 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.468 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBS01

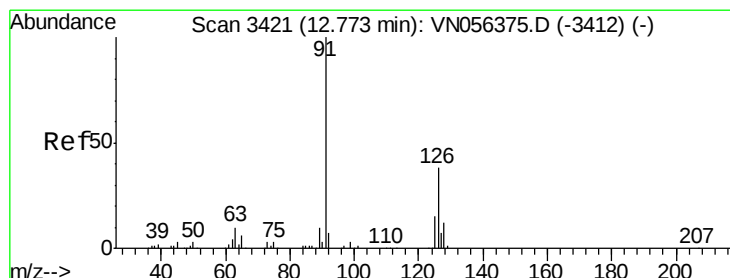
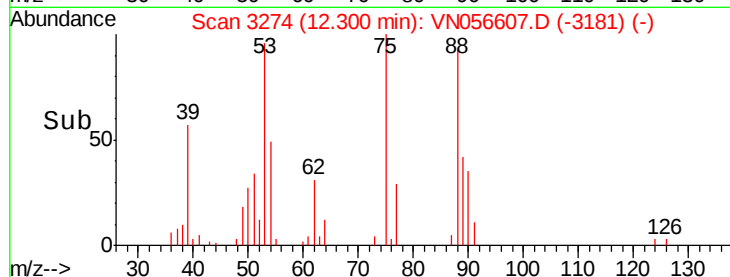
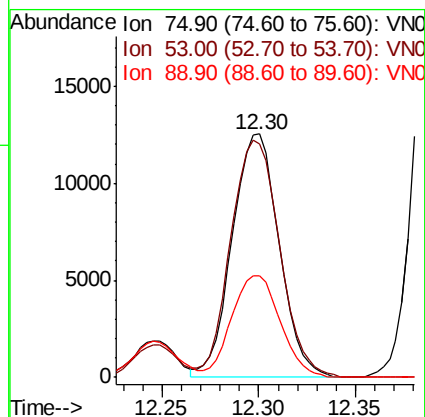
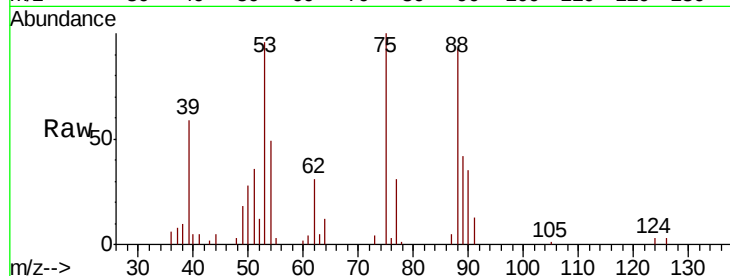
Tot Ion: 75 Resp: 21211

Ion Ratio Lower Upper

75 100

53 101.1 83.9 125.9

89 43.2 35.0 52.6



#82

4-Chlorotoluene

Concen: 17.031 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN056607.D

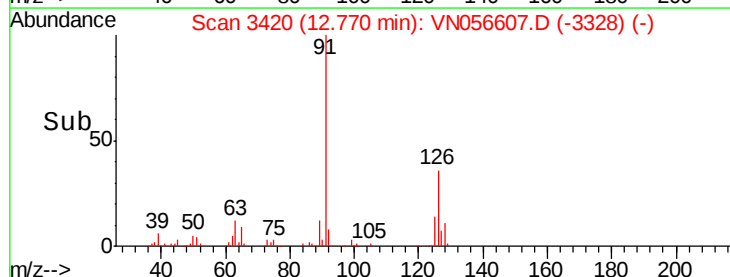
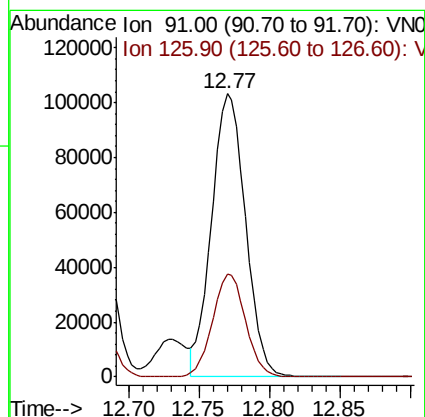
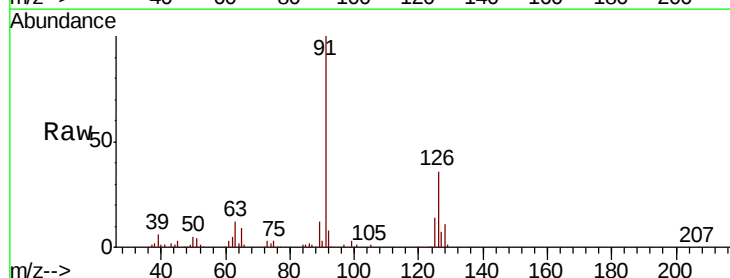
Acq: 8 Jul 2019 14:21

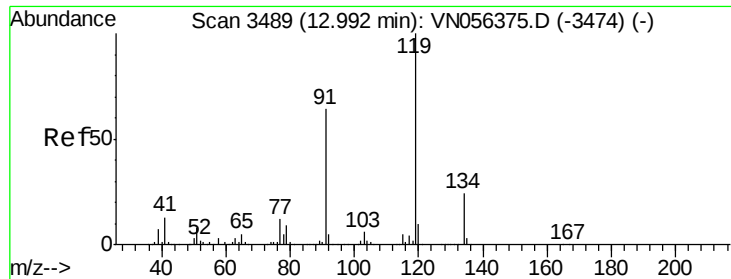
Tgt Ion: 91 Resp: 171975

Ion Ratio Lower Upper

91 100

126 35.3 17.3 52.0

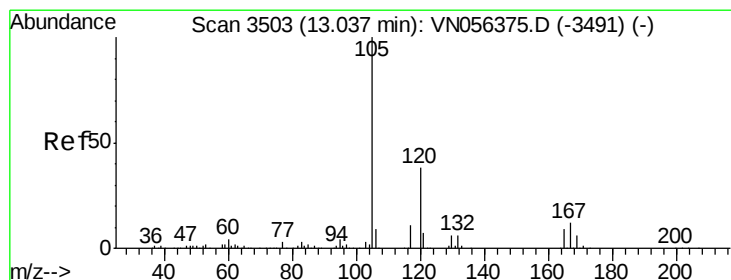
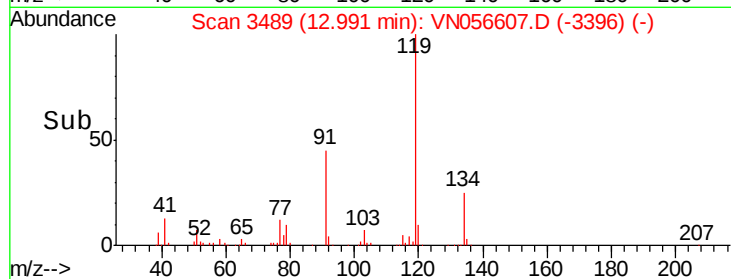
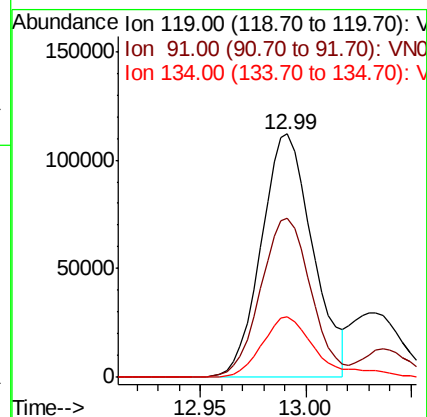
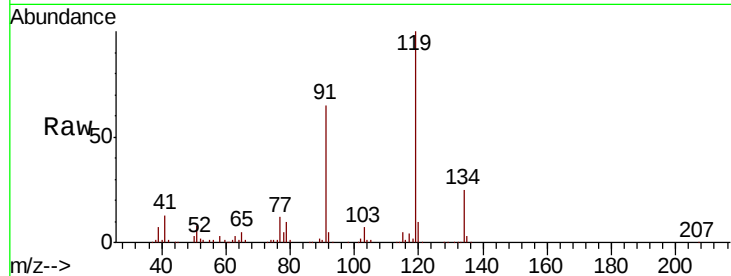




#83
tert-Butylbenzene
Concen: 16.727 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

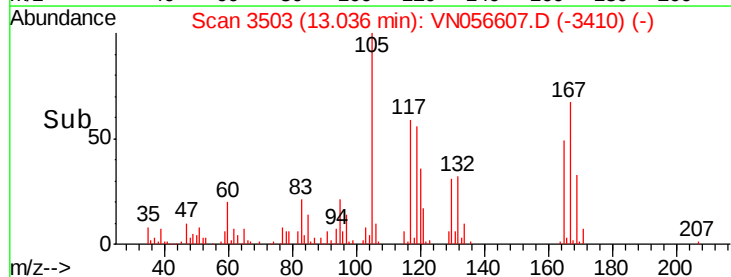
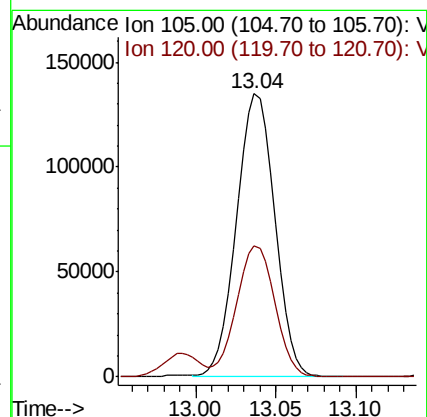
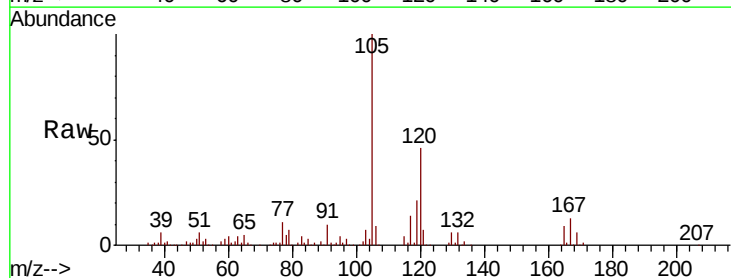
Instrument :
MSVOA_N
ClientSampled :
VN0708WBS01

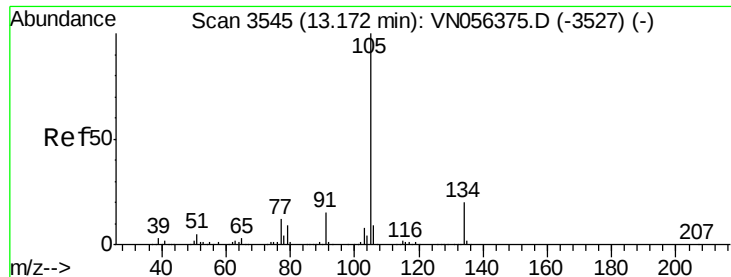
Tot Ion:119 Resp: 190119
Ion Ratio Lower Upper
119 100
91 64.2 31.6 94.7
134 26.5 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 17.425 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion:105 Resp: 219071
Ion Ratio Lower Upper
105 100
120 46.7 22.9 68.8





#85

sec-Butylbenzene

Concen: 16.751 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

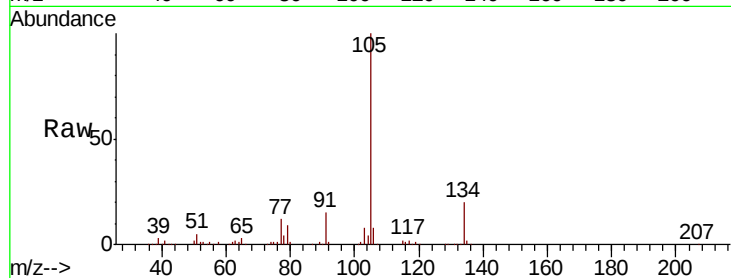
VN0708WBS01

Tot Ion:105 Resp: 251802

Ion Ratio Lower Upper

105 100

134 20.1 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

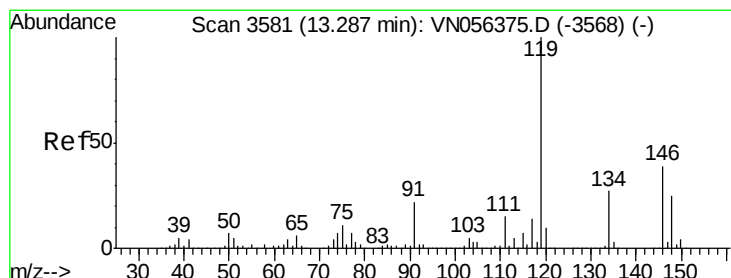
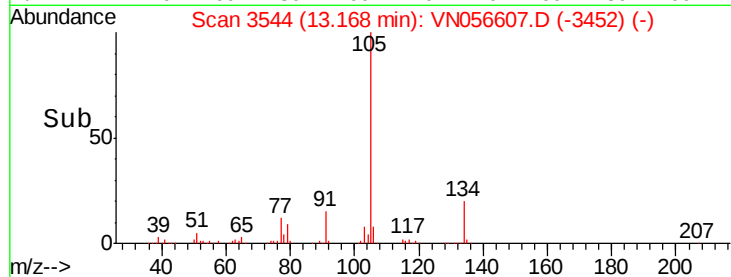
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 17.579 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

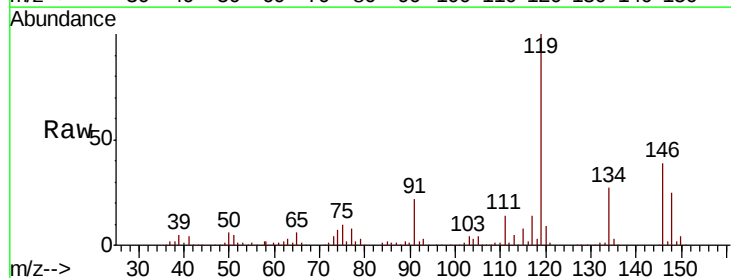
Tgt Ion:119 Resp: 226771

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

91 22.8 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

200000

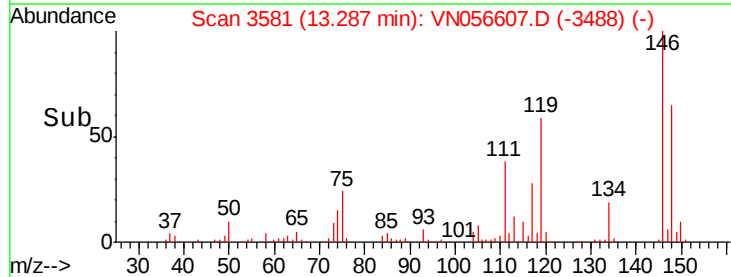
150000

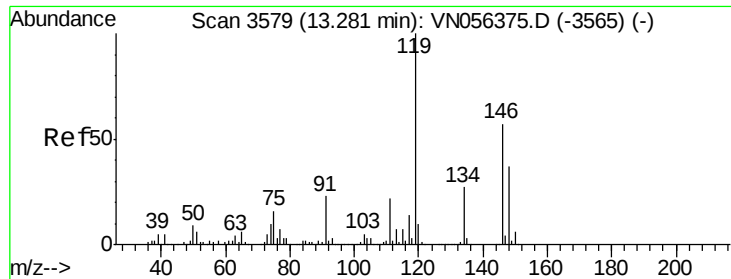
100000

50000

0

Time-->

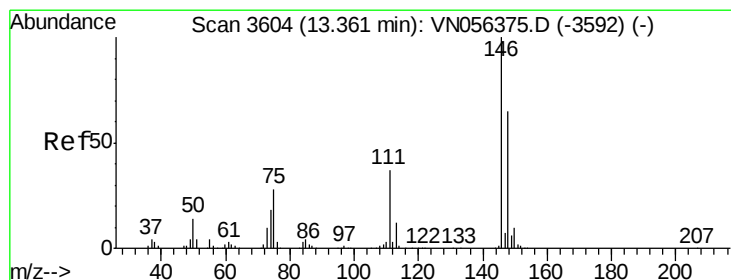
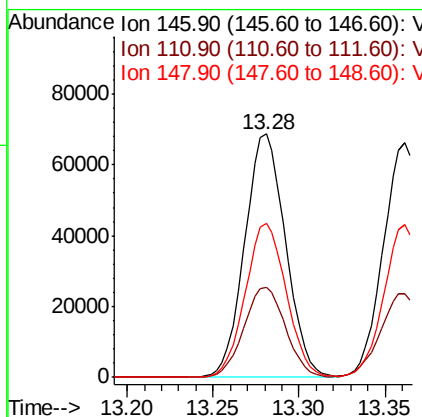
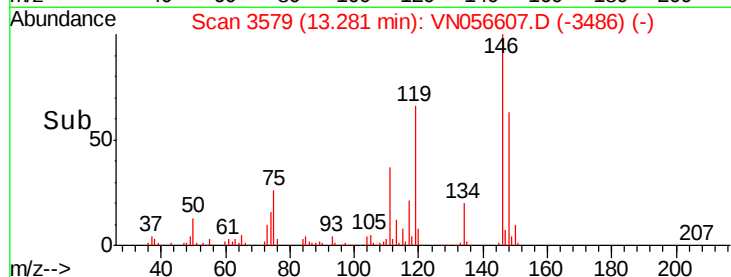
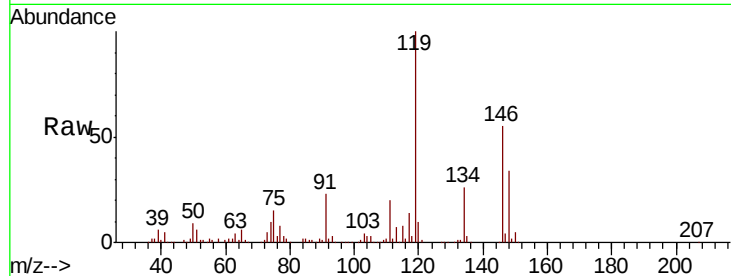




#87
 1,3-Dichlorobenzene
 Concen: 17.891 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN056607.D
 Acq: 8 Jul 2019 14:21

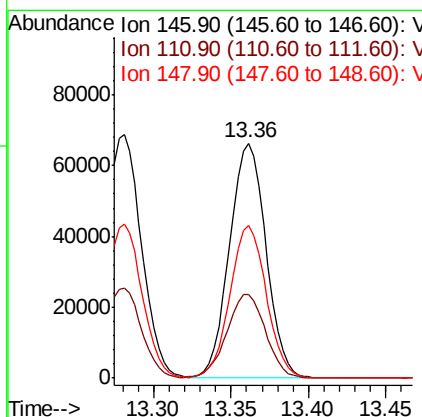
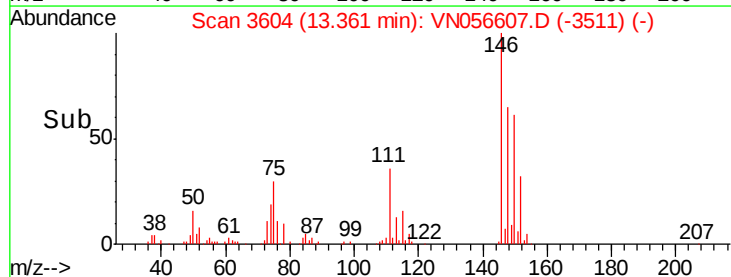
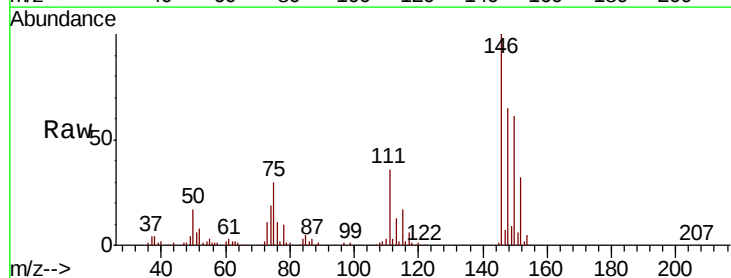
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS01

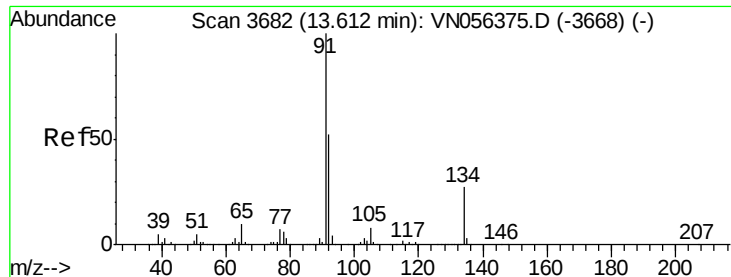
Tot Ion:146 Resp: 113216
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.9 56.9
 148 63.5 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 17.759 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN056607.D
 Acq: 8 Jul 2019 14:21

Tgt Ion:146 Resp: 108838
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.4 55.4
 148 64.6 32.4 97.0

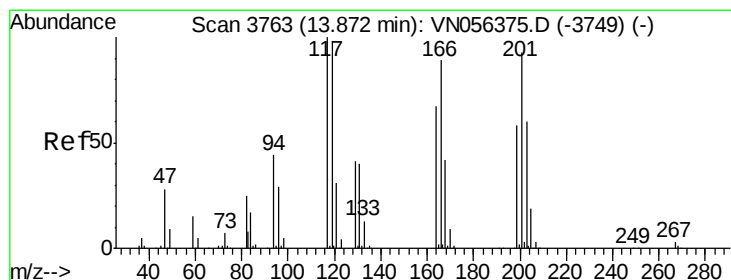
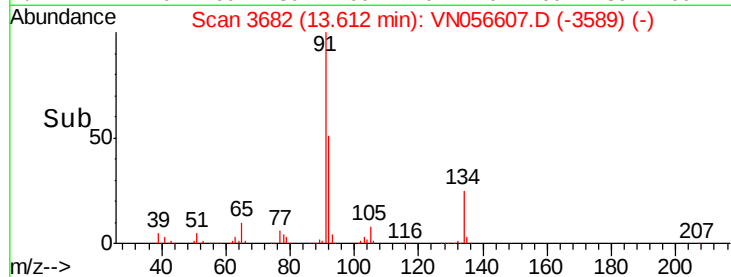
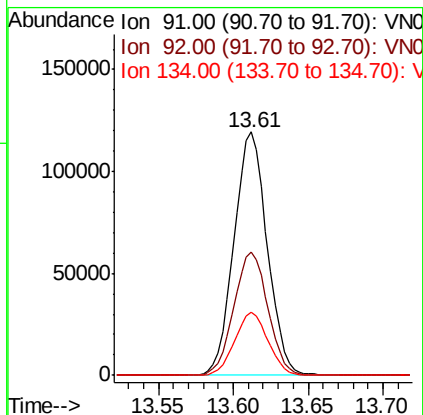
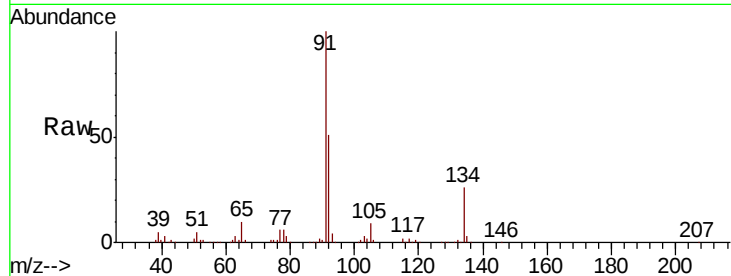




#89
n-Butylbenzene
Concen: 18.890 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

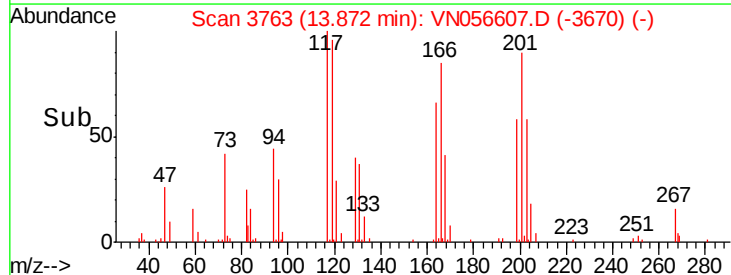
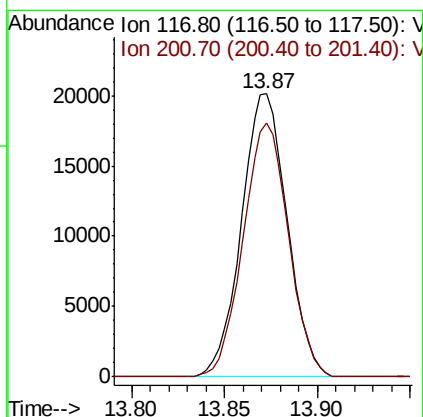
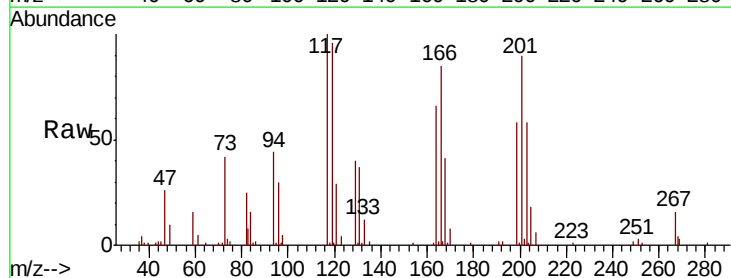
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

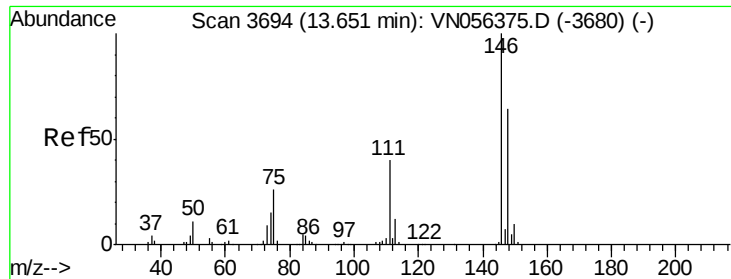
Tot Ion: 91 Resp: 184473
Ion Ratio Lower Upper
91 100
92 51.9 26.2 78.5
134 26.0 13.4 40.2



#90
Hexachloroethane
Concen: 17.100 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion: 117 Resp: 34391
Ion Ratio Lower Upper
117 100
201 88.7 45.9 137.6





#91

1,2-Dichlorobenzene

Concen: 18.066 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBS01

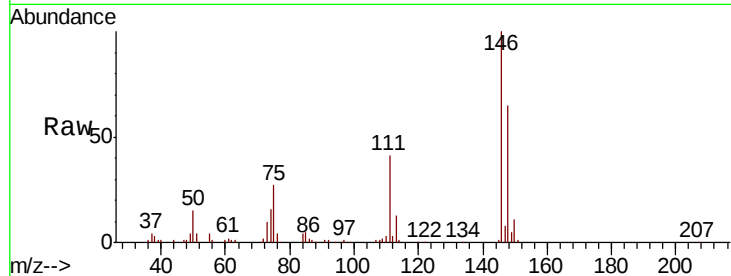
Tot Ion:146 Resp: 113431

Ion Ratio Lower Upper

146 100

111 39.4 19.3 57.9

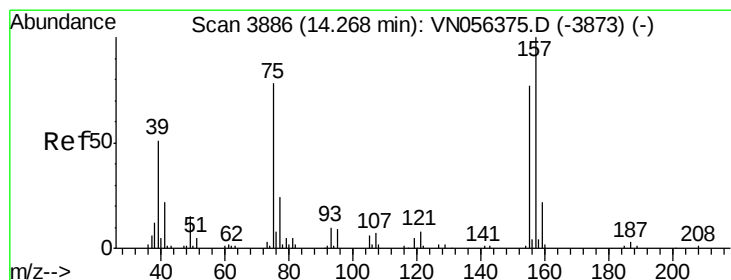
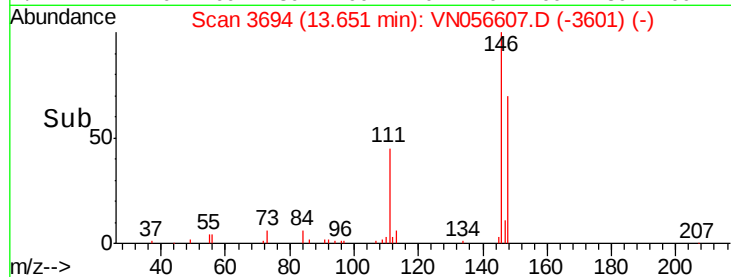
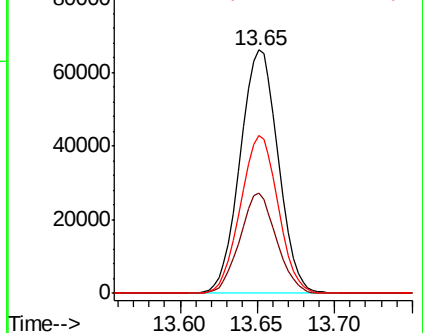
148 63.9 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.289 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

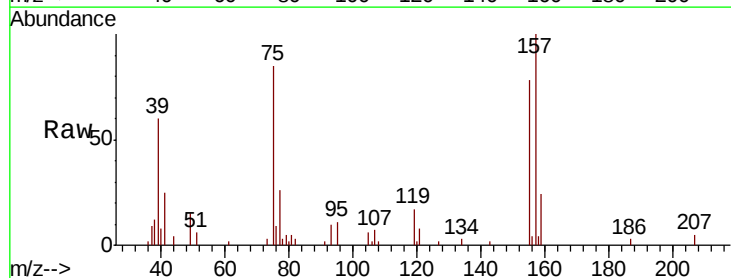
Tgt Ion: 75 Resp: 14020

Ion Ratio Lower Upper

75 100

155 98.7 48.9 146.8

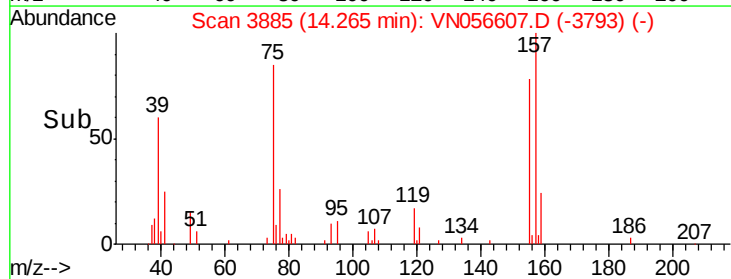
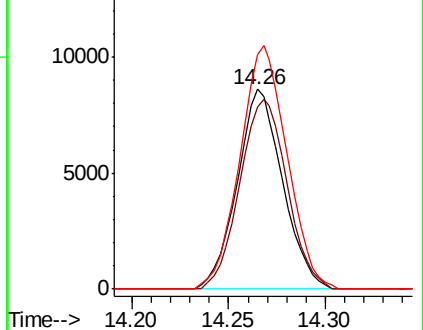
157 126.6 62.9 188.8

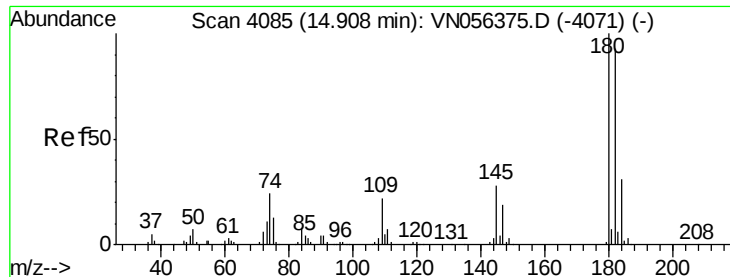


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

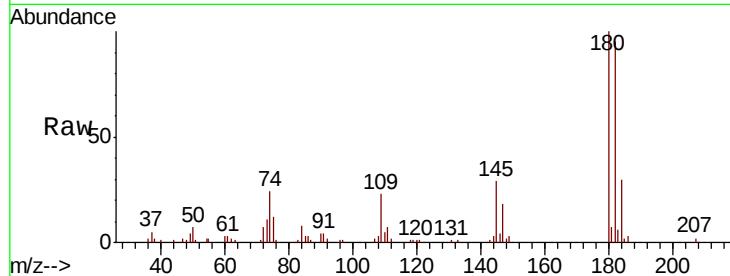




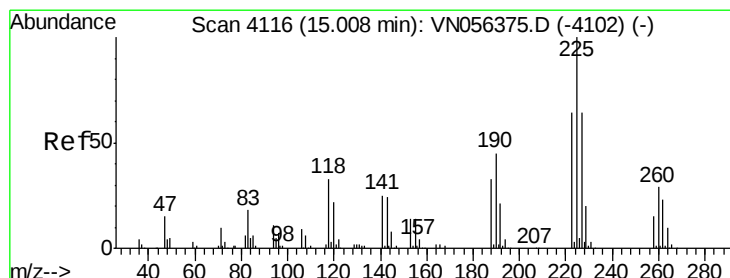
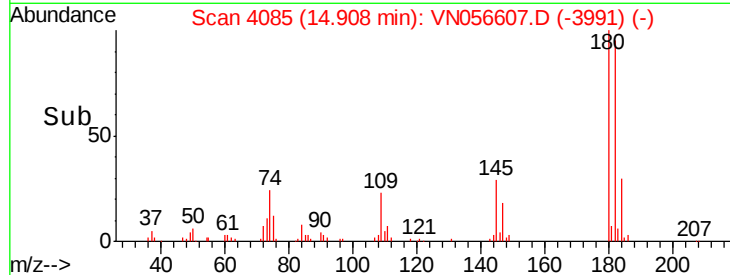
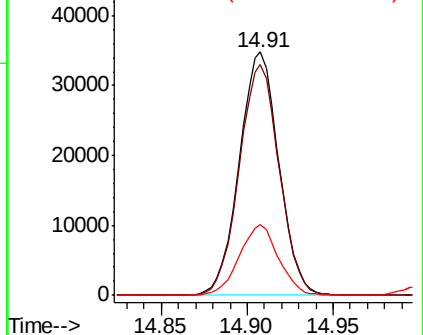
#93
1,2,4-Trichlorobenzene
Concen: 20.712 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBS01

Tot Ion:180 Resp: 55609
Ion Ratio Lower Upper
180 100
182 95.8 46.9 140.6
145 28.9 14.4 43.0

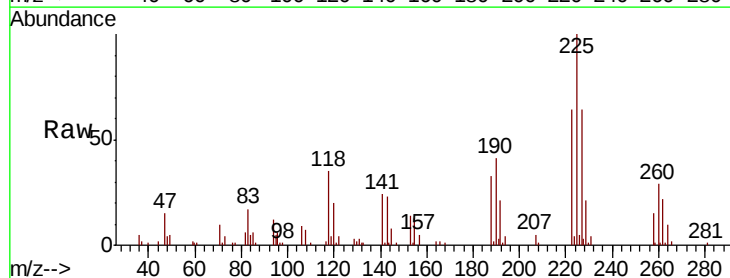


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

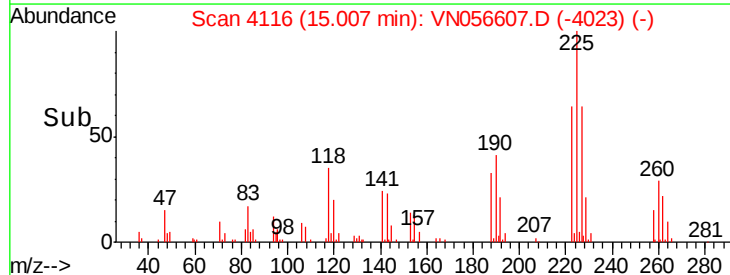
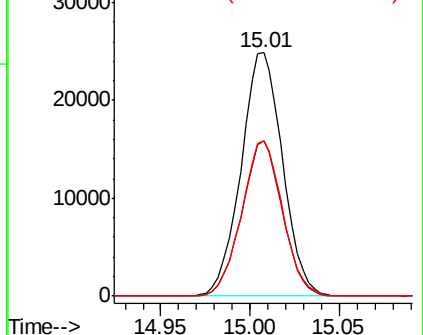


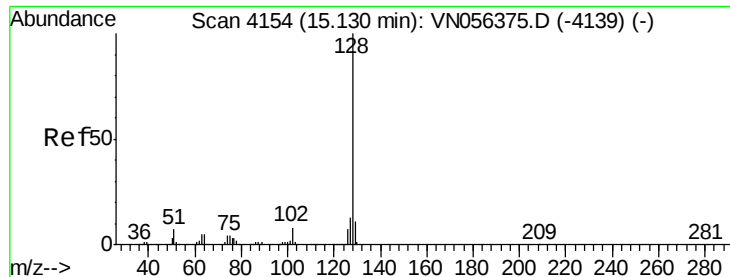
#94
Hexachlorobutadiene
Concen: 17.846 ug/l
RT: 15.01 min Scan# 4116
Delta R.T. 0.00 min
Lab File: VN056607.D
Acq: 8 Jul 2019 14:21

Tgt Ion:225 Resp: 40541
Ion Ratio Lower Upper
225 100
223 62.1 31.4 94.3
227 63.0 32.1 96.3



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





#95

Naphthalene

Concen: 20.223 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBS01

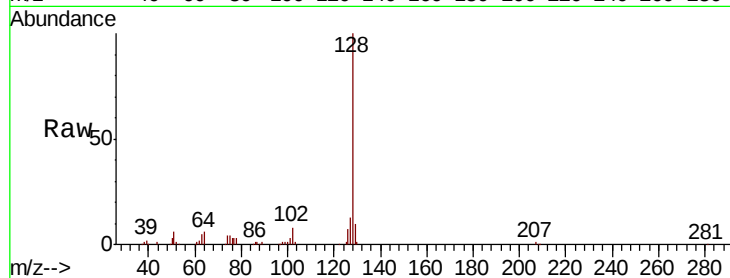
Tot Ion:128 Resp: 142994

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

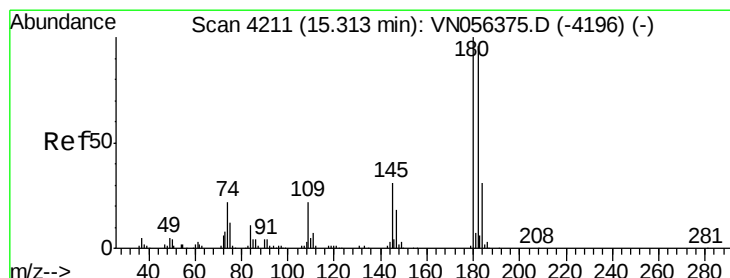
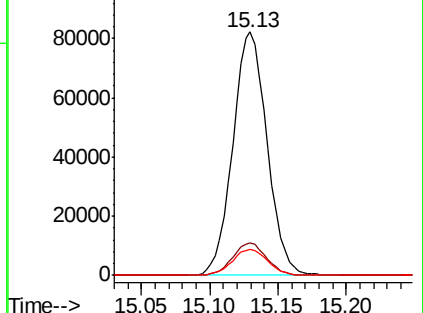
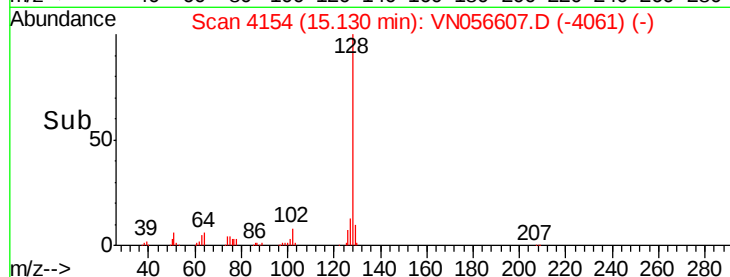
129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.383 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN056607.D

Acq: 8 Jul 2019 14:21

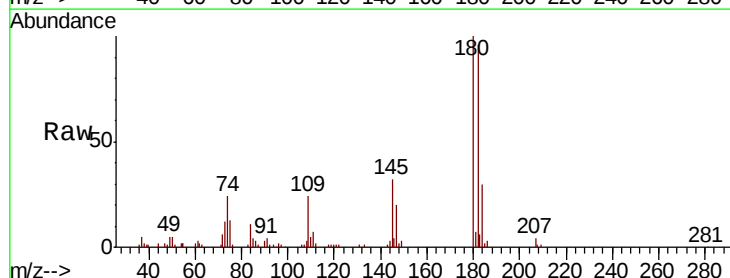
Tgt Ion:180 Resp: 59176

Ion Ratio Lower Upper

180 100

182 95.8 48.3 144.8

145 31.0 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

