

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056093.D
 Acq On : 7 Jun 2019 12:26
 Operator : JC/SP
 Sample : VN0608WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS02

Quant Time: Jun 08 05:09:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	373768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	529175	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	475566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	205507	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	168933	45.52	ug/l	0.00
Spiked Amount			Recovery	=	91.04%	
35) Dibromofluoromethane	7.59	113	151837	46.77	ug/l	0.00
Spiked Amount			Recovery	=	93.54%	
50) Toluene-d8	10.09	98	578305	46.29	ug/l	0.00
Spiked Amount			Recovery	=	92.58%	
62) 4-Bromofluorobenzene	12.40	95	196585	46.27	ug/l	0.00
Spiked Amount			Recovery	=	92.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	80245	19.758	ug/l	97
3) Chloromethane	2.06	50	80275	19.813	ug/l	96
4) Vinyl Chloride	2.18	62	80812	19.884	ug/l	98
5) Bromomethane	2.52	94	48040	18.712	ug/l	100
6) Chloroethane	2.67	64	41329	17.539	ug/l	99
7) Trichlorofluoromethane	3.00	101	102032	19.665	ug/l	98
8) Diethyl Ether	3.40	74	40455	18.961	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	66678	21.156	ug/l	99
10) Methyl Iodide	3.94	142	81030	16.178	ug/l	98
11) Tert butyl alcohol	4.82	59	63785	98.764	ug/l	98
12) 1,1-Dichloroethene	3.72	96	61408	19.571	ug/l	96
13) Acrolein	3.60	56	12998	69.783	ug/l	100
14) Allyl chloride	4.31	41	94354	19.044	ug/l	99
15) Acrylonitrile	4.99	53	174716	111.133	ug/l	100
16) Acetone	3.82	43	178785	100.727	ug/l	100
17) Carbon Disulfide	4.04	76	127606	16.985	ug/l	99
18) Methyl Acetate	4.33	43	80283	22.711	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	201699	20.167	ug/l	99
20) Methylene Chloride	4.54	84	73248	20.030	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	66117	19.666	ug/l	96
22) Diisopropyl ether	5.95	45	207012	20.212	ug/l	99
23) Vinyl Acetate	5.90	43	843354	104.562	ug/l	99
24) 1,1-Dichloroethane	5.84	63	119394	20.209	ug/l	100
25) 2-Butanone	6.84	43	245119	109.301	ug/l	99
26) 2,2-Dichloropropane	6.82	77	83877	18.194	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	78816	19.944	ug/l	97
28) Bromochloromethane	7.19	49	35192	12.596	ug/l	99
29) Tetrahydrofuran	7.22	42	156003	112.537	ug/l	100
30) Chloroform	7.37	83	119931	20.179	ug/l	100
31) Cyclohexane	7.65	56	117131	19.890	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	96151	19.374	ug/l	100
36) 1,1-Dichloropropene	7.79	75	89219	19.608	ug/l	99
37) Ethyl Acetate	6.93	43	89941	22.216	ug/l	100
38) Carbon Tetrachloride	7.77	117	82150	19.583	ug/l	95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	116948	20.632	ug/l	99
40) Benzene	8.04	78	281864	20.396	ug/l	100
41) Methacrylonitrile	7.17	41	40083	21.519	ug/l	93
42) 1,2-Dichloroethane	8.12	62	90432	20.343	ug/l	100
43) Isopropyl Acetate	8.17	43	139043	21.194	ug/l #	91
44) Trichloroethene	8.83	130	79205	19.945	ug/l	98
45) 1,2-Dichloropropane	9.12	63	74096	20.932	ug/l	100
46) Dibromomethane	9.21	93	48219	20.831	ug/l	99
47) Bromodichloromethane	9.40	83	83737	19.959	ug/l	99
48) Methyl methacrylate	9.20	41	70578	21.990	ug/l	98
49) 1,4-Dioxane	9.20	88	29750	429.345	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	462308	112.686	ug/l	99
52) Toluene	10.16	92	179023	20.818	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	85430	18.933	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	102864	20.398	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	70927	20.821	ug/l	98
56) Ethyl methacrylate	10.43	69	107459	21.623	ug/l	98
57) 1,3-Dichloropropane	10.71	76	117926	21.295	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	144534	83.864	ug/l	100
59) 2-Hexanone	10.75	43	332224	111.728	ug/l	100
60) Dibromochloromethane	10.90	129	68295	19.739	ug/l	100
61) 1,2-Dibromoethane	11.00	107	73868	21.212	ug/l	98
64) Tetrachloroethene	10.63	164	78225	19.003	ug/l	98
65) Chlorobenzene	11.43	112	193240	20.417	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	67291	20.591	ug/l	100
67) Ethyl Benzene	11.51	91	340401	20.683	ug/l	99
68) m/p-Xylenes	11.62	106	257934	41.027	ug/l	99
69) o-Xylene	11.95	106	125560	20.303	ug/l	99
70) Styrene	11.96	104	205615	20.926	ug/l	99
71) Bromoform	12.13	173	44447	18.053	ug/l #	99
73) Isopropylbenzene	12.25	105	334840	21.478	ug/l	100
74) N-amyl acetate	12.07	43	119783	21.866	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	100118	20.986	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	112529	29.758	ug/l #	100
77) Bromobenzene	12.52	156	88006	20.002	ug/l	97
78) n-propylbenzene	12.59	91	362893	20.873	ug/l	100
79) 2-Chlorotoluene	12.67	91	216765	21.138	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	275669	19.951	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	21066	18.552	ug/l #	82
82) 4-Chlorotoluene	12.77	91	210858	20.730	ug/l	100
83) tert-Butylbenzene	12.99	119	243197	21.108	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	269548	20.571	ug/l	99
85) sec-Butylbenzene	13.17	105	318683	20.698	ug/l	100
86) p-Isopropyltoluene	13.29	119	292488	21.226	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	140251	20.596	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	134571	20.543	ug/l	99
89) n-Butylbenzene	13.61	91	218945	21.449	ug/l	99
90) Hexachloroethane	13.87	117	38661	18.604	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	139879	20.346	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	14341	21.017	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

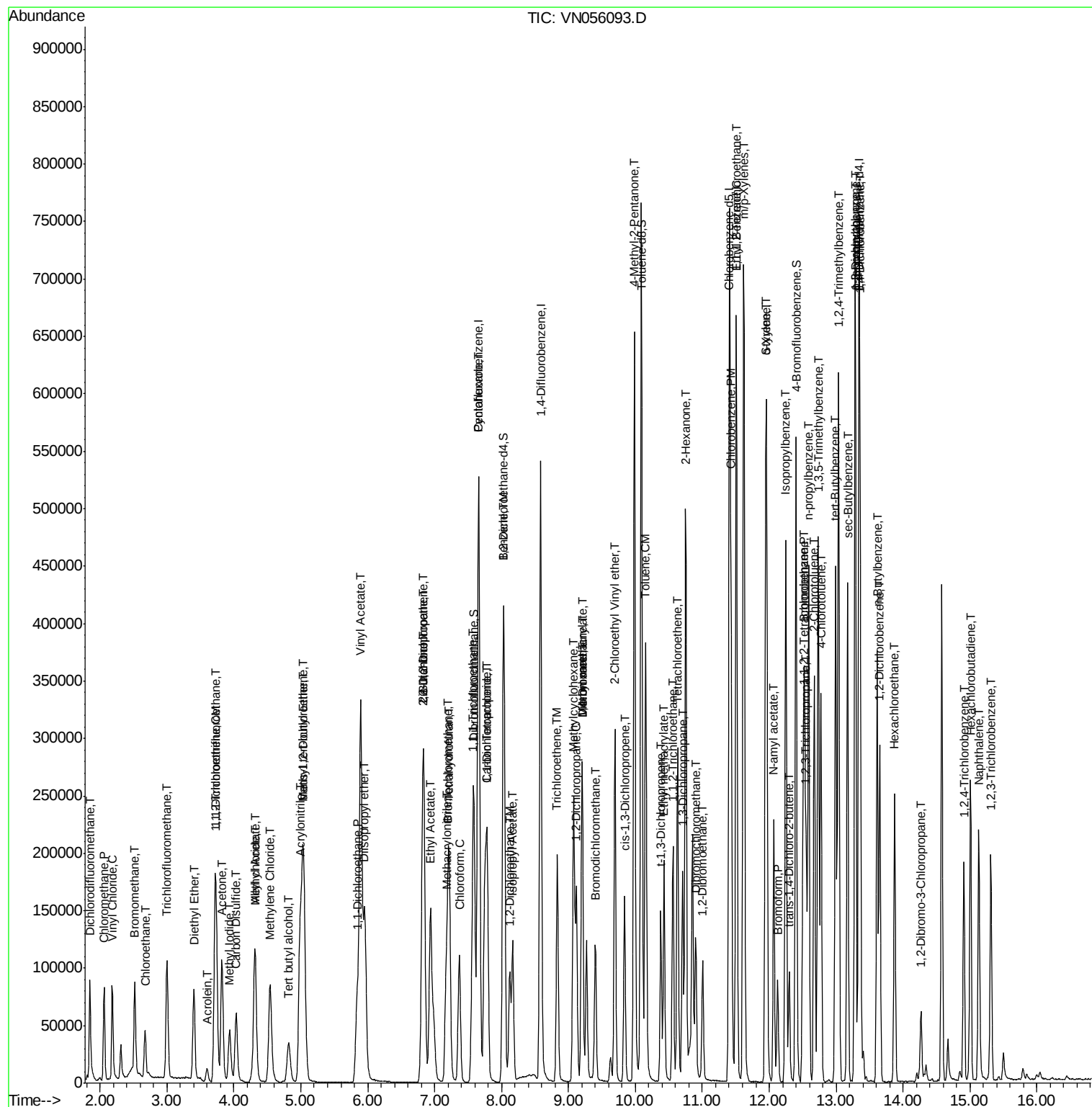
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	68486	20.803	ug/l	99
94) Hexachlorobutadiene	15.01	225	54697	22.030	ug/l	98
95) Naphthalene	15.13	128	189300	21.626	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	76394	21.617	ug/l	100

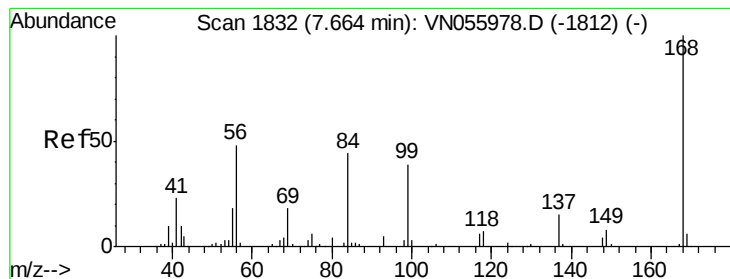
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Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056093.D

Acq: 7 Jun 2019 12:26

Instrument :

MSVOA_N

ClientSampleId :

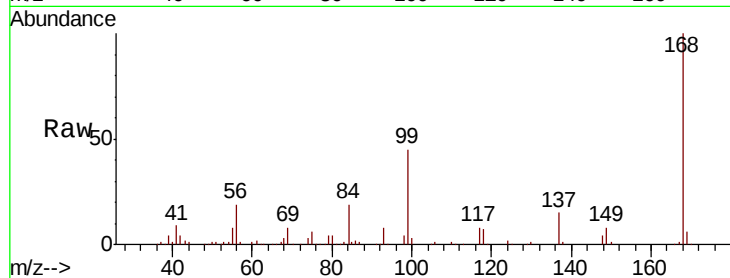
VN0608WBS02

Tot Ion:168 Resp: 373768

Ion Ratio Lower Upper

168 100

99 44.5 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.66

150000

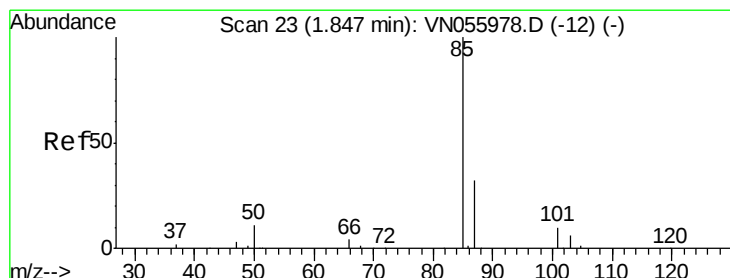
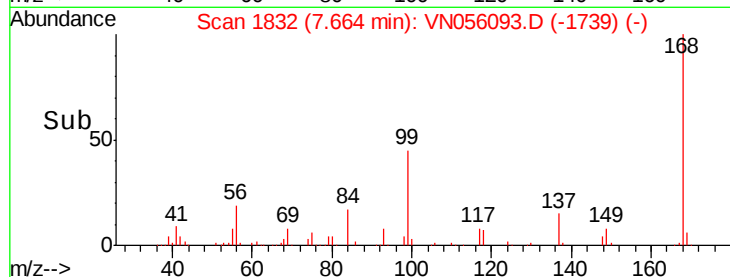
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.758 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056093.D

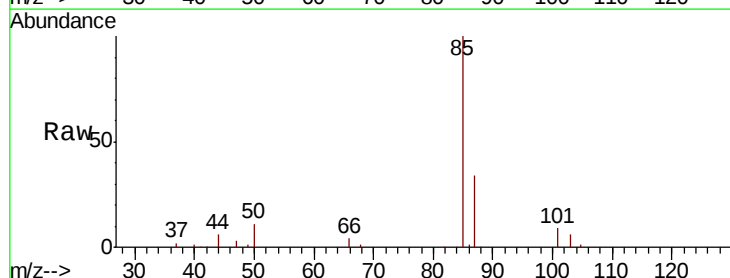
Acq: 7 Jun 2019 12:26

Tgt Ion: 85 Resp: 80245

Ion Ratio Lower Upper

85 100

87 33.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN055978.D (-12) (-)

Ion 86.90 (86.60 to 87.60): VN055978.D (-12) (-)

1.85

50000

40000

30000

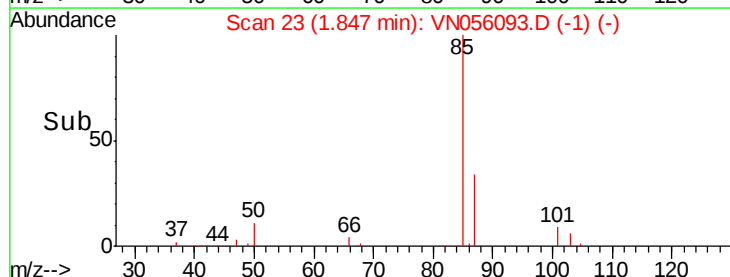
20000

10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 19.813 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056093.D

Acq: 7 Jun 2019 12:26

Instrument :

MSVOA_N

ClientSampleId :

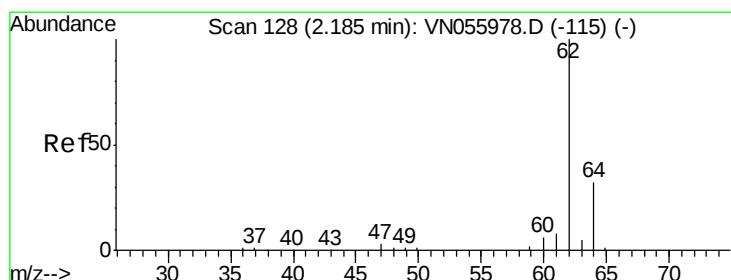
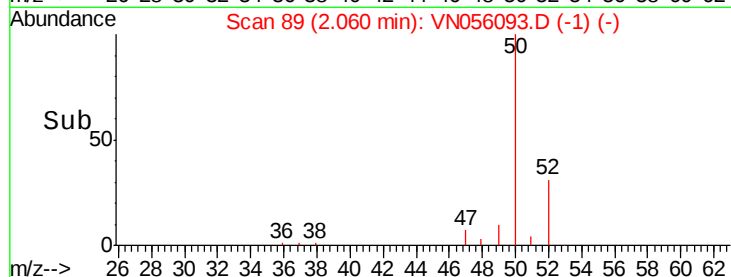
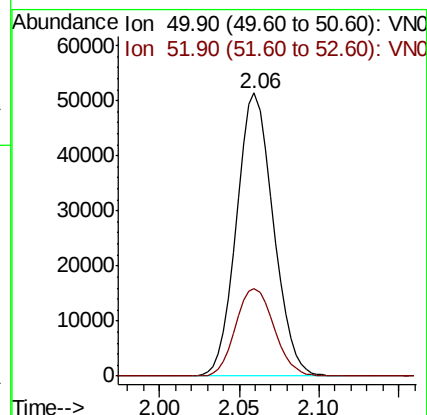
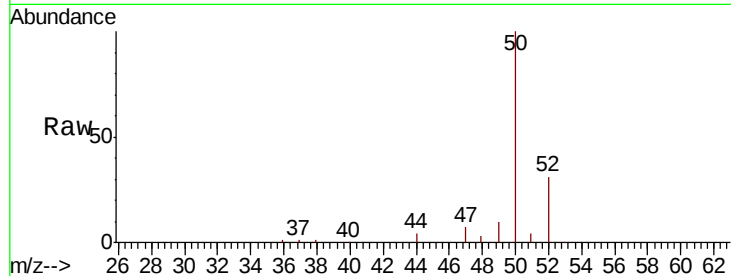
VN0608WBS02

Tot Ion: 50 Resp: 80275

Ion Ratio Lower Upper

50 100

52 30.9 26.6 40.0



#4

Vinyl Chloride

Concen: 19.884 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056093.D

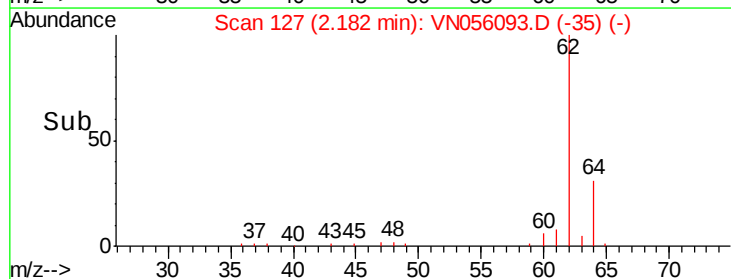
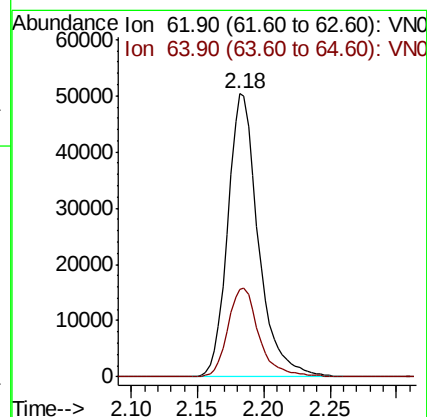
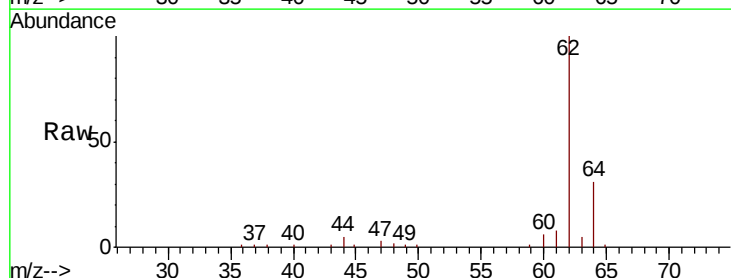
Acq: 7 Jun 2019 12:26

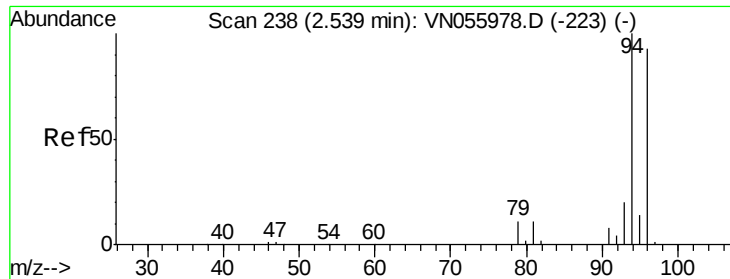
Tgt Ion: 62 Resp: 80812

Ion Ratio Lower Upper

62 100

64 31.1 25.6 38.4

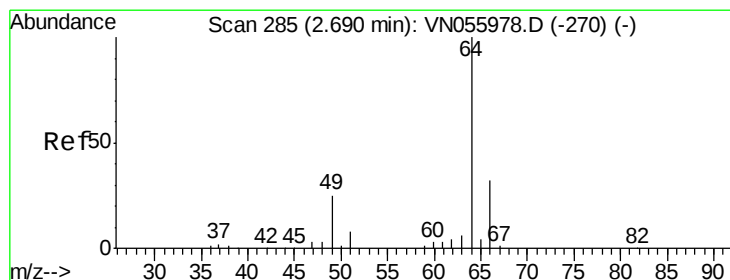
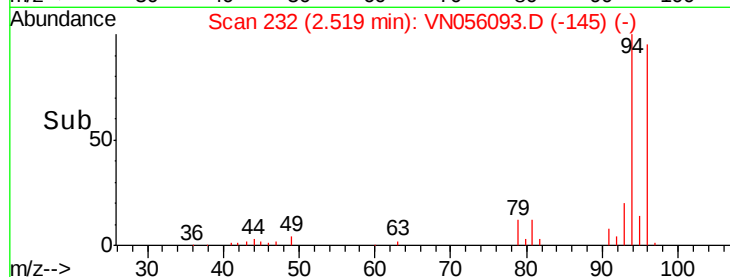
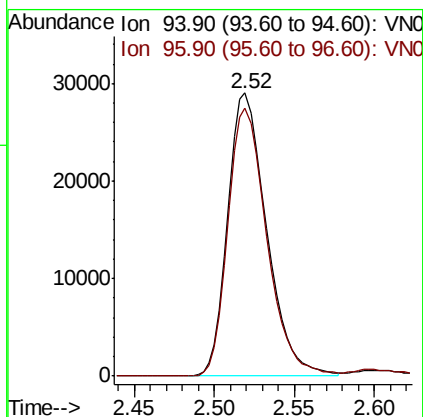
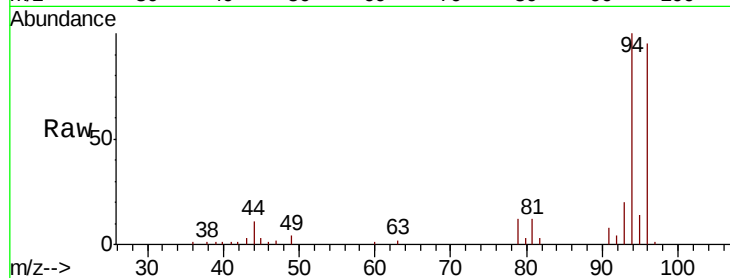




#5
Bromomethane
Concen: 18.712 ug/l
RT: 2.52 min Scan# 232
Delta R.T. -0.02 min
Lab File: VN056093.D
Acq: 7 Jun 2019 12:26

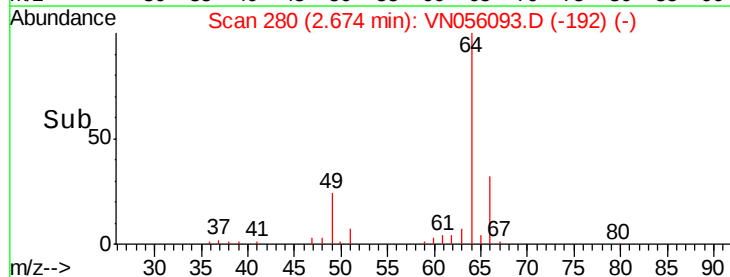
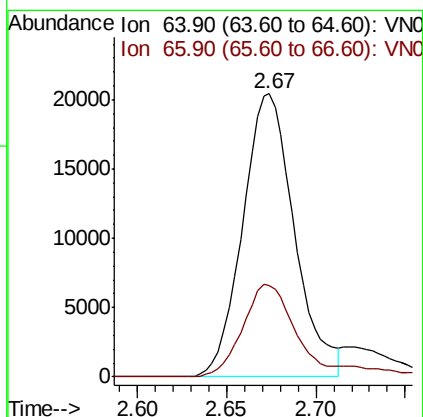
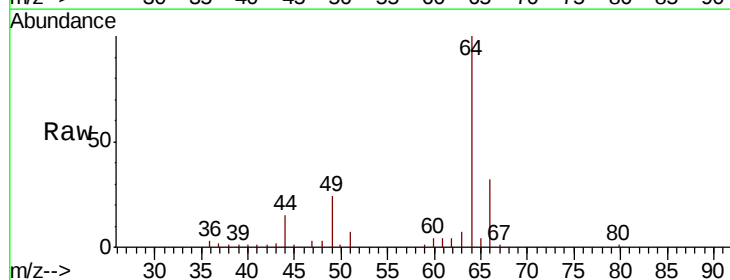
Instrument :
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VN0608WBS02

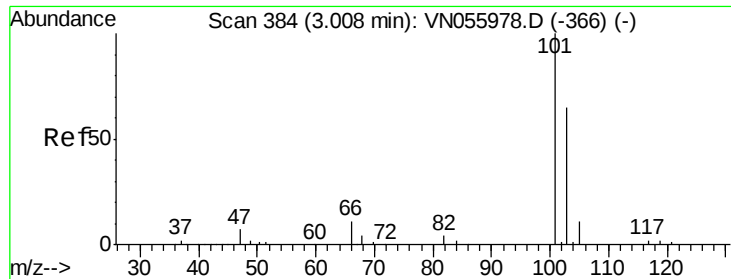
Tot Ion: 94 Resp: 48040
Ion Ratio Lower Upper
94 100
96 94.6 75.5 113.3



#6
Chloroethane
Concen: 17.539 ug/l
RT: 2.67 min Scan# 280
Delta R.T. -0.02 min
Lab File: VN056093.D
Acq: 7 Jun 2019 12:26

Tgt Ion: 64 Resp: 41329
Ion Ratio Lower Upper
64 100
66 32.4 25.4 38.0



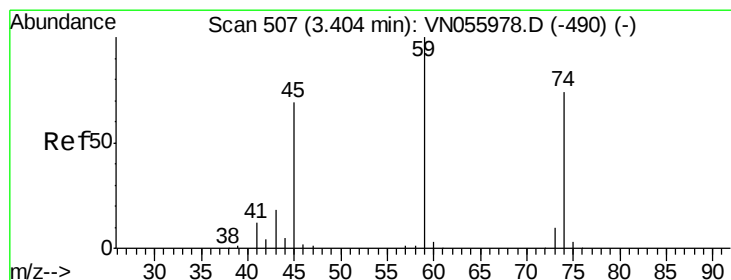
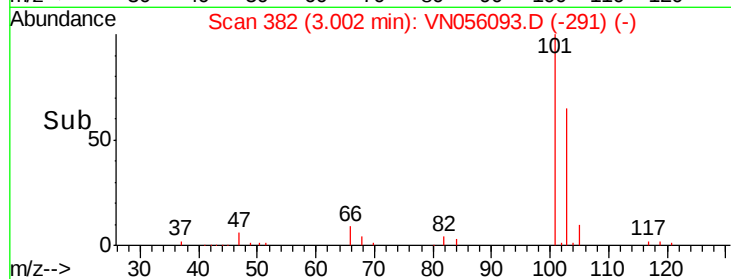
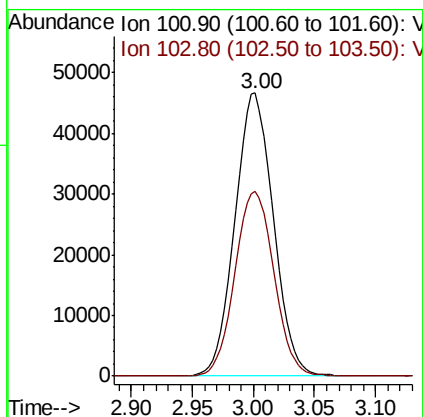
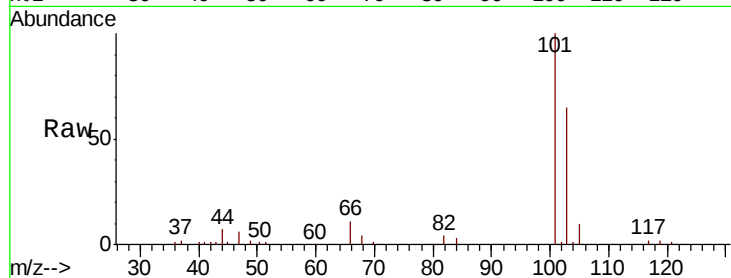


#7

Trichlorofluoromethane
 Concen: 19.665 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.01 min
 Lab File: VN056093.D
 Acq: 7 Jun 2019 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS02

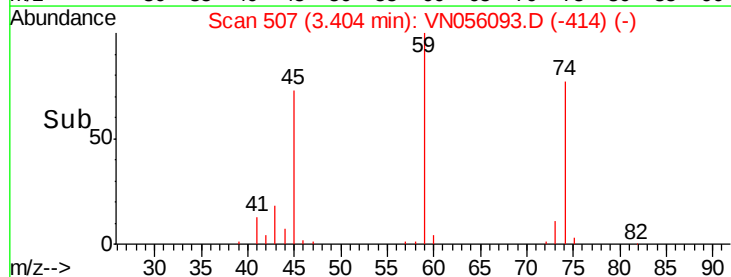
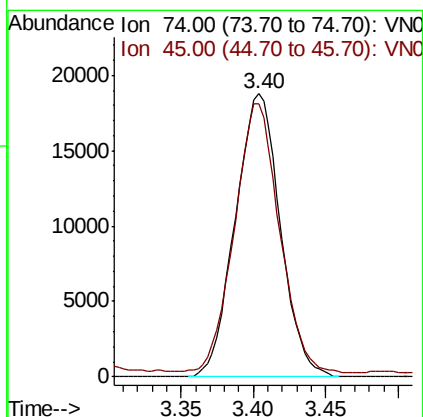
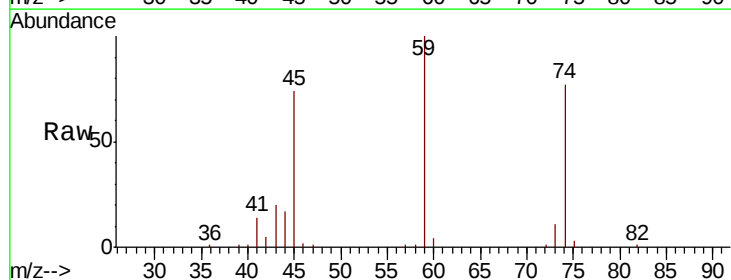
Tot Ion:101 Resp: 102032
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.2 76.8



#8

Diethyl Ether
 Concen: 18.961 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: VN056093.D
 Acq: 7 Jun 2019 12:26

Tgt Ion: 74 Resp: 40455
 Ion Ratio Lower Upper
 74 100
 45 94.9 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.156 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.01 min

Lab File: VN056093.D

Acq: 7 Jun 2019 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS02

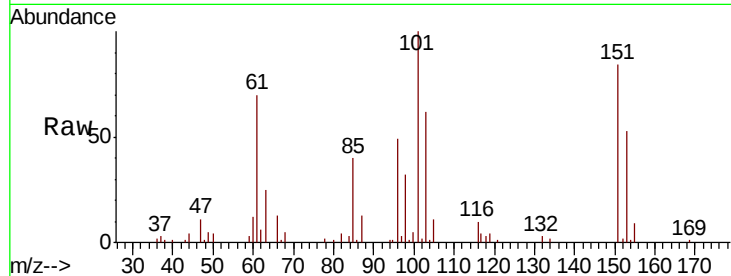
Tot Ion:101 Resp: 66678

Ion Ratio Lower Upper

101 100

85 41.3 33.4 50.2

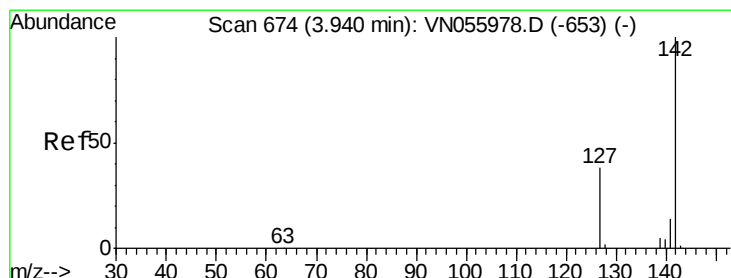
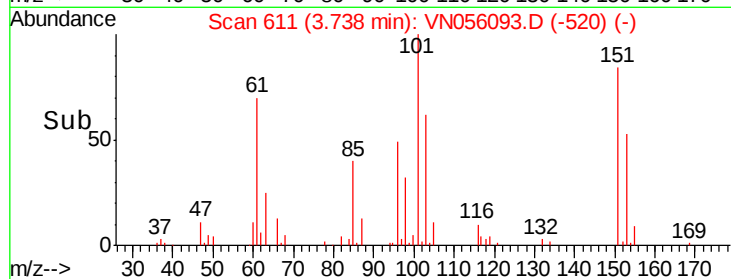
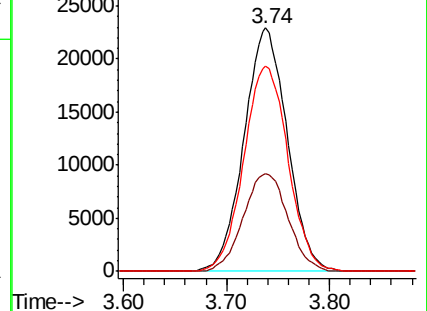
151 86.3 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.178 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN056093.D

Acq: 7 Jun 2019 12:26

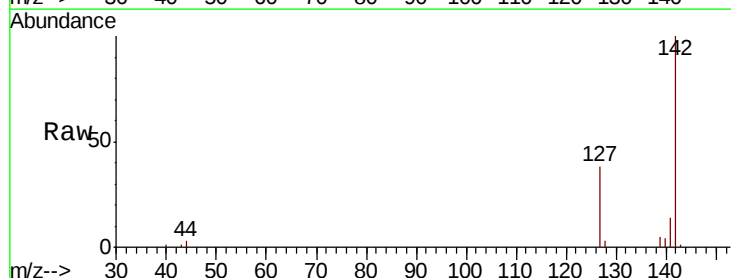
Tgt Ion:142 Resp: 81030

Ion Ratio Lower Upper

142 100

127 37.4 31.0 46.4

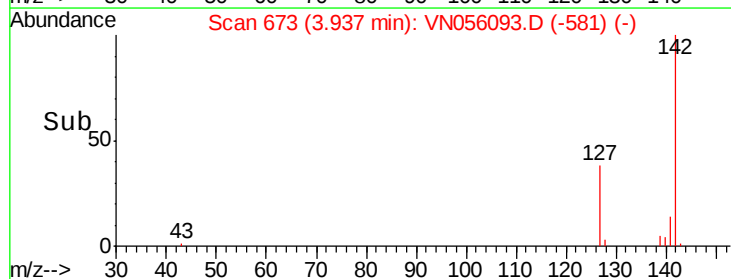
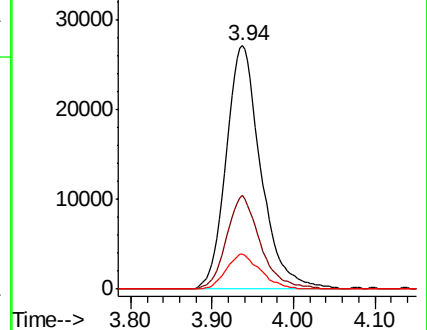
141 14.2 11.4 17.0

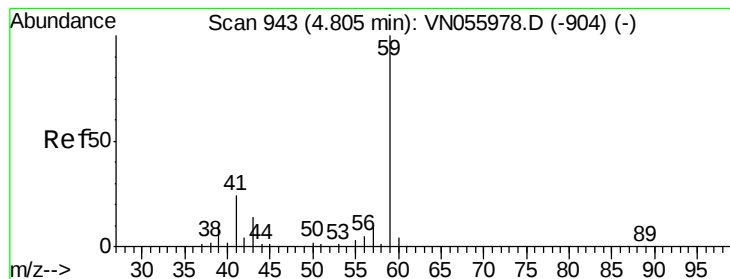


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



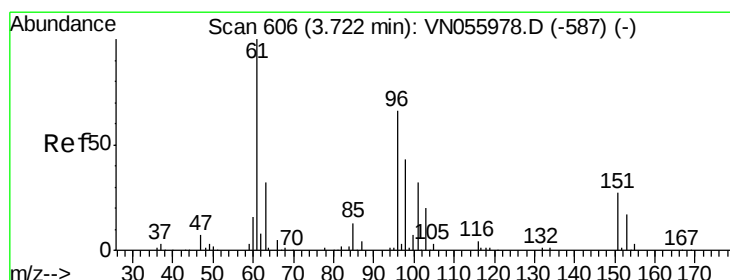
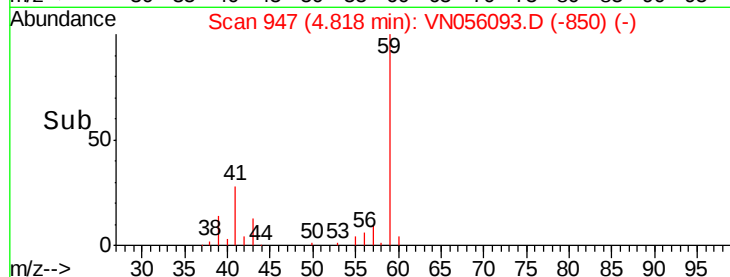
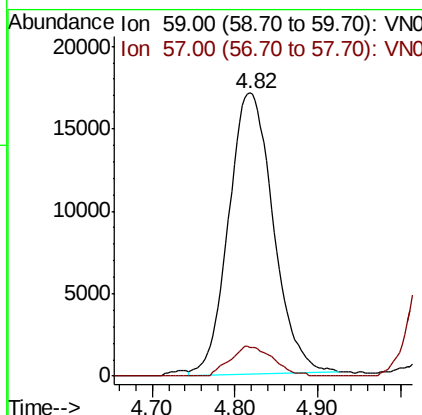
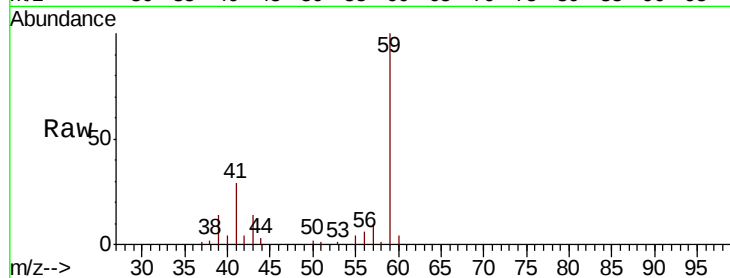


#11

Tert butyl alcohol
 Concen: 98.764 ug/l
 RT: 4.82 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: VN056093.D
 Acq: 7 Jun 2019 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS02

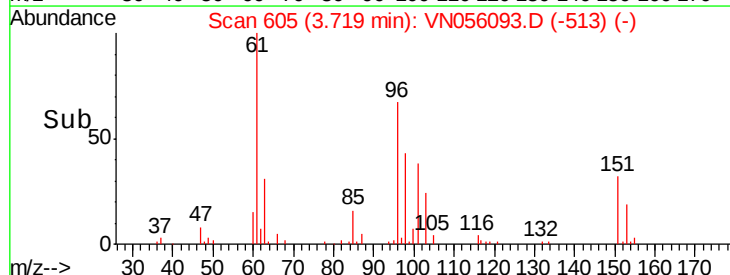
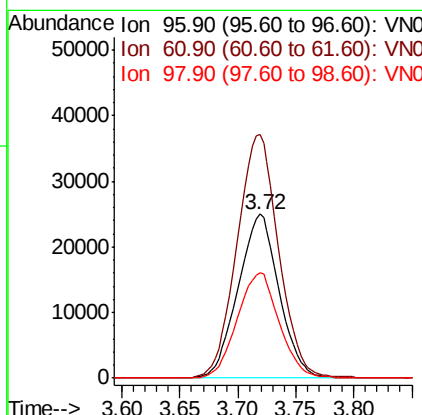
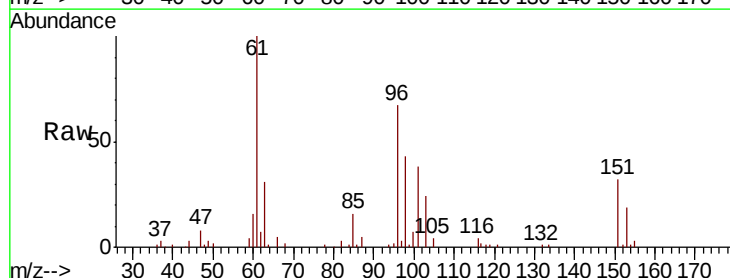
Tot Ion: 59 Resp: 63785
 Ion Ratio Lower Upper
 59 100
 57 10.3 7.8 11.6

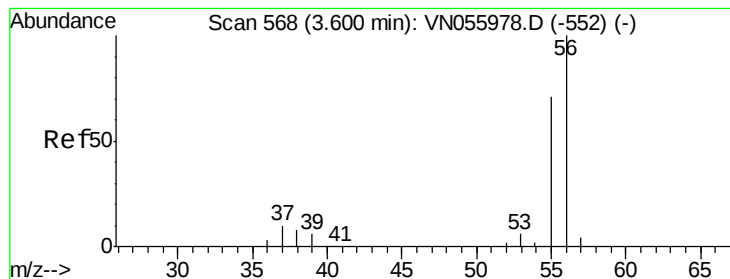


#12

1,1-Dichloroethene
 Concen: 19.571 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VN056093.D
 Acq: 7 Jun 2019 12:26

Tgt Ion: 96 Resp: 61408
 Ion Ratio Lower Upper
 96 100
 61 148.7 123.2 184.8
 98 64.5 50.4 75.6





#13

Acrolein

Concen: 69.783 ug/l

RT: 3.60 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN056093.D

Acq: 7 Jun 2019 12:26

Instrument :

MSVOA_N

ClientSampleId :

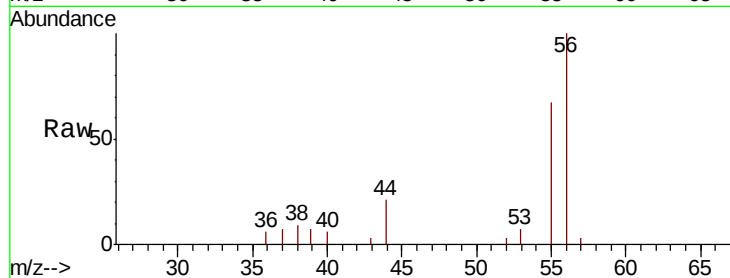
VN0608WBS02

Tot Ion: 56 Resp: 12998

Ion Ratio Lower Upper

56 100

55 69.4 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.60

6000

5000

4000

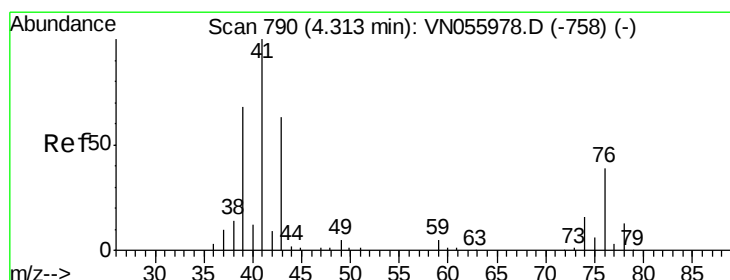
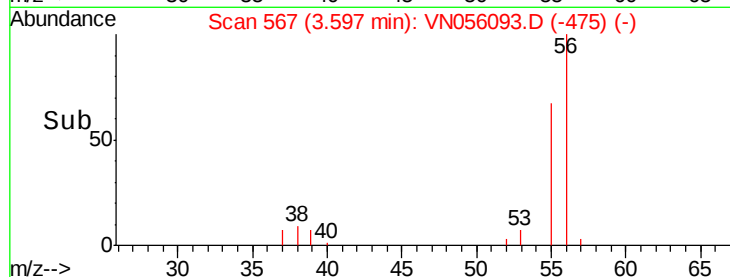
3000

2000

1000

0

Time--> 3.50 3.55 3.60 3.65



#14

Allyl chloride

Concen: 19.044 ug/l

RT: 4.31 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN056093.D

Acq: 7 Jun 2019 12:26

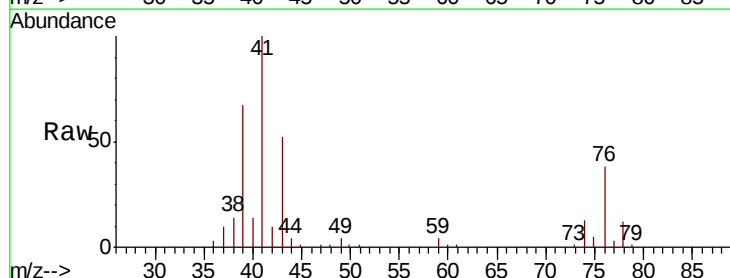
Tgt Ion: 41 Resp: 94354

Ion Ratio Lower Upper

41 100

39 63.3 50.0 75.0

76 34.3 28.2 42.2



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

4.31

40000

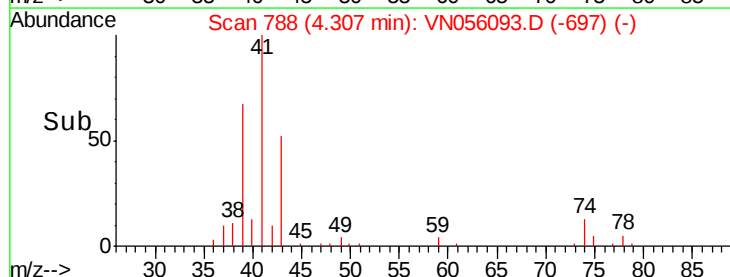
30000

20000

10000

0

Time--> 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 111.133 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056093.D

Acq: 7 Jun 2019 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS02

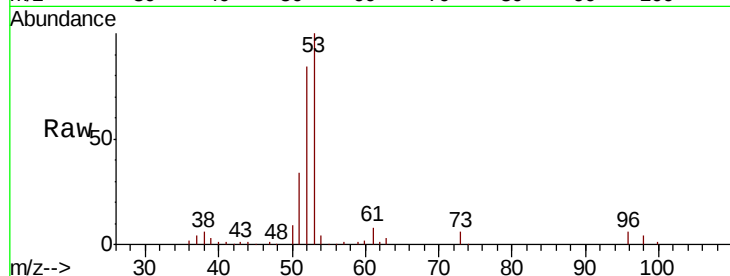
Tot Ion: 53 Resp: 174716

Ion Ratio Lower Upper

53 100

52 82.2 65.8 98.8

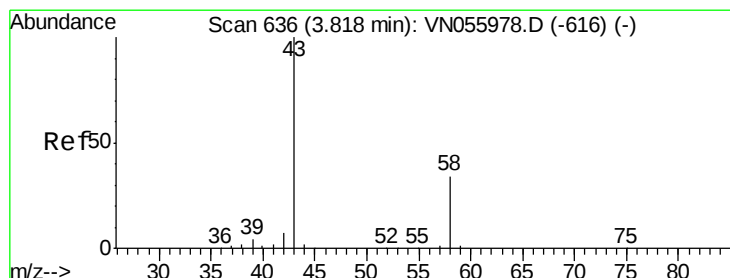
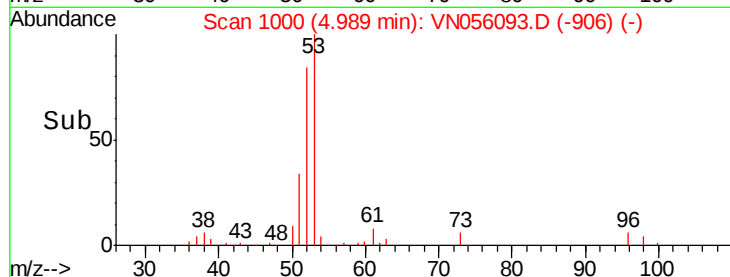
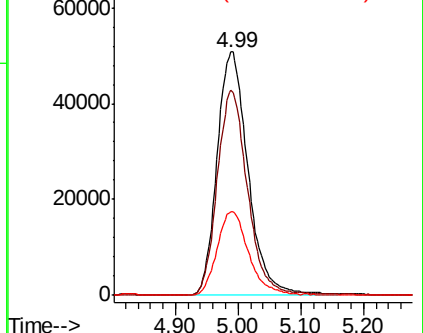
51 34.9 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 100.727 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056093.D

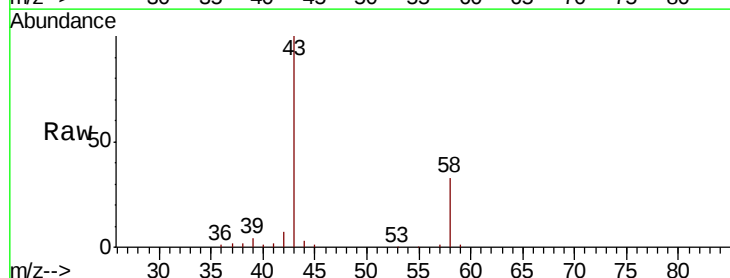
Acq: 7 Jun 2019 12:26

Tgt Ion: 43 Resp: 178785

Ion Ratio Lower Upper

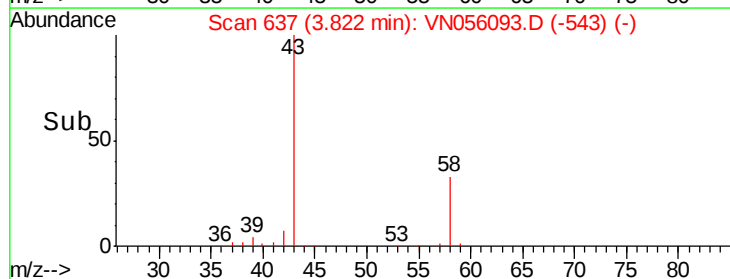
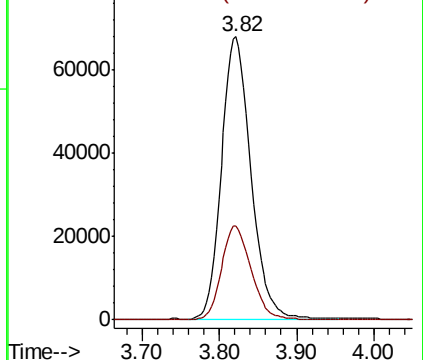
43 100

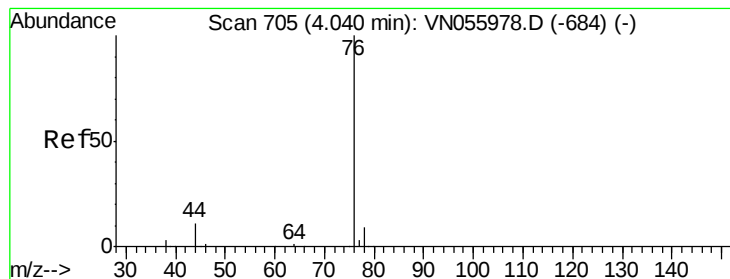
58 33.2 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 16.985 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN056093.D

Acq: 7 Jun 2019 12:26

Instrument :

MSVOA_N

ClientSampleId :

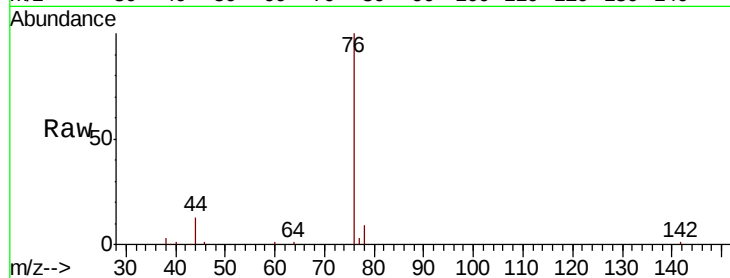
VN0608WBS02

Tot Ion: 76 Resp: 127606

Ion Ratio Lower Upper

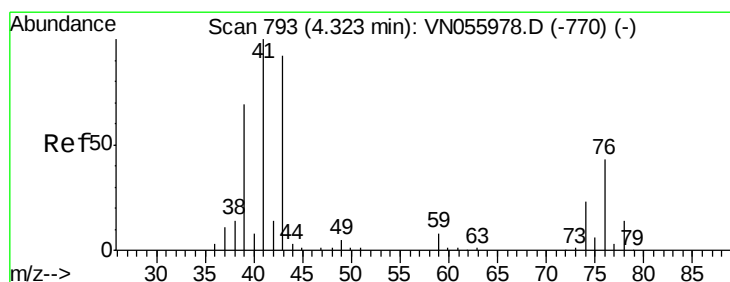
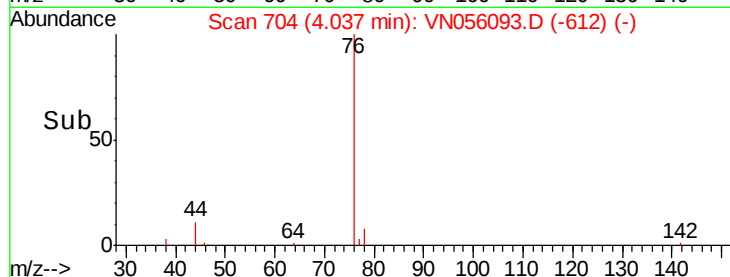
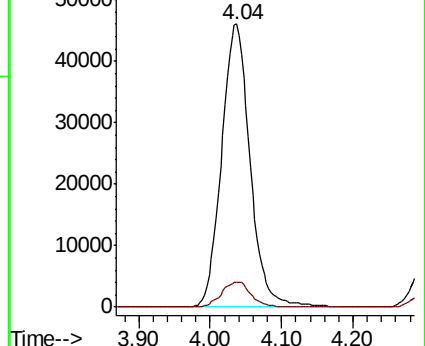
76 100

78 8.8 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 22.711 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN056093.D

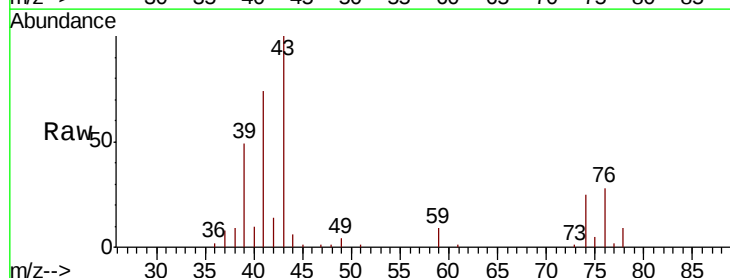
Acq: 7 Jun 2019 12:26

Tgt Ion: 43 Resp: 80283

Ion Ratio Lower Upper

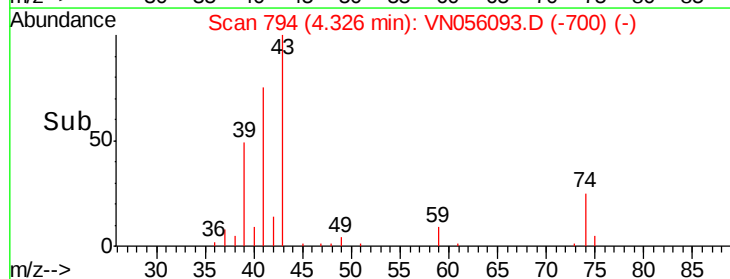
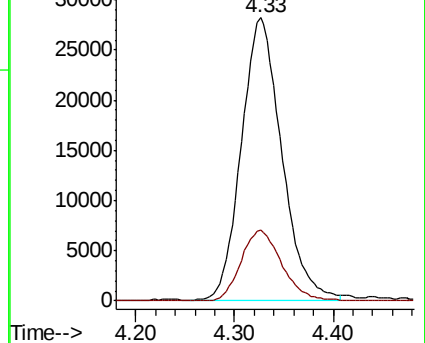
43 100

74 24.8 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

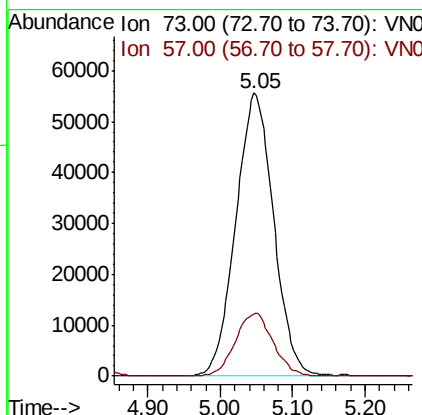
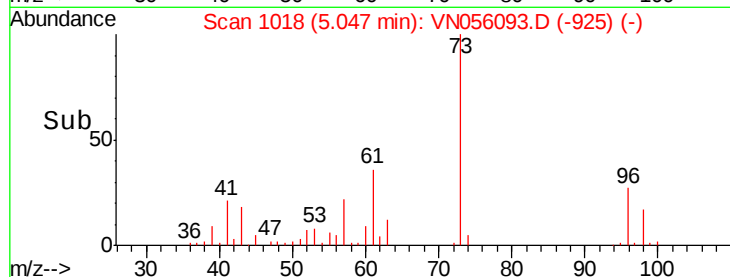
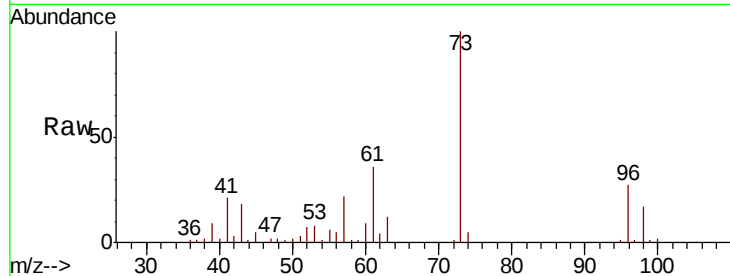




#19
Methvl tert-butvl Ether
Concen: 20.167 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN056093.D
Acq: 7 Jun 2019 12:26

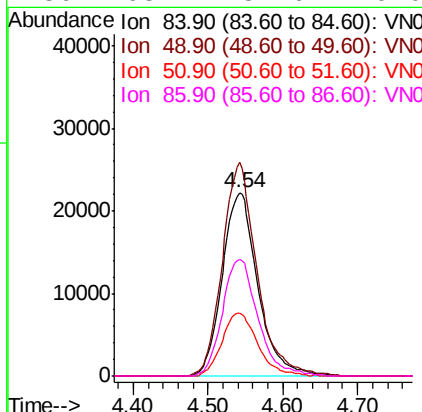
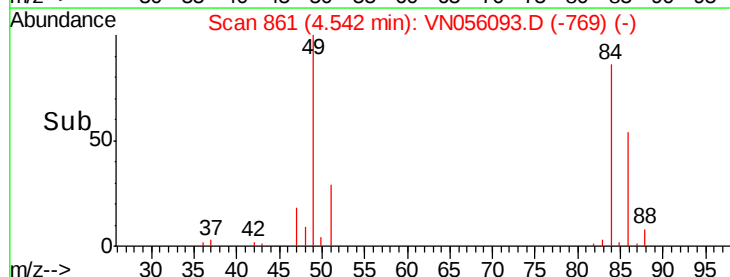
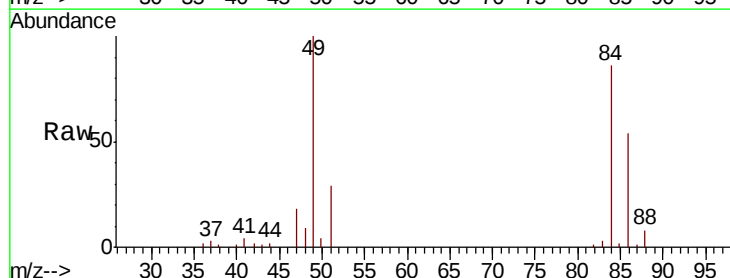
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS02

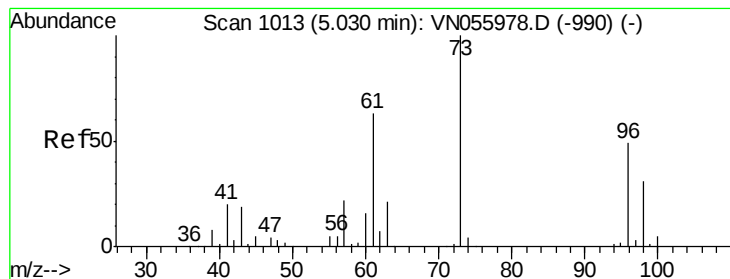
Tot Ion: 73 Resp: 201699
Ion Ratio Lower Upper
73 100
57 22.0 17.8 26.8



#20
Methylene Chloride
Concen: 20.030 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056093.D
Acq: 7 Jun 2019 12:26

Tgt Ion: 84 Resp: 73248
Ion Ratio Lower Upper
84 100
49 116.5 93.5 140.3
51 34.2 28.6 43.0
86 63.2 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 19.666 ug/l

RT: 5.03 min Scan# 1012

Delta R.T. -0.00 min

Lab File: VN056093.D

Acq: 7 Jun 2019 12:26

Instrument :

MSVOA_N

ClientSampled :

VN0608WBS02

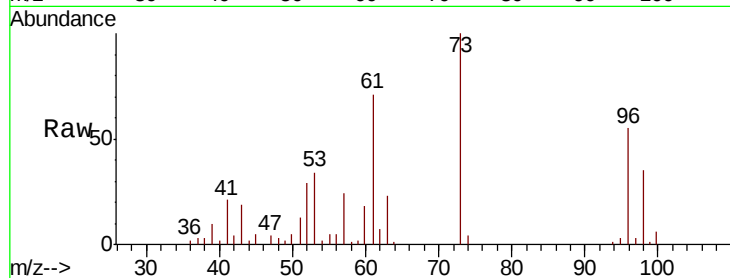
Tot Ion: 96 Resp: 66117

Ion Ratio Lower Upper

96 100

61 129.4 107.8 161.8

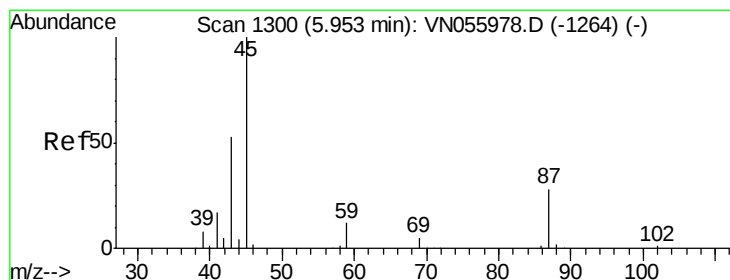
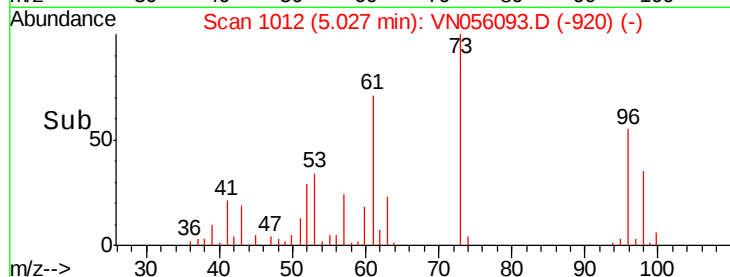
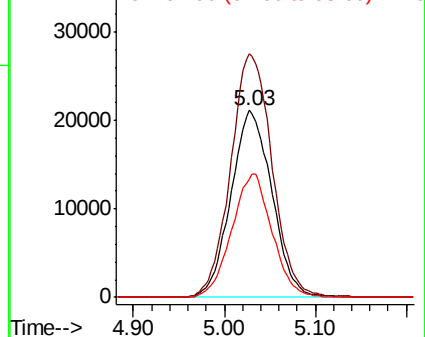
98 63.5 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 20.212 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN056093.D

Acq: 7 Jun 2019 12:26

Tgt Ion: 45 Resp: 207012

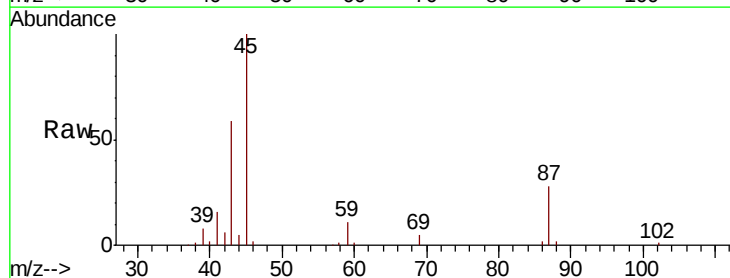
Ion Ratio Lower Upper

45 100

43 57.1 45.0 67.6

87 28.0 22.2 33.4

59 11.3 9.1 13.7

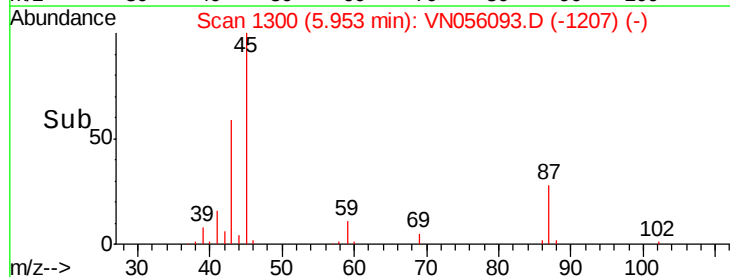
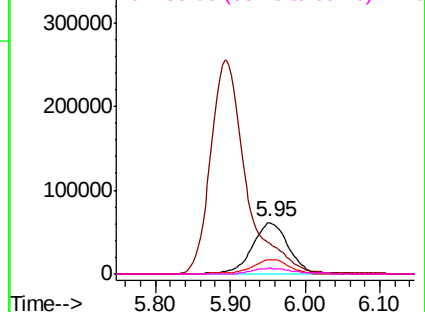


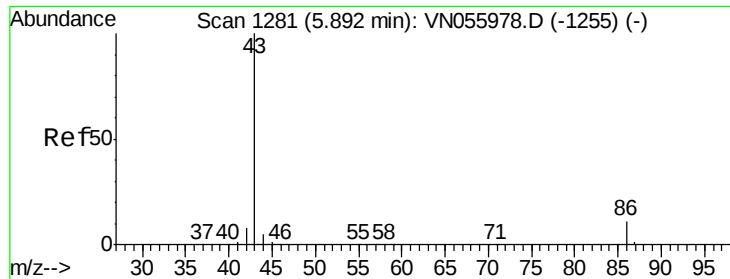
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

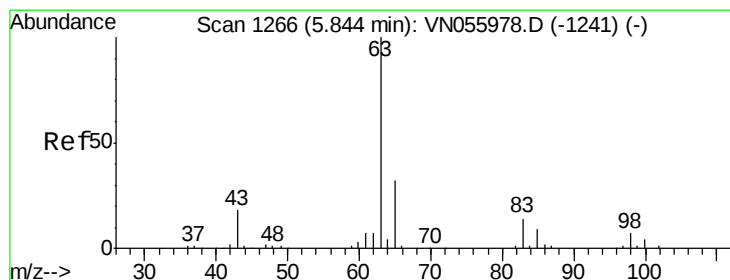
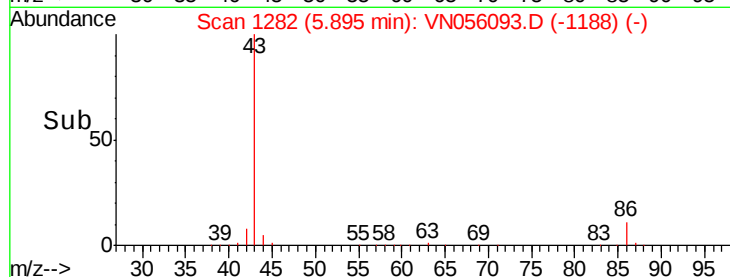
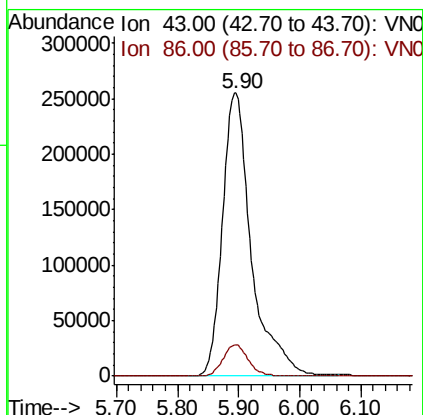
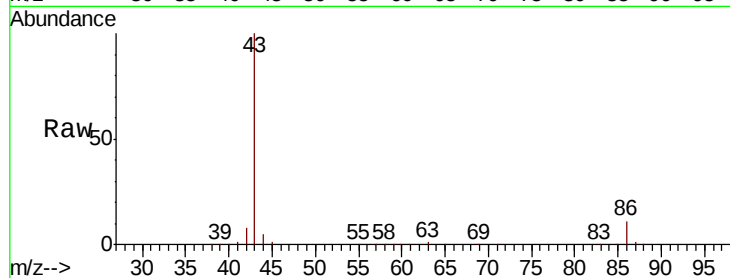




#23
 Vinyl Acetate
 Concen: 104.562 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN056093.D
 Acq: 7 Jun 2019 12:26

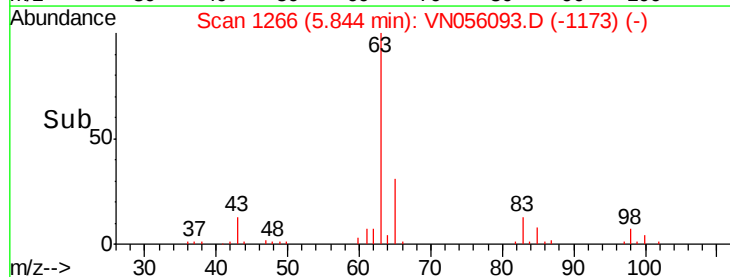
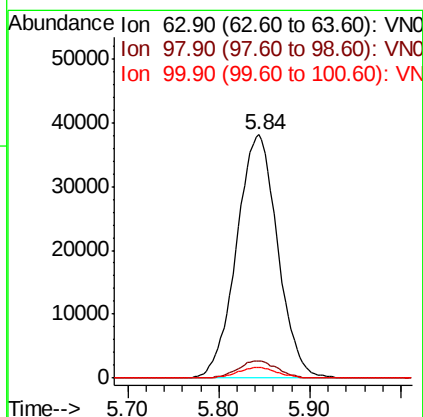
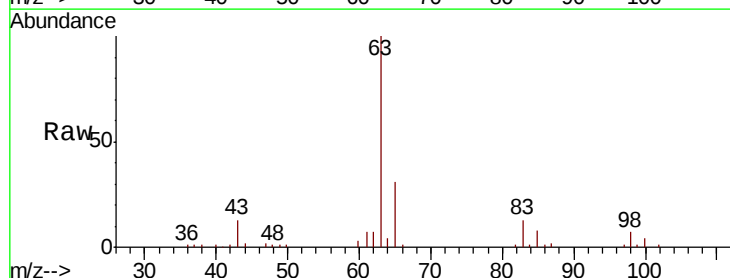
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS02

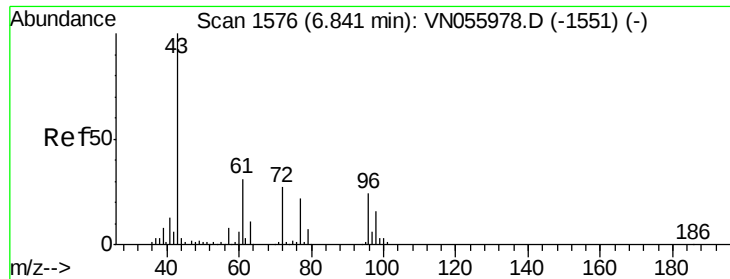
Tot Ion: 43 Resp: 843354
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 20.209 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN056093.D
 Acq: 7 Jun 2019 12:26

Tgt Ion: 63 Resp: 119394
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.1
 100 4.4 2.2 6.6

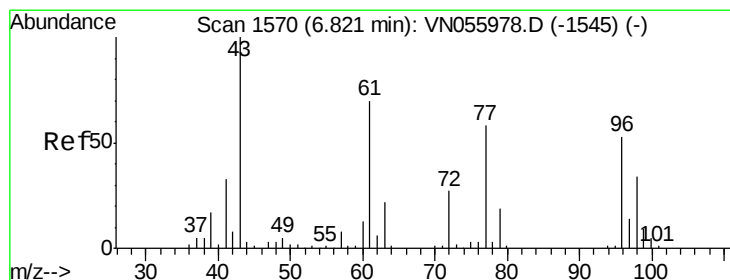
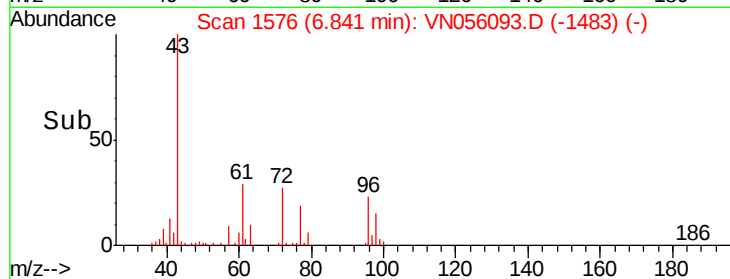
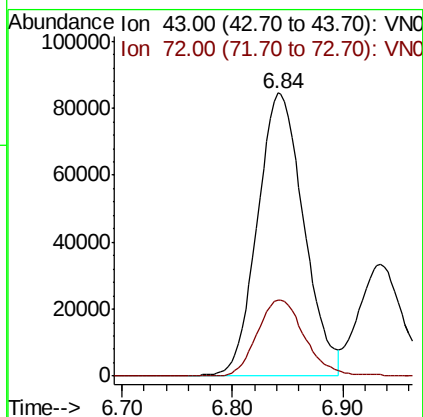
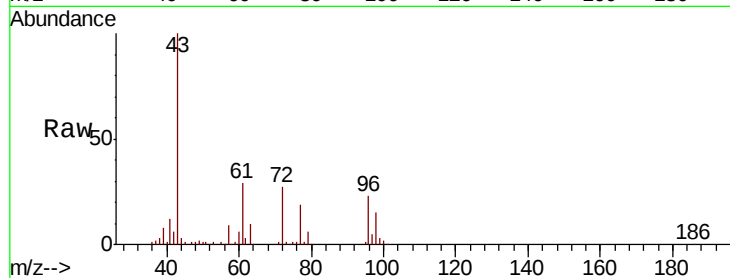




#25
2-Butanone
Concen: 109.301 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN056093.D
Acq: 7 Jun 2019 12:26

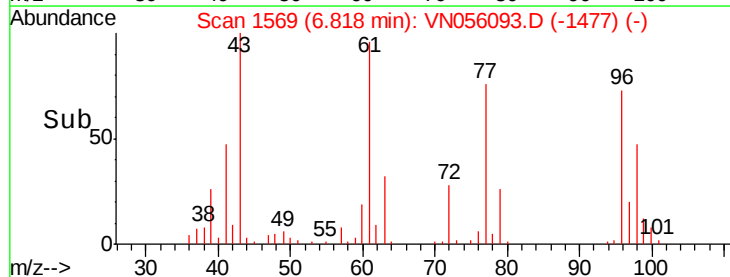
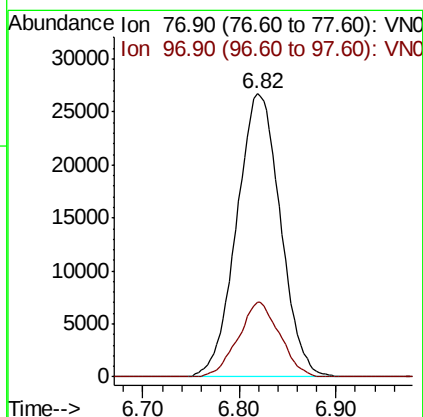
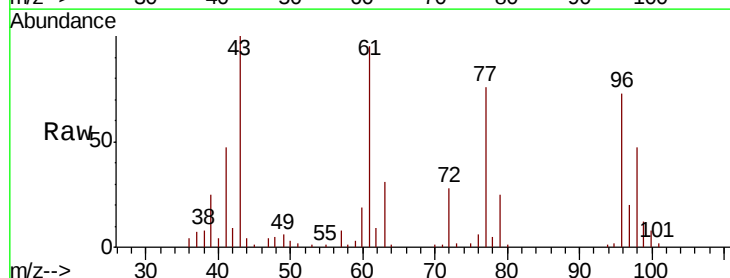
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS02

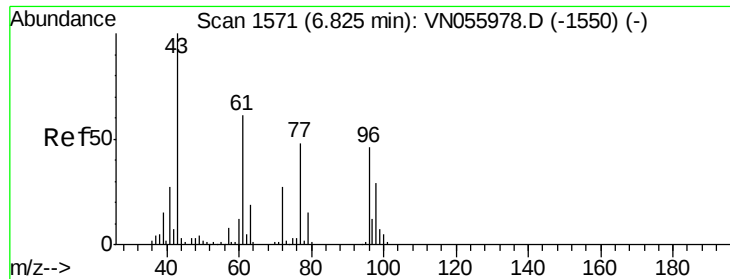
Tot Ion: 43 Resp: 245119
Ion Ratio Lower Upper
43 100
72 26.9 21.9 32.9



#26
2,2-Dichloropropane
Concen: 18.194 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN056093.D
Acq: 7 Jun 2019 12:26

Tgt Ion: 77 Resp: 83877
Ion Ratio Lower Upper
77 100
97 25.0 12.2 36.6

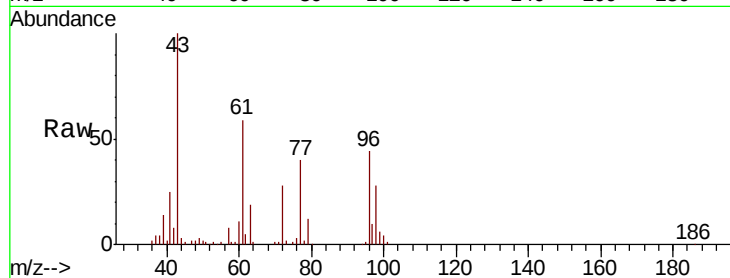




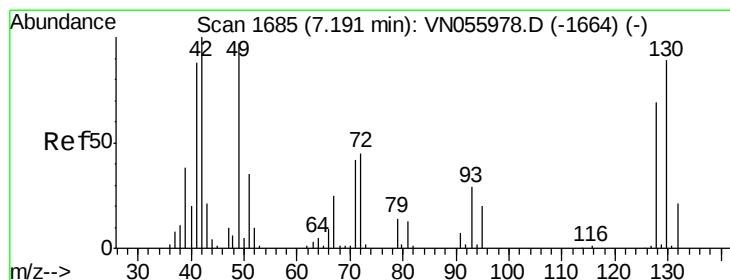
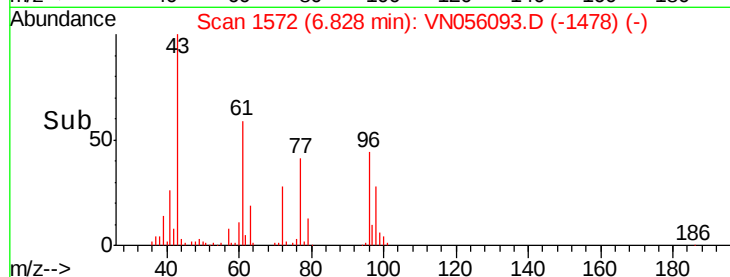
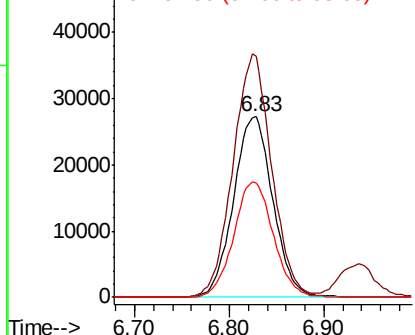
#27
 cis-1,2-Dichloroethene
 Concen: 19.944 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN056093.D
 Acq: 7 Jun 2019 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS02

Tot Ion: 96 Resp: 78816
 Ion Ratio Lower Upper
 96 100
 61 132.5 0.0 275.8
 98 64.3 0.0 128.4

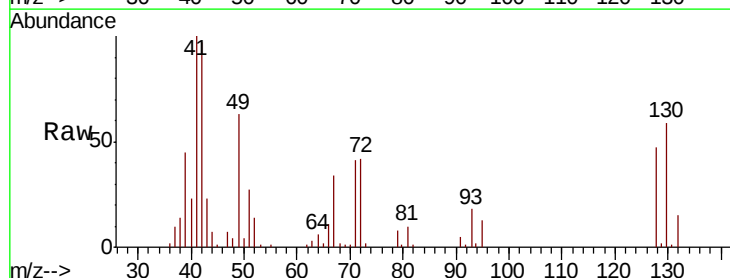


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

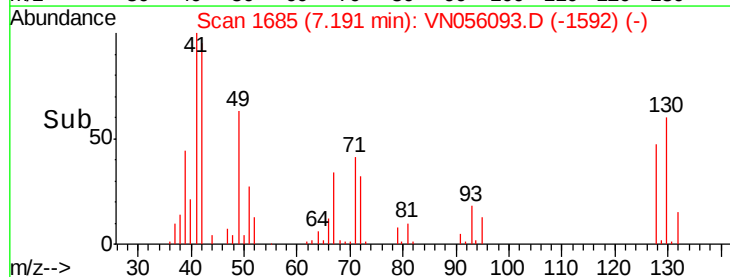
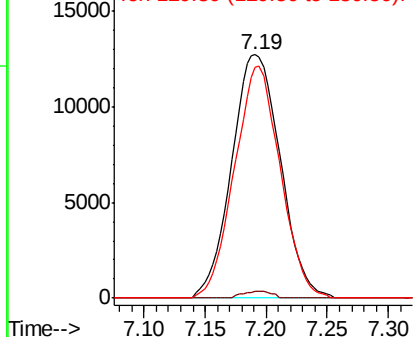


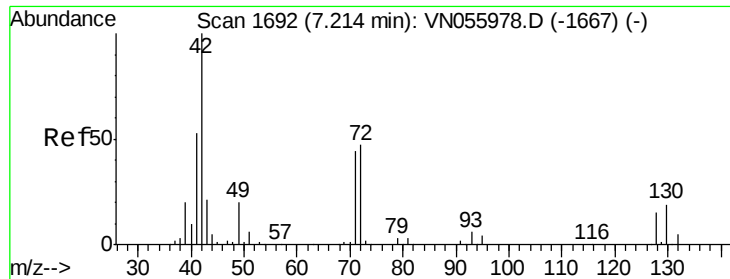
#28
 Bromochloromethane
 Concen: 12.596 ug/l
 RT: 7.19 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: VN056093.D
 Acq: 7 Jun 2019 12:26

Tgt Ion: 49 Resp: 35192
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.4
 130 89.5 71.2 106.8



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

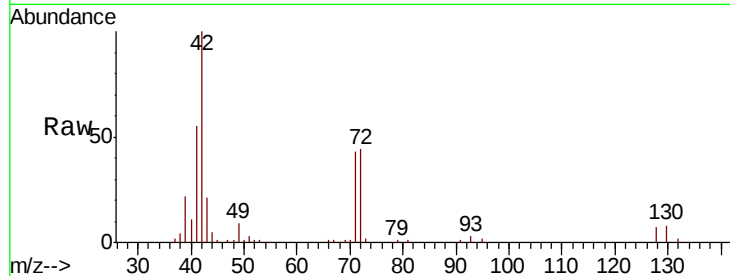




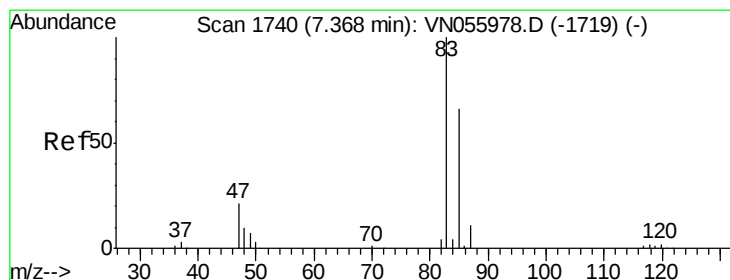
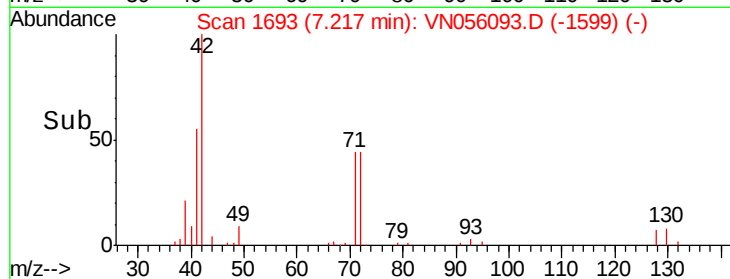
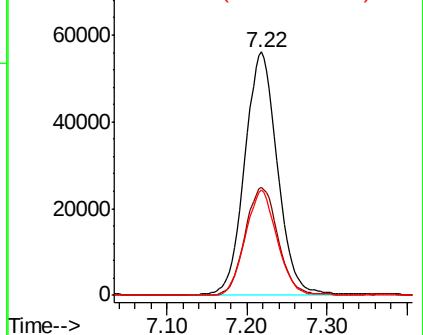
#29
Tetrahydrofuran
Concen: 112.537 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056093.D
Acq: 7 Jun 2019 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS02

Tot Ion: 42 Resp: 156003
Ion Ratio Lower Upper
42 100
72 44.8 35.9 53.9
71 42.1 34.0 51.0

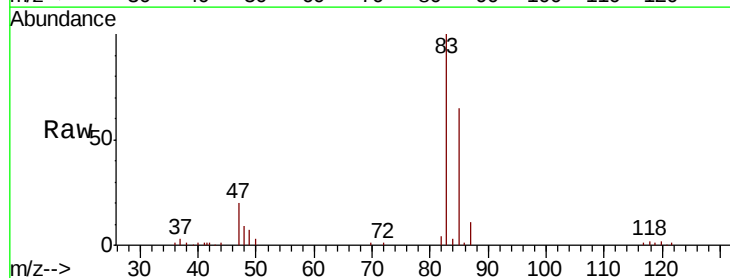


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

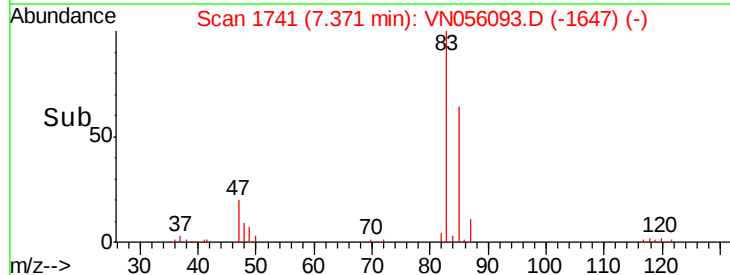
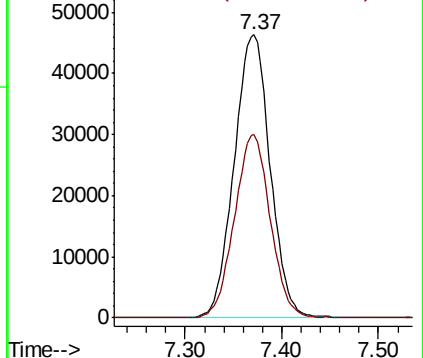


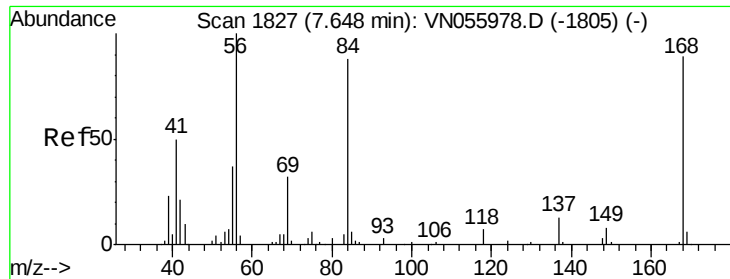
#30
Chloroform
Concen: 20.179 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056093.D
Acq: 7 Jun 2019 12:26

Tgt Ion: 83 Resp: 119931
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.8



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

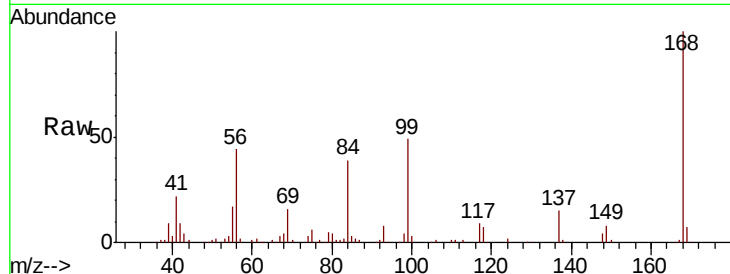




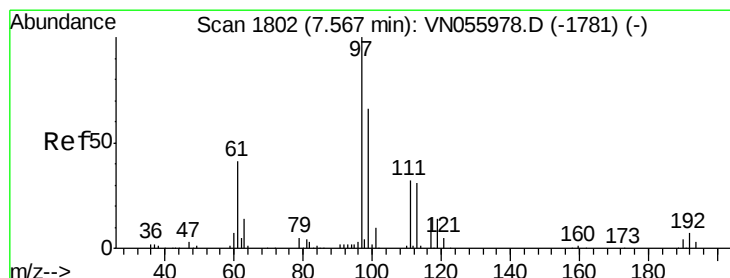
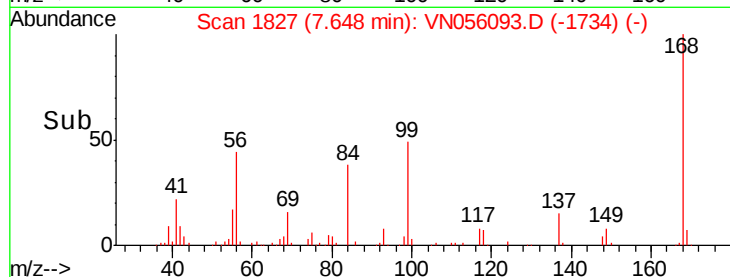
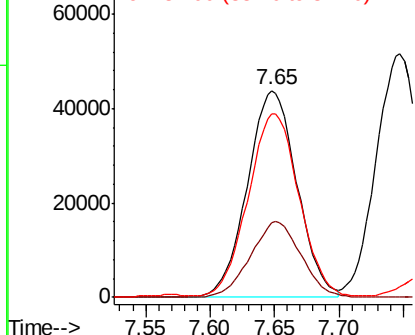
#31
Cyclohexane
Concen: 19.890 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN056093.D
Acq: 7 Jun 2019 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS02

Tot Ion: 56 Resp: 117131
Ion Ratio Lower Upper
56 100
69 35.9 25.6 38.4
84 87.6 67.4 101.0

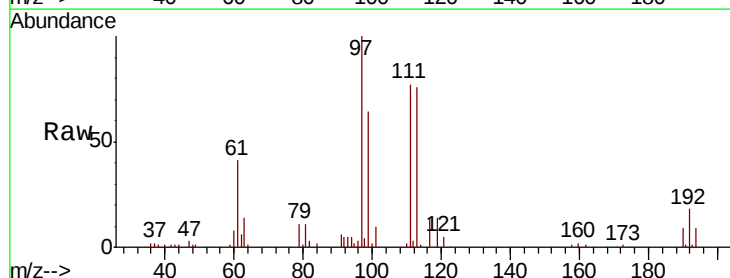


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

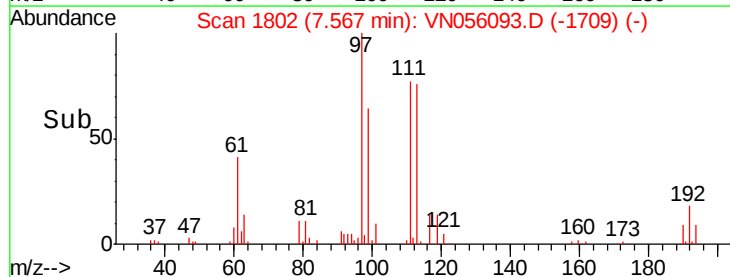
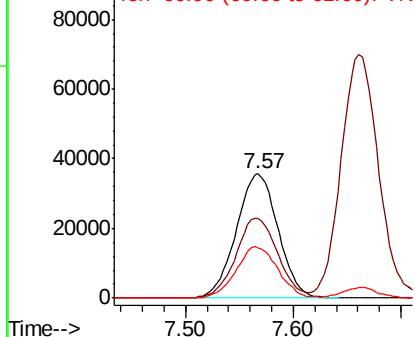


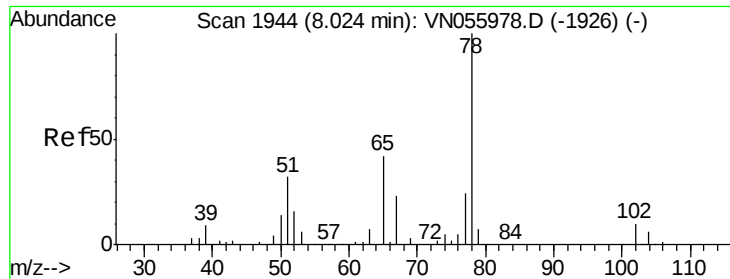
#32
1,1,1-Trichloroethane
Concen: 19.374 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN056093.D
Acq: 7 Jun 2019 12:26

Tgt Ion: 97 Resp: 96151
Ion Ratio Lower Upper
97 100
99 64.7 52.0 78.0
61 41.4 32.9 49.3



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

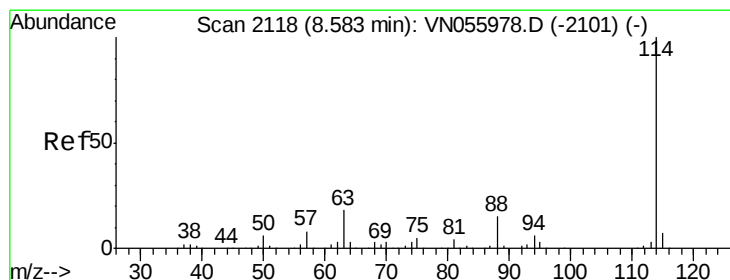
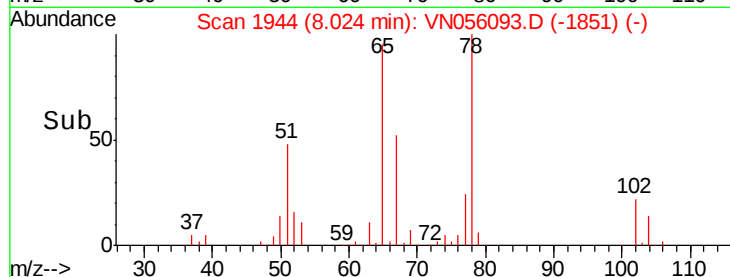
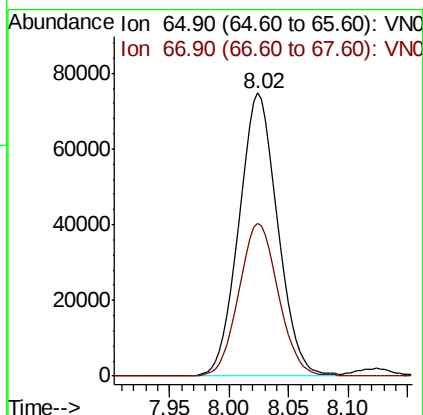
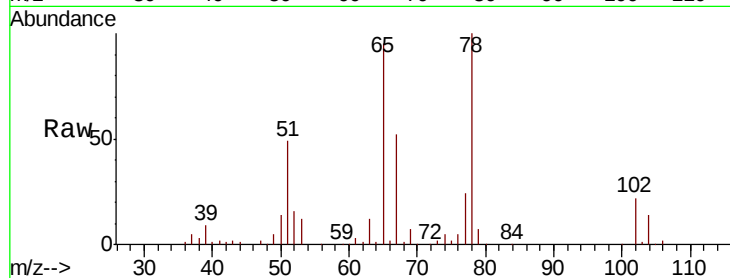




#33
 1,2-Dichloroethane-d4
 Concen: 45.520 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN056093.D
 Acq: 7 Jun 2019 12:26

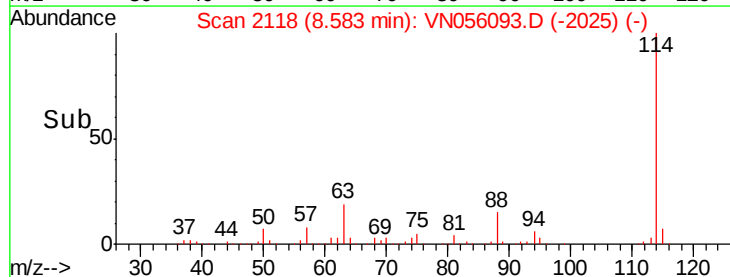
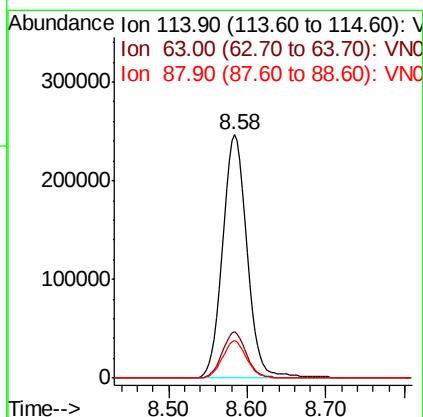
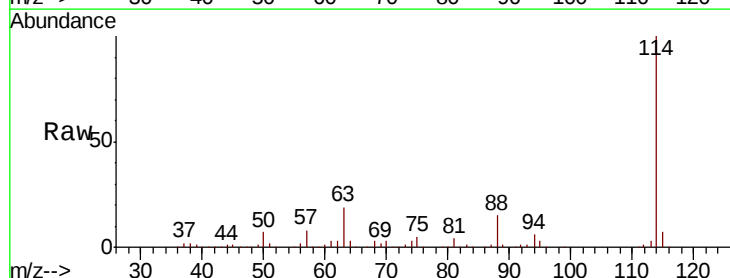
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS02

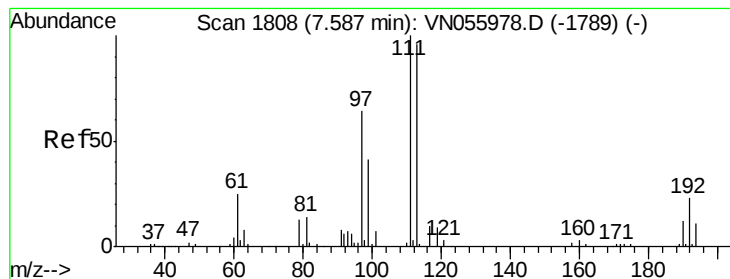
Tot Ion: 65 Resp: 168933
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056093.D
 Acq: 7 Jun 2019 12:26

Tgt Ion: 114 Resp: 529175
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.2
 88 15.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 46.767 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056093.D

Acq: 7 Jun 2019 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS02

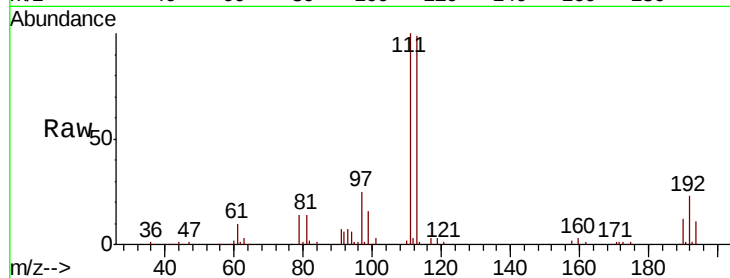
Tot Ion:113 Resp: 151837

Ion Ratio Lower Upper

113 100

111 101.4 81.9 122.9

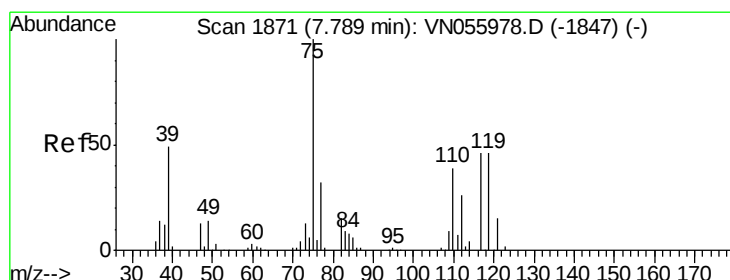
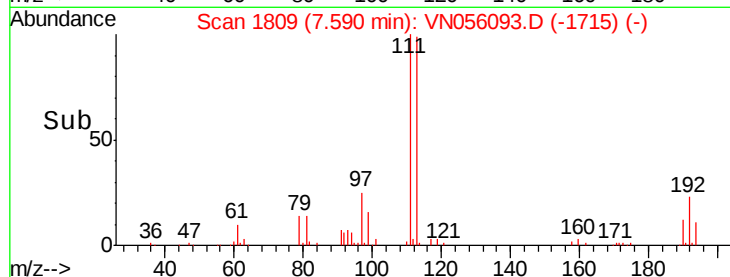
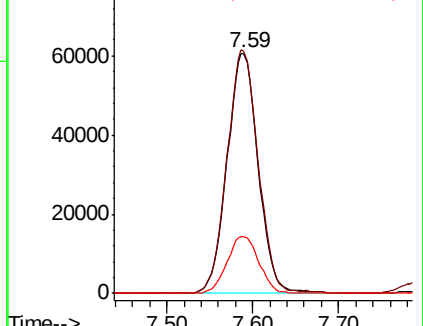
192 24.1 19.5 29.3



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: 19.608 ug/l

RT: 7.79 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VN056093.D

Acq: 7 Jun 2019 12:26

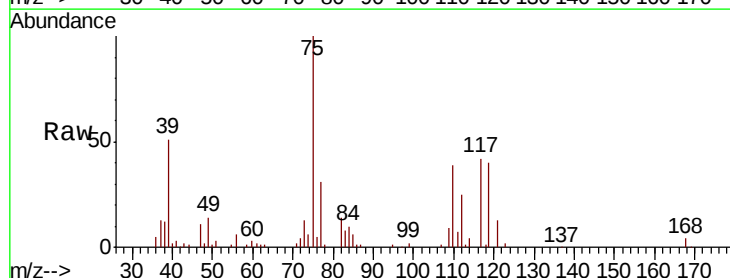
Tgt Ion: 75 Resp: 89219

Ion Ratio Lower Upper

75 100

110 38.7 19.0 57.0

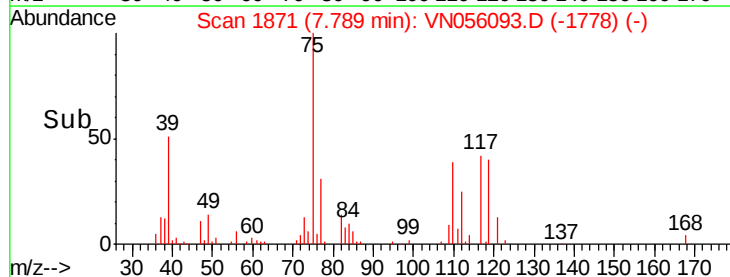
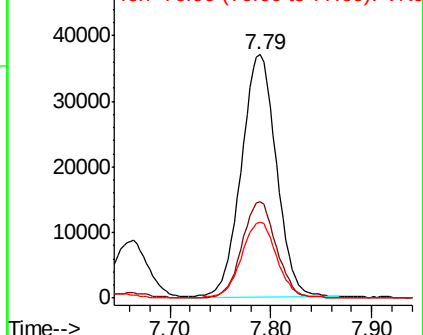
77 31.6 25.1 37.7

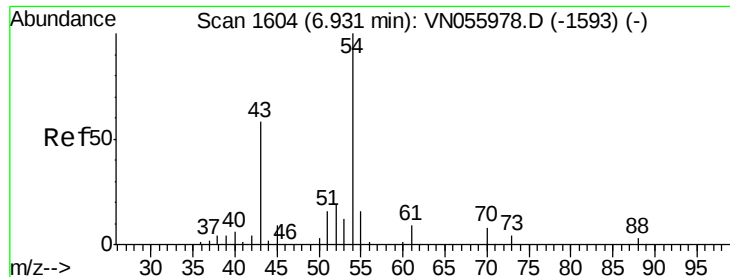


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

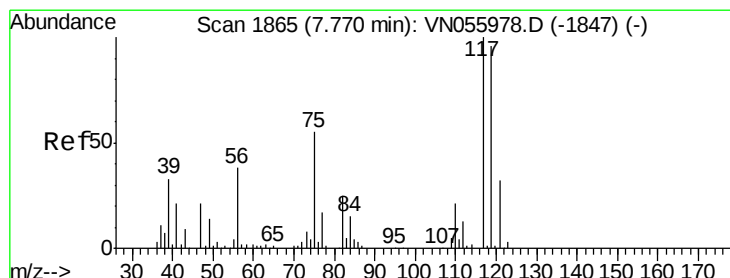
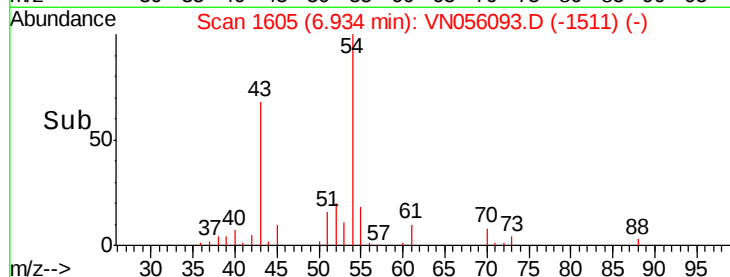
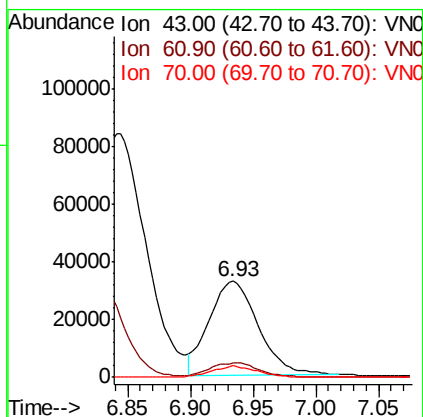
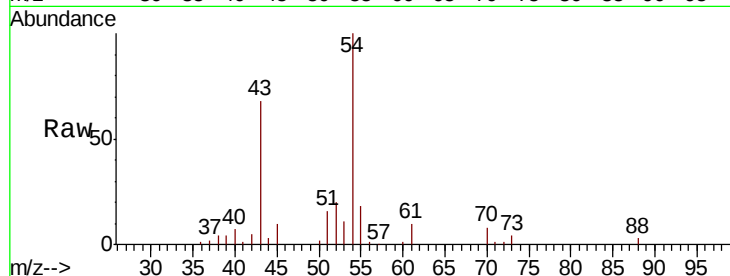




#37
Ethyl Acetate
Concen: 22.216 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056093.D
Acq: 7 Jun 2019 12:26

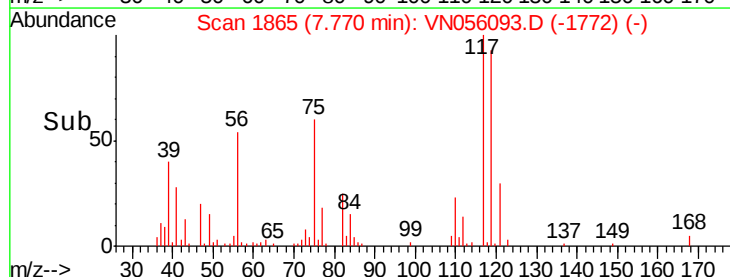
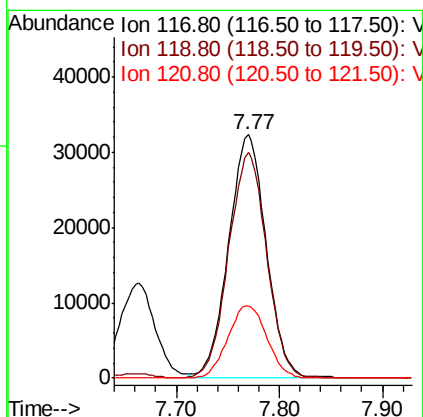
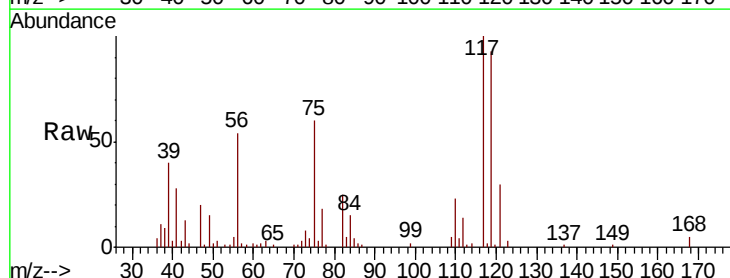
Instrument :
MSVOA_N
ClientSampled :
VN0608WBS02

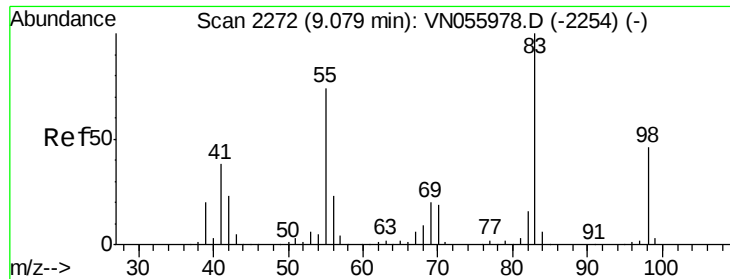
Tot Ion: 43 Resp: 89941
Ion Ratio Lower Upper
43 100
61 15.4 12.2 18.2
70 11.0 8.9 13.3



#38
Carbon Tetrachloride
Concen: 19.583 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056093.D
Acq: 7 Jun 2019 12:26

Tgt Ion: 117 Resp: 82150
Ion Ratio Lower Upper
117 100
119 92.6 79.0 118.6
121 29.6 24.7 37.1

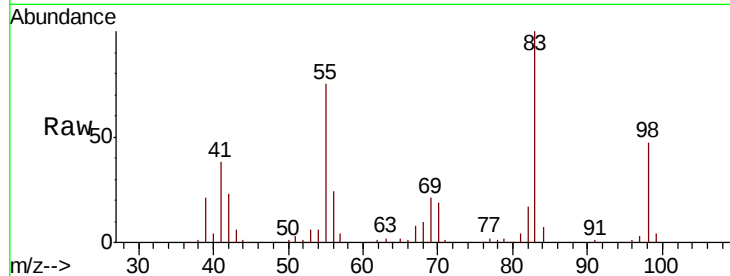




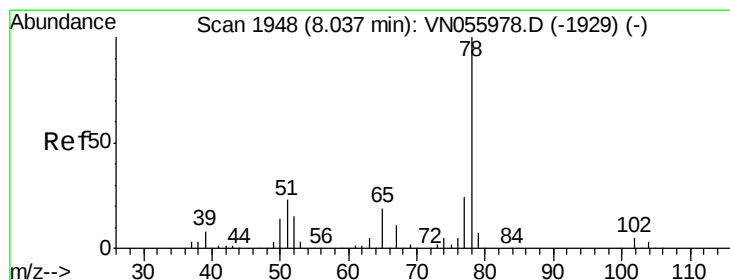
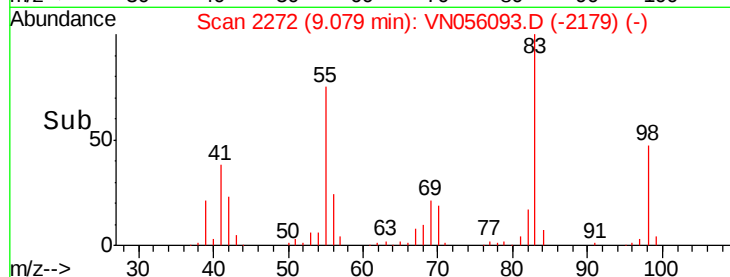
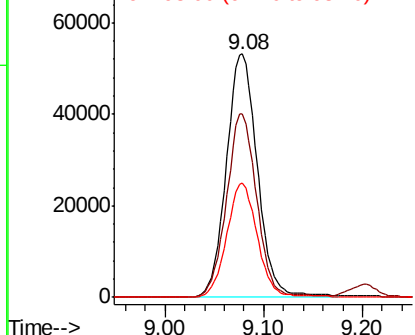
#39
Methvlcvclohexane
Concen: 20.632 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056093.D
Acq: 7 Jun 2019 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS02

Tot Ion: 83 Resp: 116948
Ion Ratio Lower Upper
83 100
55 75.2 59.3 88.9
98 46.9 36.6 54.8

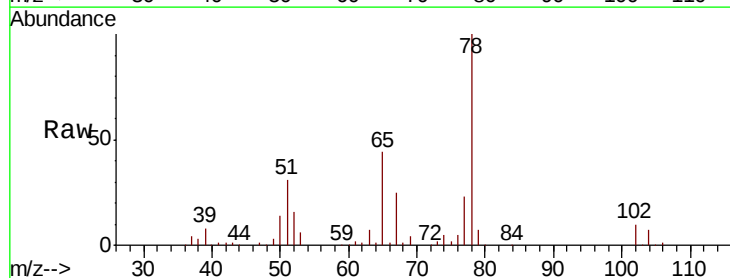


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

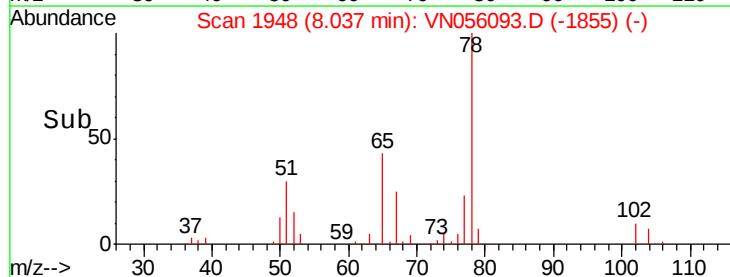
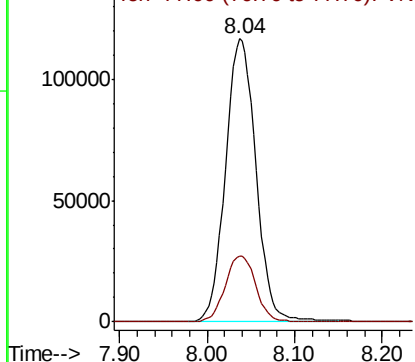


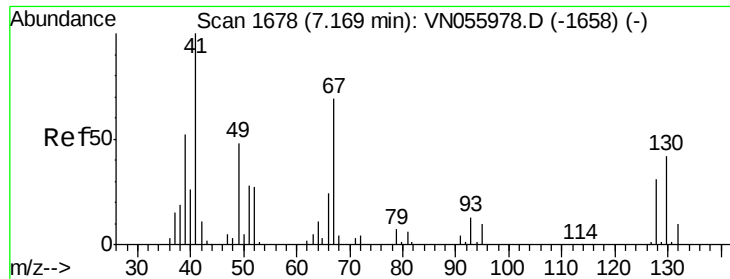
#40
Benzene
Concen: 20.396 ug/l
RT: 8.04 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN056093.D
Acq: 7 Jun 2019 12:26

Tgt Ion: 78 Resp: 281864
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2



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

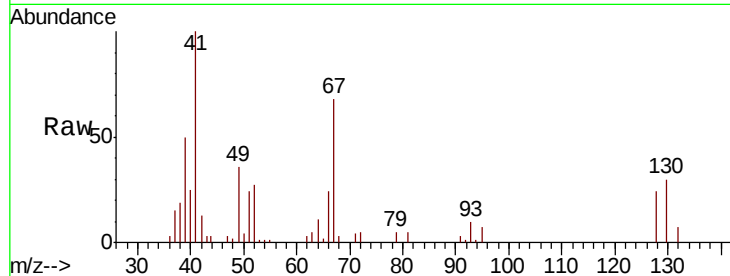




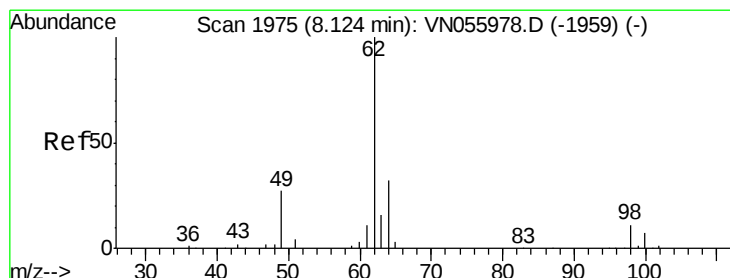
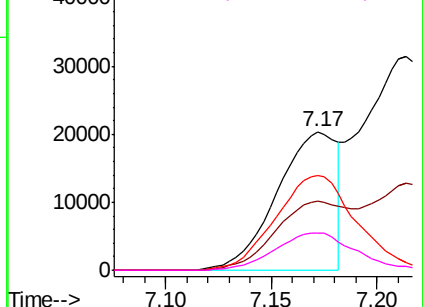
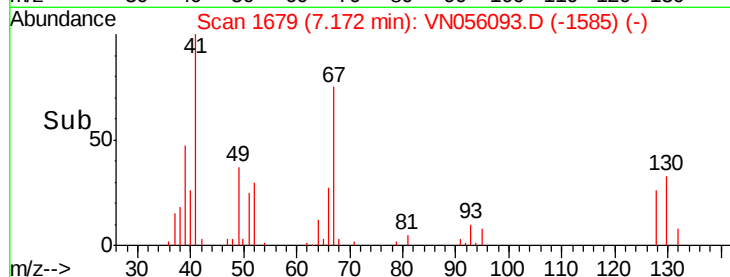
#41
Methacrylonitrile
Concen: 21.519 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN056093.D
Acq: 7 Jun 2019 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS02

Tot Ion: 41 Resp: 40083
Ion Ratio Lower Upper
41 100
39 59.8 45.6 68.4
67 93.7 67.7 101.5
52 36.7 26.6 40.0

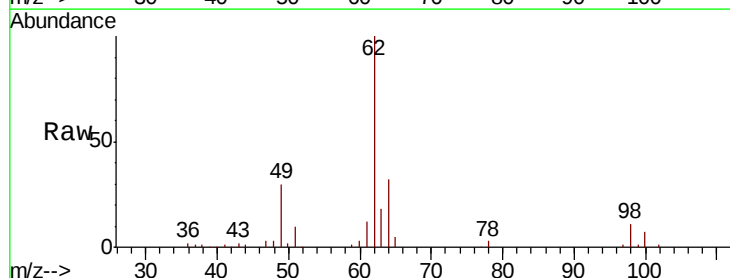


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

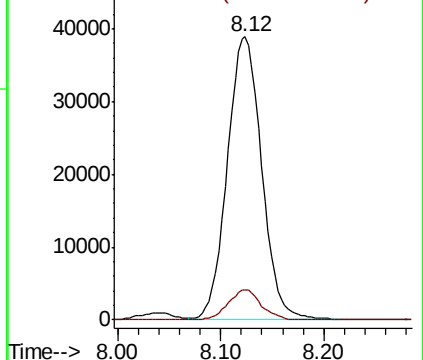
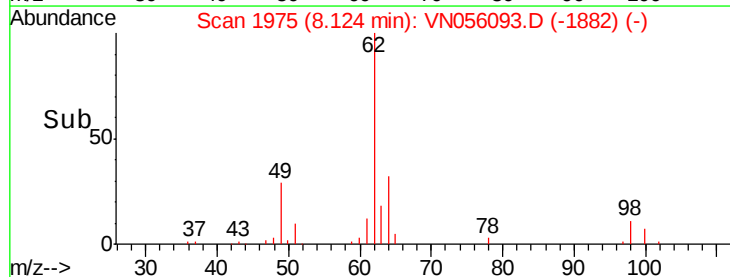


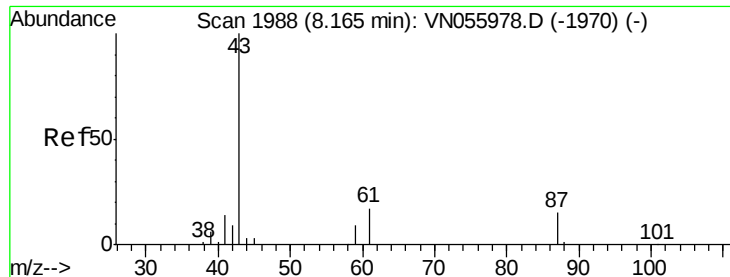
#42
1,2-Dichloroethane
Concen: 20.343 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056093.D
Acq: 7 Jun 2019 12:26

Tgt Ion: 62 Resp: 90432
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.2



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





#43

Isopropyl Acetate

Concen: 21.194 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056093.D

Acq: 7 Jun 2019 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS02

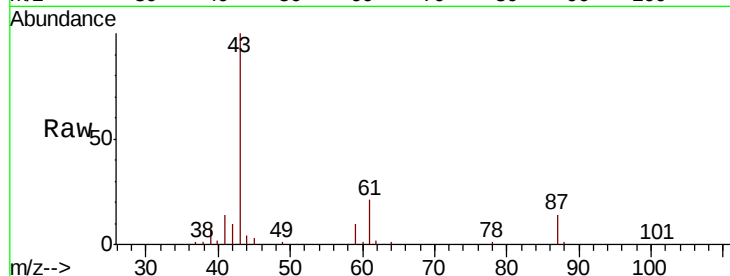
Tot Ion: 43 Resp: 139043

Ion Ratio Lower Upper

43 100

61 20.6 22.2 33.4#

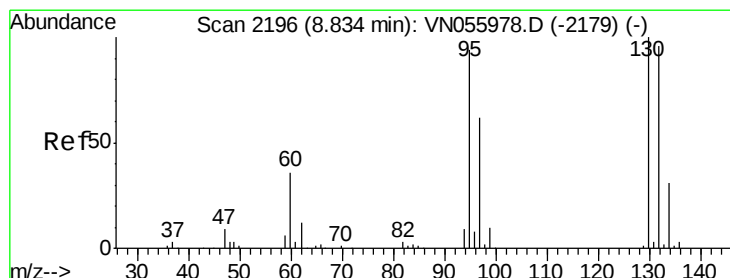
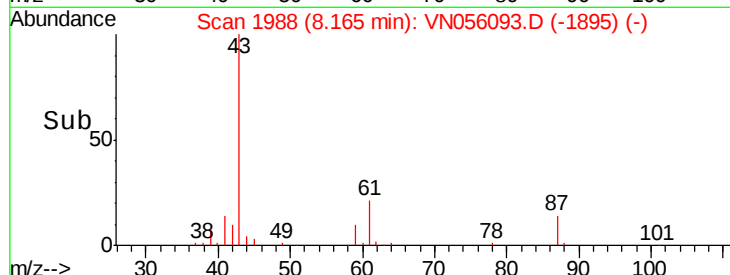
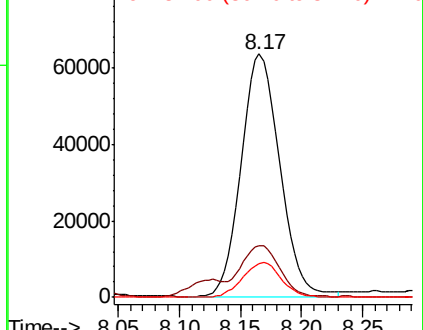
87 14.4 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055978.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055978.D (-1970) (-)



#44

Trichloroethene

Concen: 19.945 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056093.D

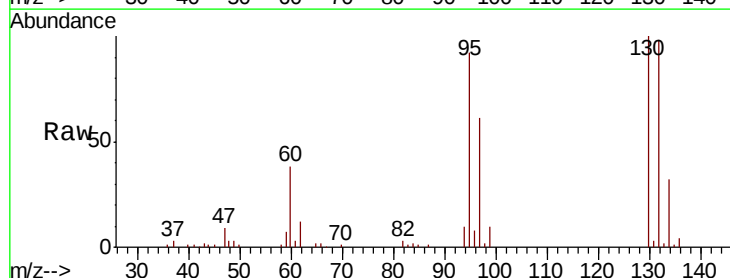
Acq: 7 Jun 2019 12:26

Tgt Ion:130 Resp: 79205

Ion Ratio Lower Upper

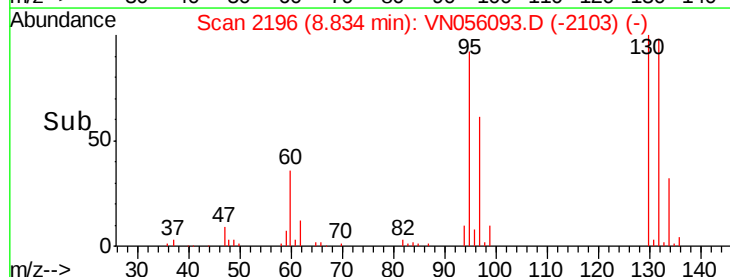
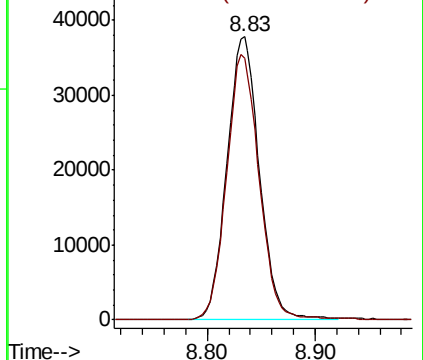
130 100

95 92.4 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055978.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055978.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 20.932 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN056093.D

Acq: 7 Jun 2019 12:26

Instrument :

MSVOA_N

ClientSampleId :

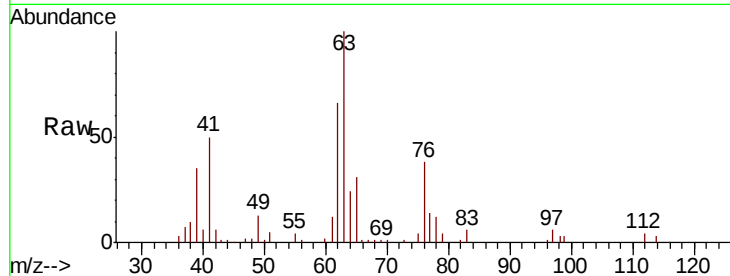
VN0608WBS02

Tot Ion: 63 Resp: 74096

Ion Ratio Lower Upper

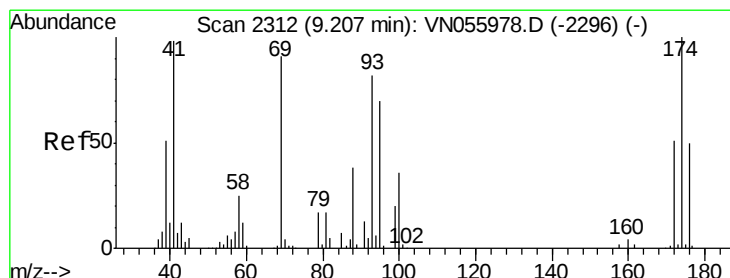
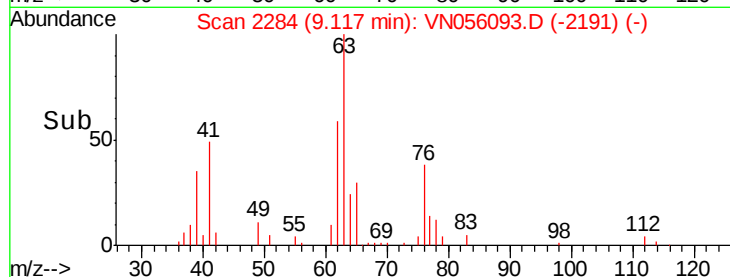
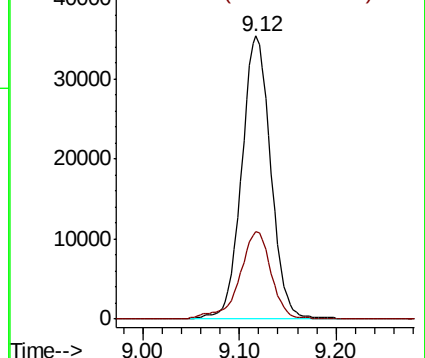
63 100

65 30.8 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.831 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN056093.D

Acq: 7 Jun 2019 12:26

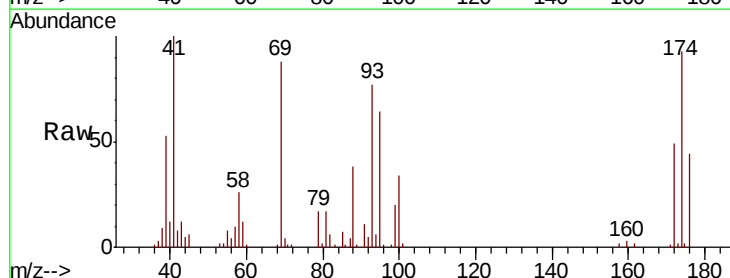
Tgt Ion: 93 Resp: 48219

Ion Ratio Lower Upper

93 100

95 81.8 66.7 100.1

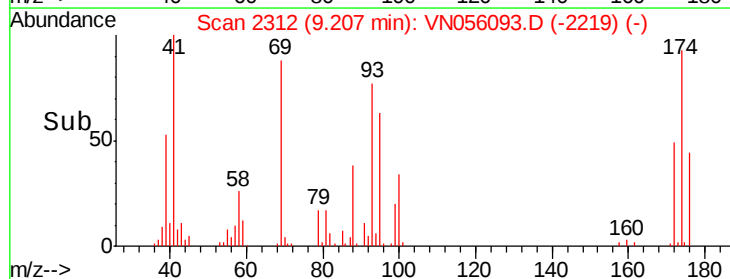
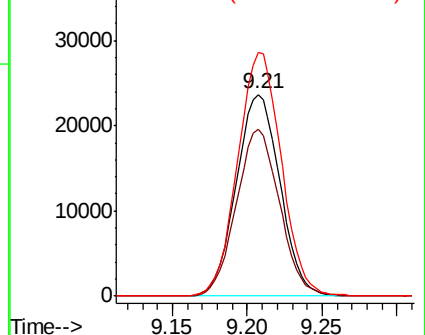
174 120.4 96.4 144.6



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: 19.959 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056093.D

Acq: 7 Jun 2019 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS02

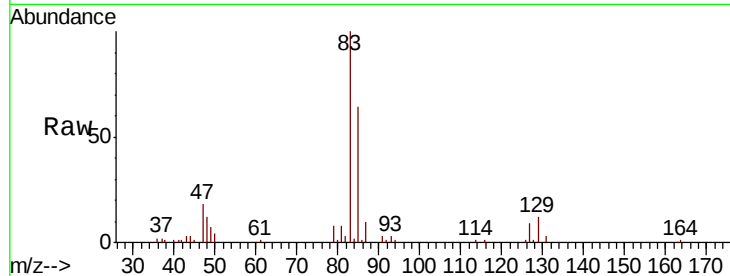
Tot Ion: 83 Resp: 83737

Ion Ratio Lower Upper

83 100

85 64.1 52.2 78.2

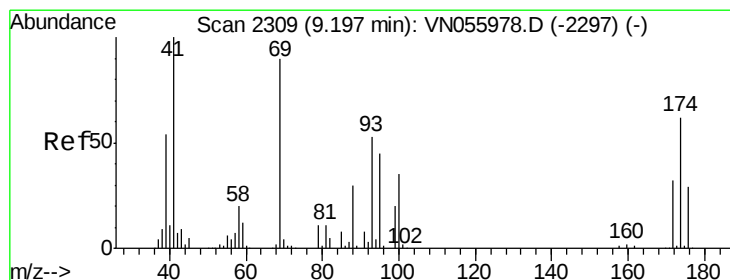
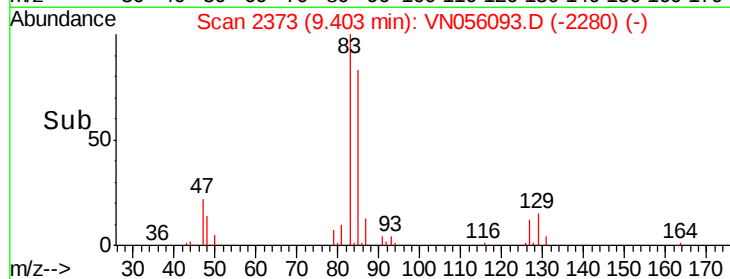
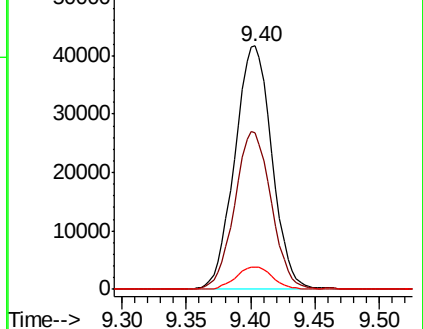
127 9.3 7.4 11.0



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: 21.990 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056093.D

Acq: 7 Jun 2019 12:26

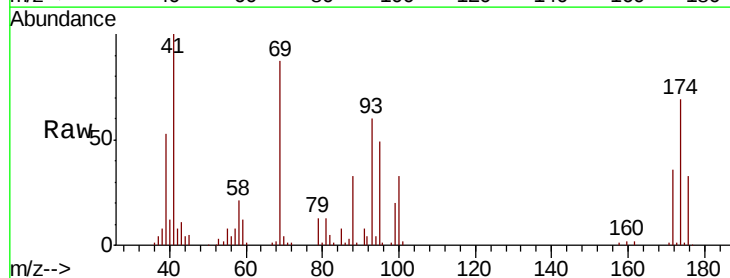
Tgt Ion: 41 Resp: 70578

Ion Ratio Lower Upper

41 100

69 89.8 71.0 106.6

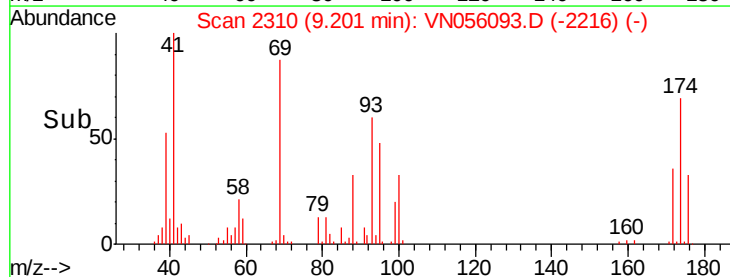
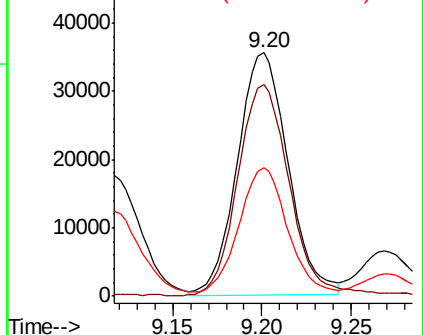
39 52.1 44.2 66.2

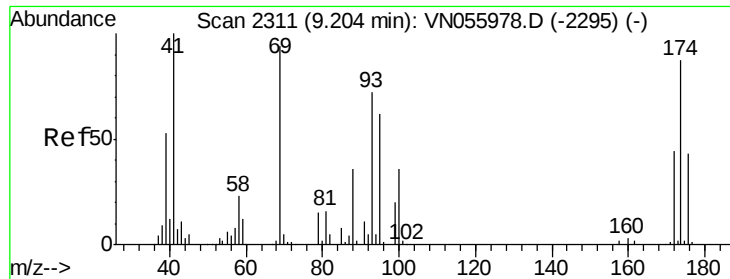


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

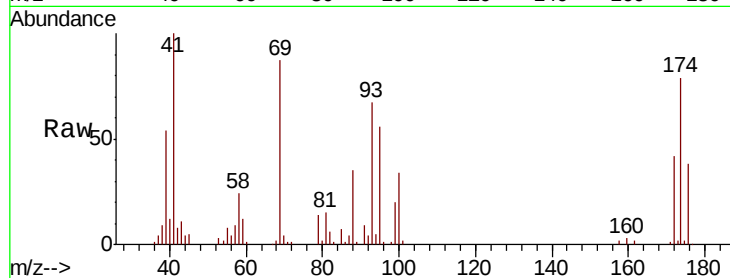




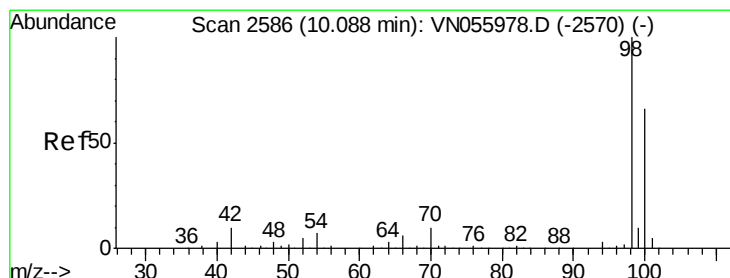
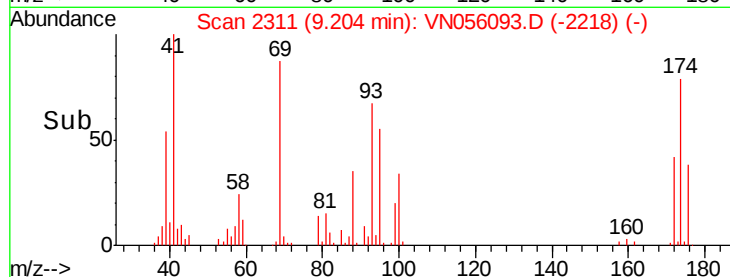
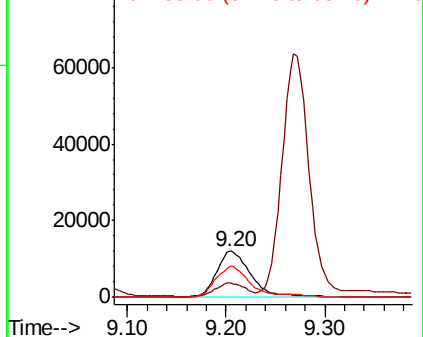
#49
1,4-Dioxane
Concen: 429.345 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN056093.D
Acq: 7 Jun 2019 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS02

Tot Ion: 88 Resp: 29750
Ion Ratio Lower Upper
88 100
43 24.7 20.5 30.7
58 63.5 55.8 83.6

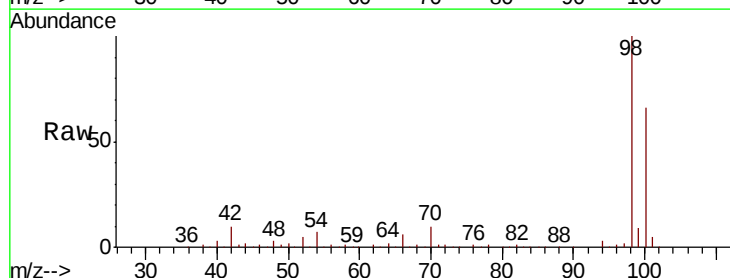


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

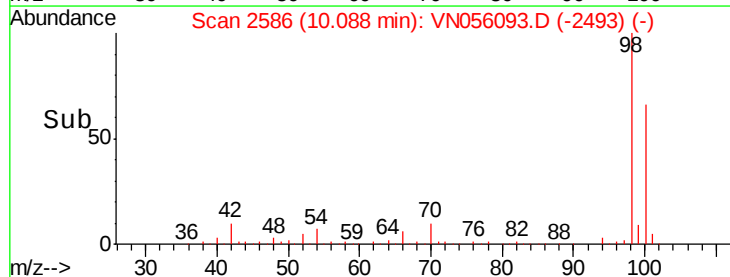
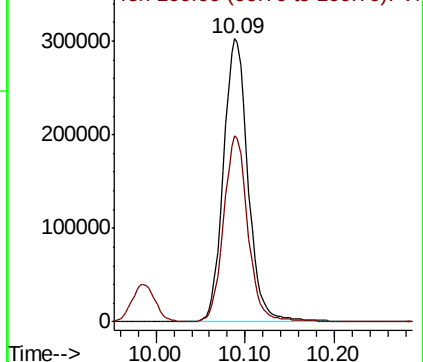


#50
Toluene-d8
Concen: 46.290 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN056093.D
Acq: 7 Jun 2019 12:26

Tgt Ion: 98 Resp: 578305
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



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





#51

4-Methyl-2-Pentanone

Concen: 112.686 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056093.D

Acq: 7 Jun 2019 12:26

Instrument :

MSVOA_N

ClientSampled :

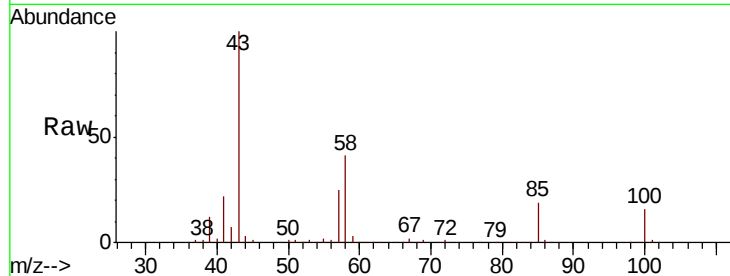
VN0608WBS02

Tot Ion: 43 Resp: 462308

Ion Ratio Lower Upper

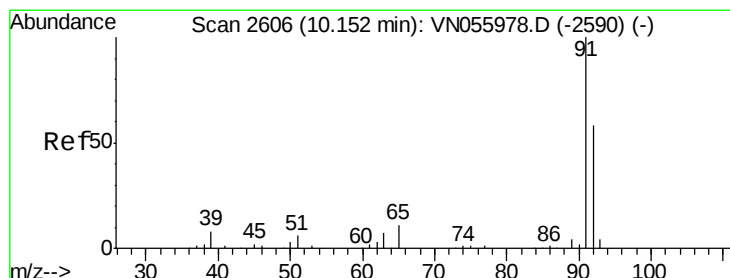
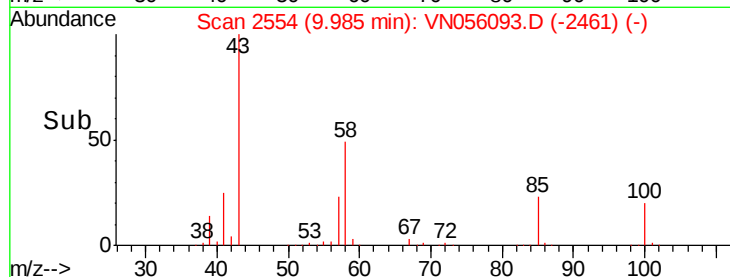
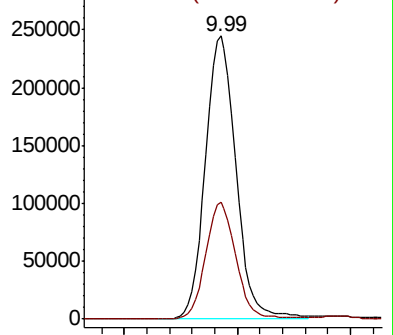
43 100

58 40.8 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 20.818 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056093.D

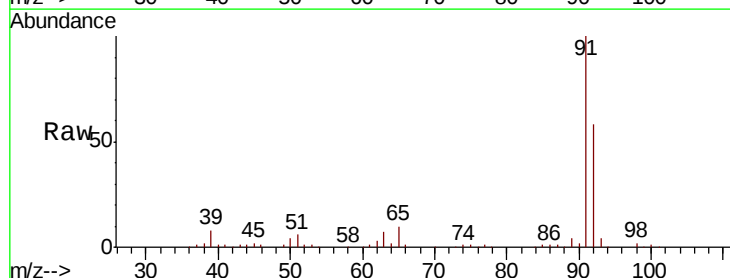
Acq: 7 Jun 2019 12:26

Tgt Ion: 92 Resp: 179023

Ion Ratio Lower Upper

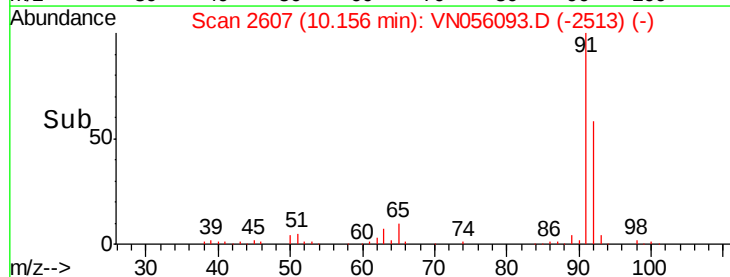
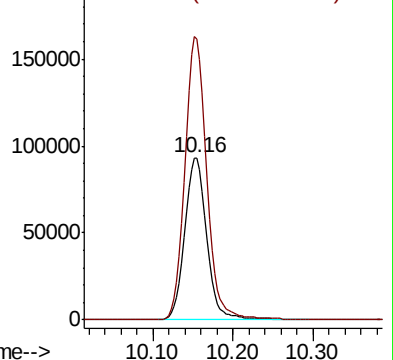
92 100

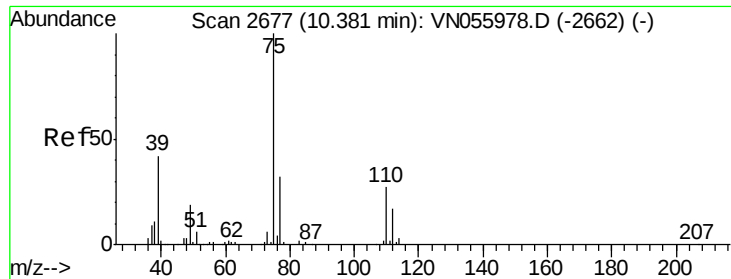
91 173.6 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 18.933 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056093.D

Acq: 7 Jun 2019 12:26

Instrument :

MSVOA_N

ClientSampled :

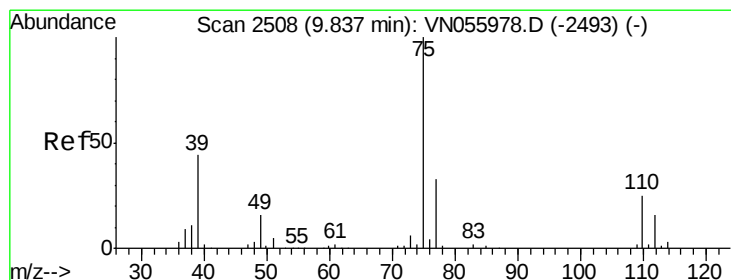
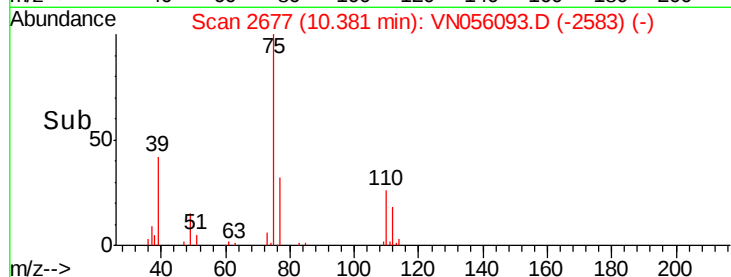
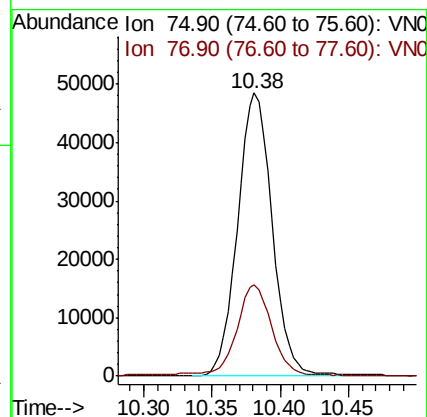
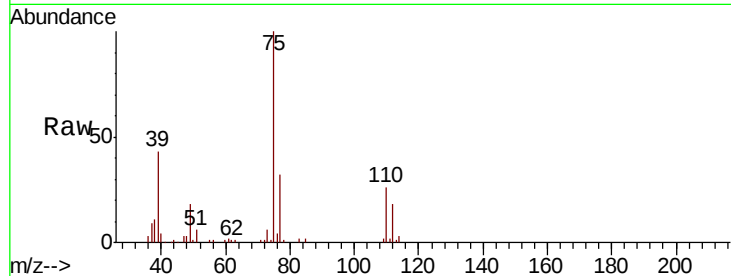
VN0608WBS02

Tot Ion: 75 Resp: 85430

Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 20.398 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056093.D

Acq: 7 Jun 2019 12:26

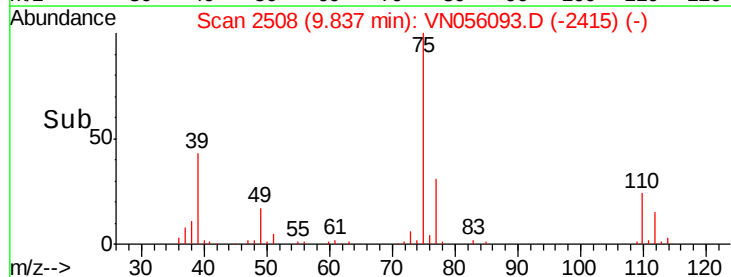
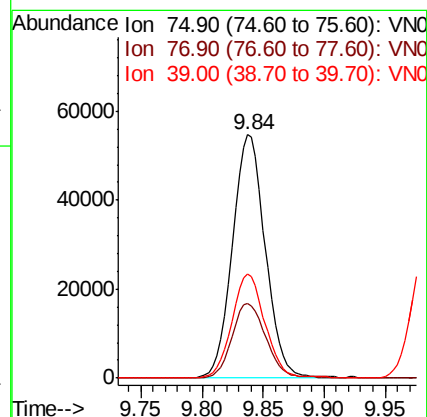
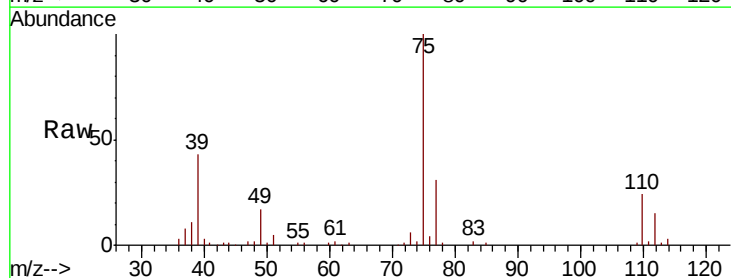
Tgt Ion: 75 Resp: 102864

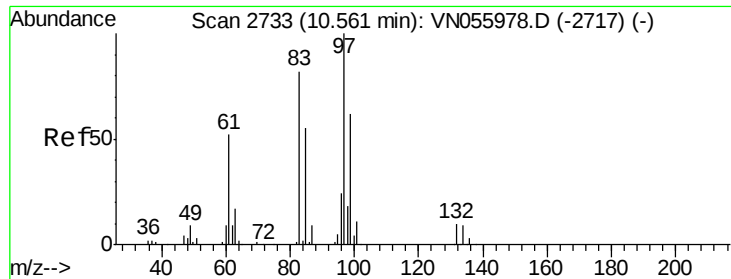
Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.0

39 42.9 36.3 54.5

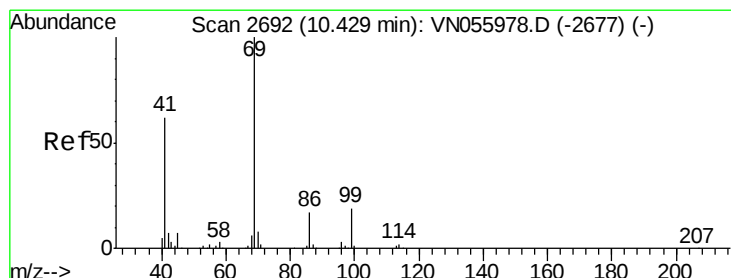
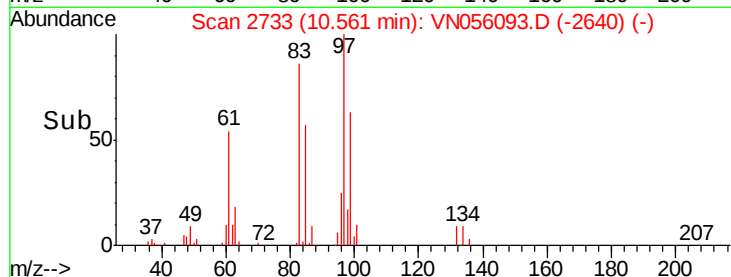
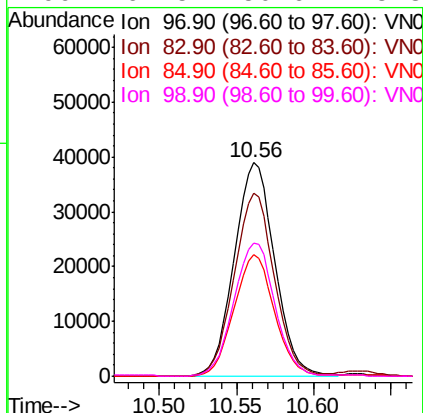
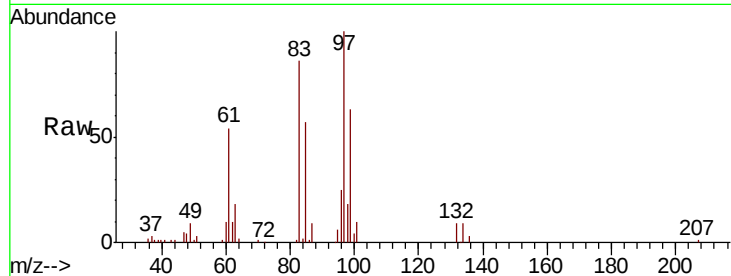




#55
 1,1,2-Trichloroethane
 Concen: 20.821 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056093.D
 Acq: 7 Jun 2019 12:26

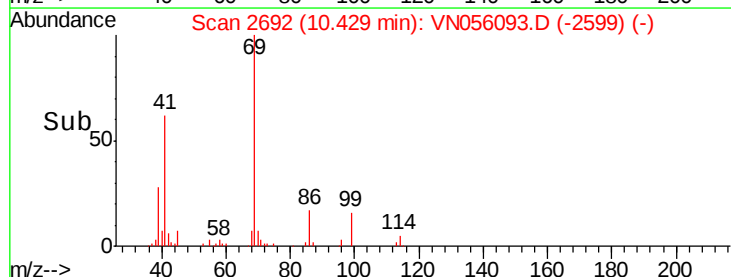
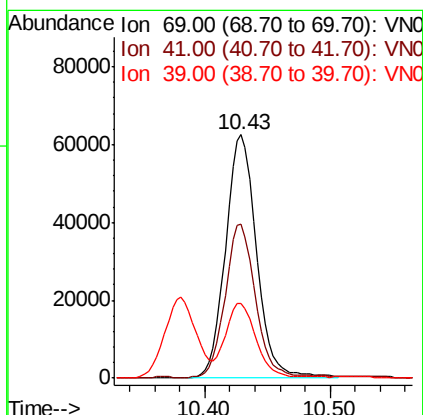
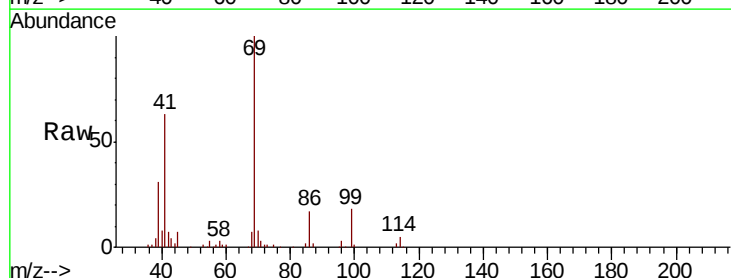
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS02

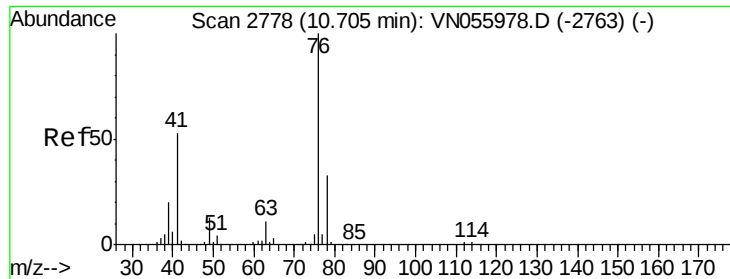
Tot Ion:	97	Resp:	70927
Ion	Ratio	Lower	Upper
97	100		
83	85.7	67.0	100.6
85	57.2	44.0	66.0
99	62.5	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 21.623 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056093.D
 Acq: 7 Jun 2019 12:26

Tgt Ion:	69	Resp:	107459
Ion	Ratio	Lower	Upper
69	100		
41	61.0	49.7	74.5
39	29.1	24.7	37.1

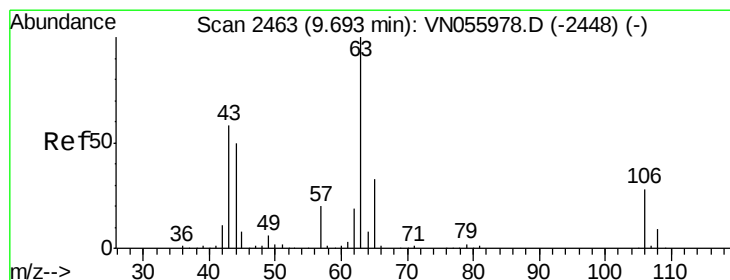
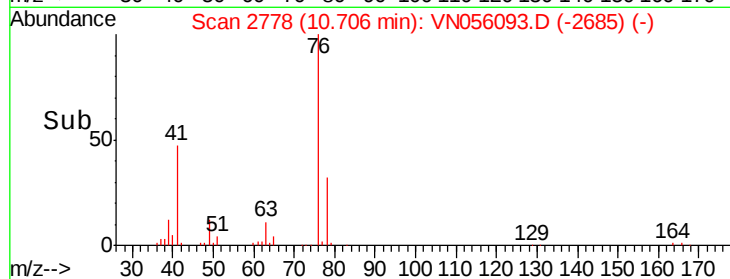
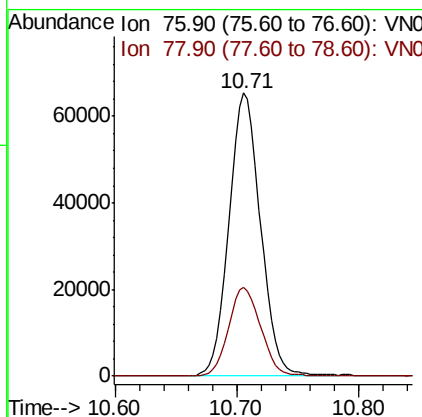
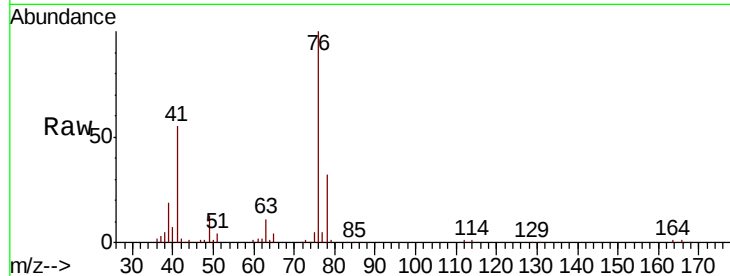




#57
 1,3-Dichloropropane
 Concen: 21.295 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056093.D
 Acq: 7 Jun 2019 12:26

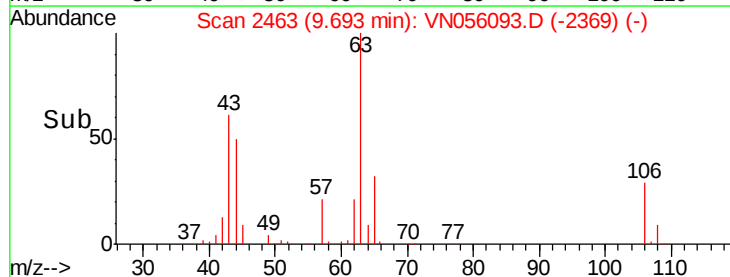
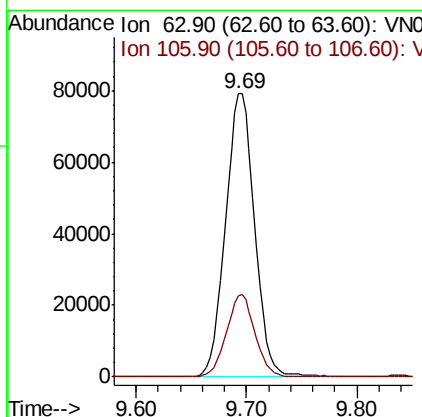
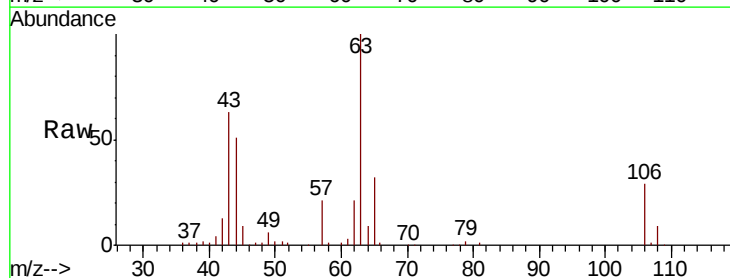
Instrument :
 MSVOA_N
 ClientSampled :
 VN0608WBS02

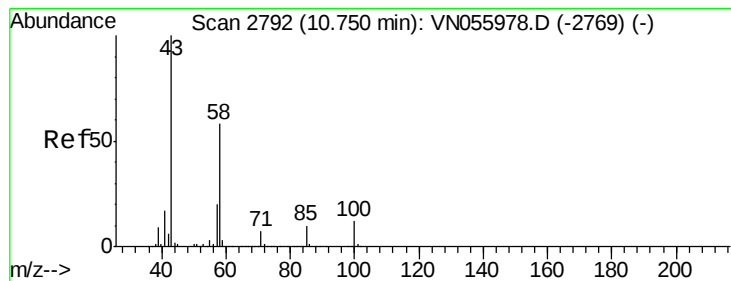
Tot Ion: 76 Resp: 117926
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 83.864 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN056093.D
 Acq: 7 Jun 2019 12:26

Tgt Ion: 63 Resp: 144534
 Ion Ratio Lower Upper
 63 100
 106 28.3 22.7 34.1





#59

2-Hexanone

Concen: 111.728 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. 0.00 min

Lab File: VN056093.D

Acq: 7 Jun 2019 12:26

Instrument :

MSVOA_N

ClientSampled :

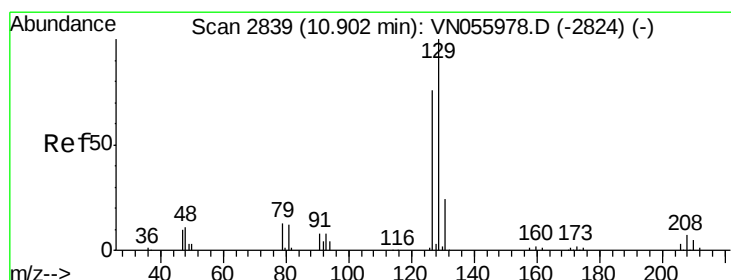
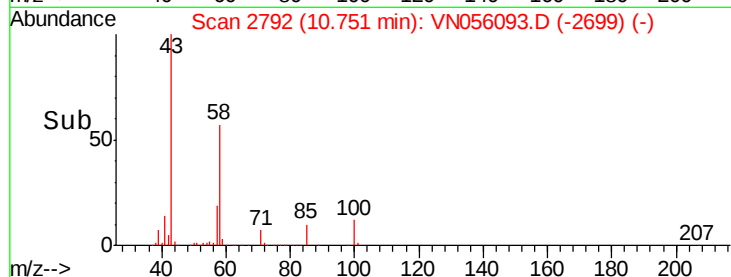
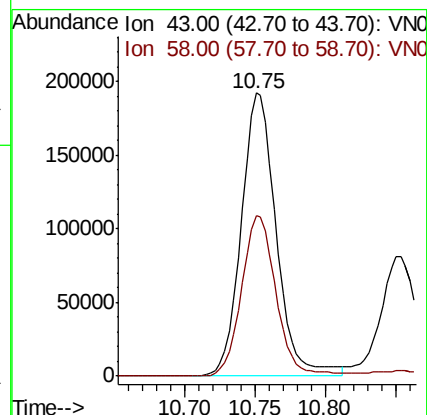
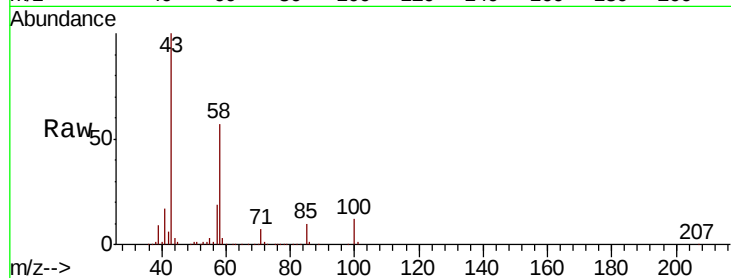
VN0608WBS02

Tot Ion: 43 Resp: 332224

Ion Ratio Lower Upper

43 100

58 56.3 28.2 84.7



#60

Dibromochloromethane

Concen: 19.739 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN056093.D

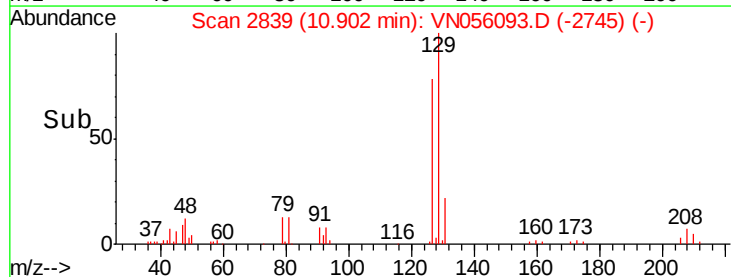
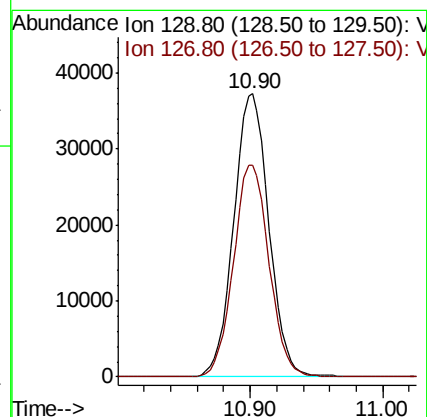
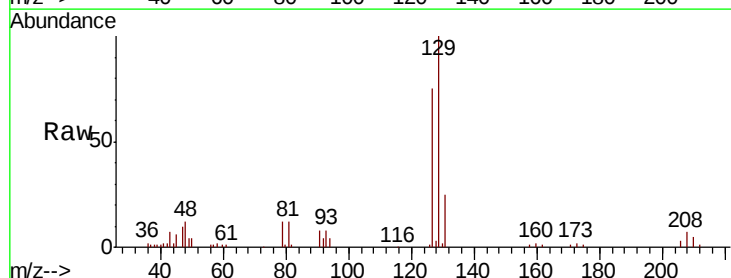
Acq: 7 Jun 2019 12:26

Tgt Ion: 129 Resp: 68295

Ion Ratio Lower Upper

129 100

127 75.9 38.1 114.3





#61

1,2-Dibromoethane

Concen: 21.212 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056093.D

Acq: 7 Jun 2019 12:26

Instrument :

MSVOA_N

ClientSampleId :

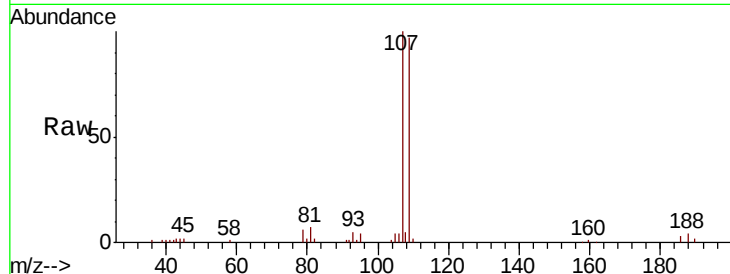
VN0608WBS02

Tot Ion:107 Resp: 73868

Ion Ratio Lower Upper

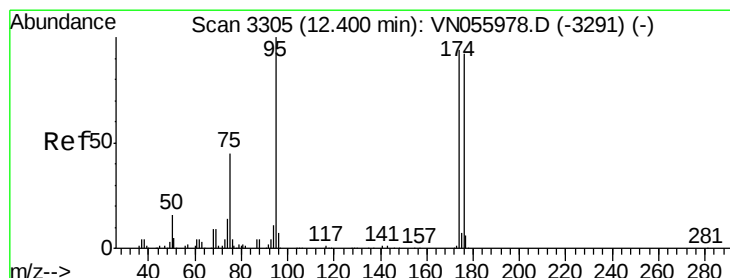
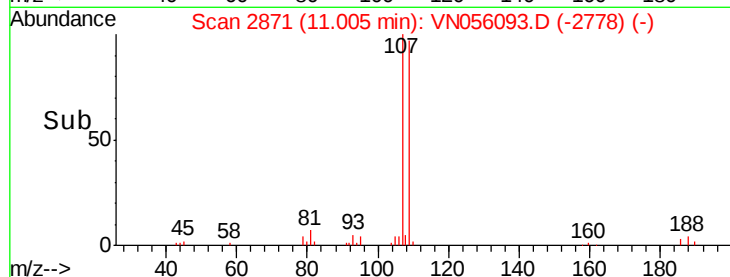
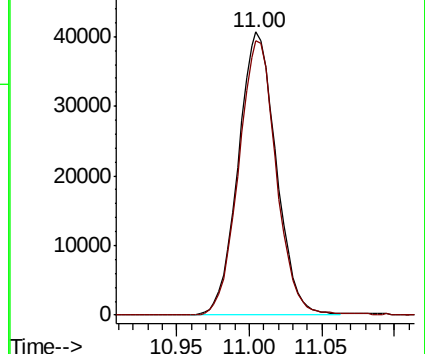
107 100

109 95.7 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.270 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056093.D

Acq: 7 Jun 2019 12:26

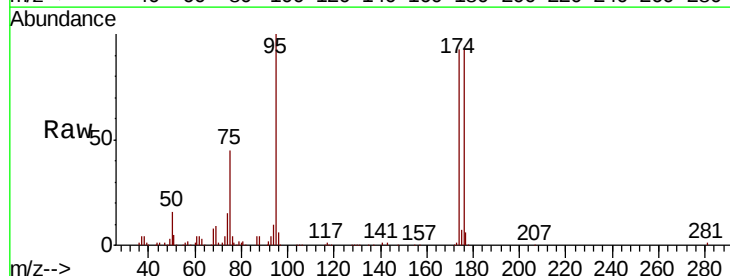
Tgt Ion: 95 Resp: 196585

Ion Ratio Lower Upper

95 100

174 94.6 0.0 191.0

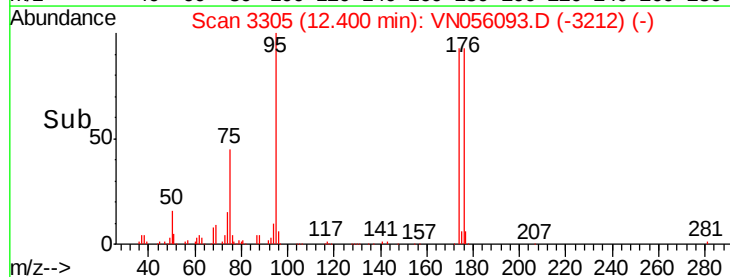
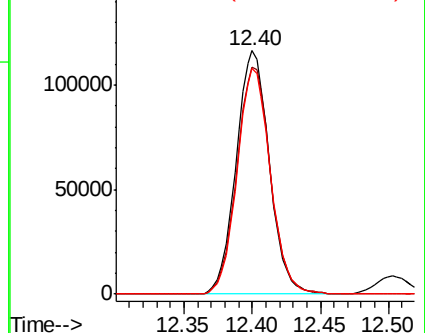
176 92.9 0.0 185.2

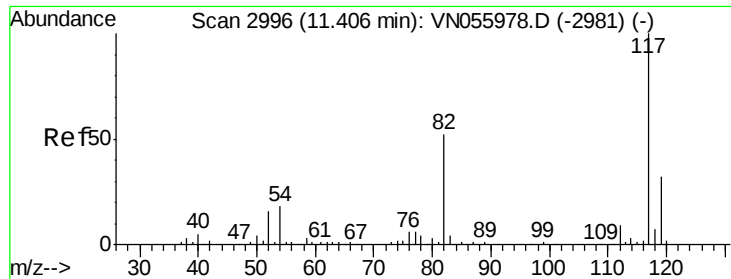


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

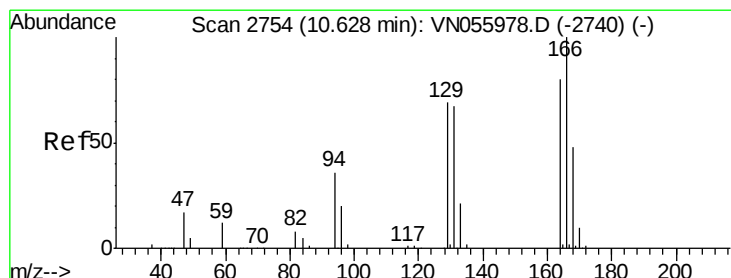
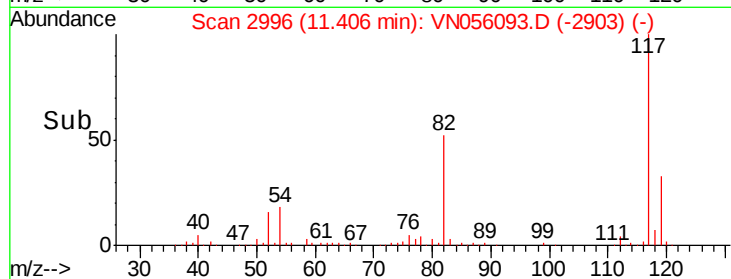
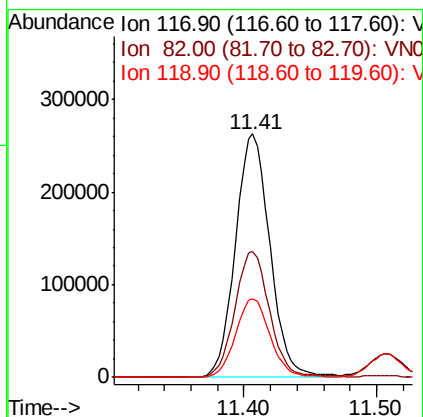
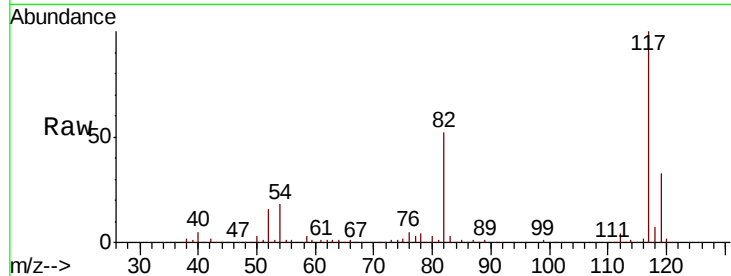




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056093.D
Acq: 7 Jun 2019 12:26

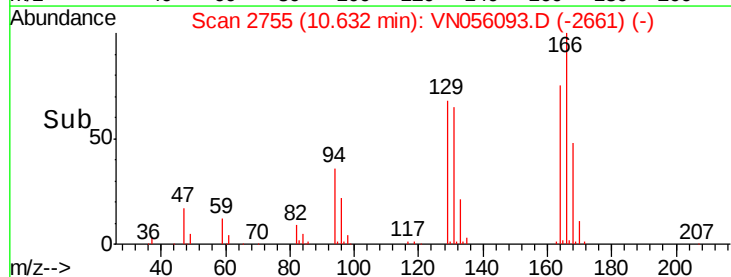
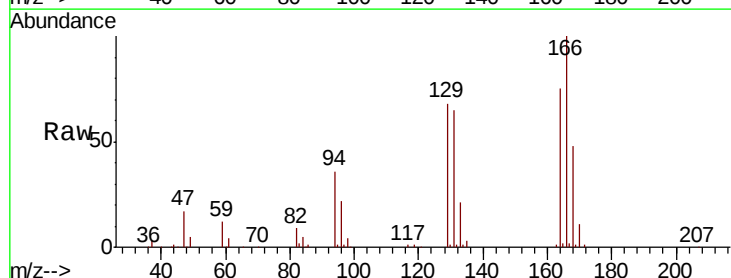
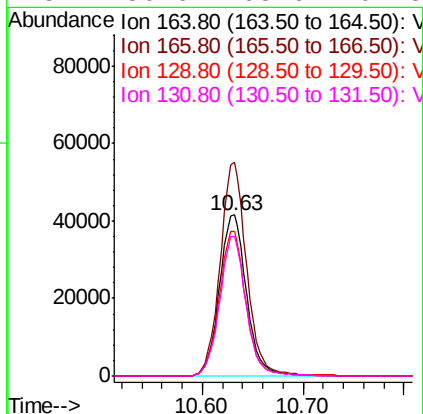
Instrument :
MSVOA_N
ClientSampled :
VN0608WBS02

Tot Ion:117 Resp: 475566
Ion Ratio Lower Upper
117 100
82 51.9 41.8 62.8
119 32.5 25.4 38.0



#64
Tetrachloroethene
Concen: 19.003 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056093.D
Acq: 7 Jun 2019 12:26

Tgt Ion:164 Resp: 78225
Ion Ratio Lower Upper
164 100
166 132.6 103.0 154.6
129 89.8 70.6 105.8
131 86.6 68.6 102.8

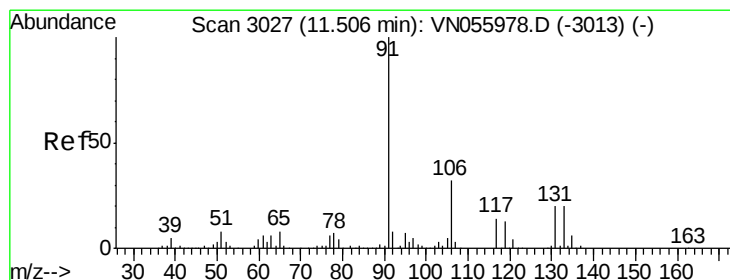
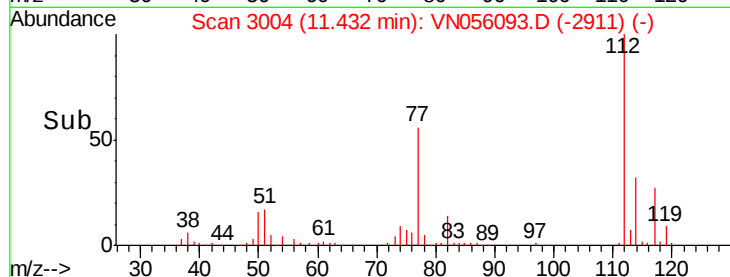
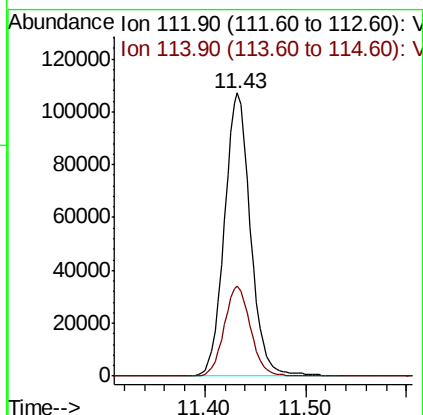
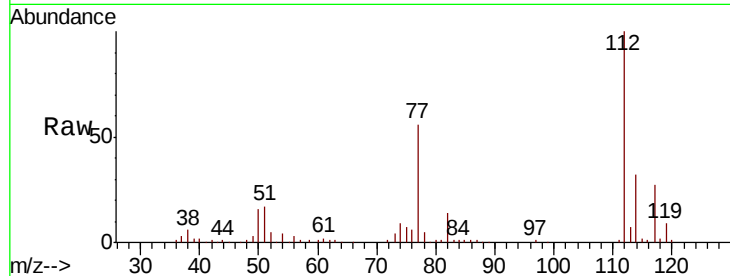




#65
Chlorobenzene
Concen: 20.417 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056093.D
Acq: 7 Jun 2019 12:26

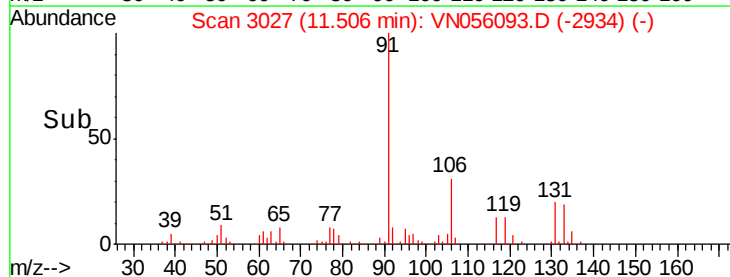
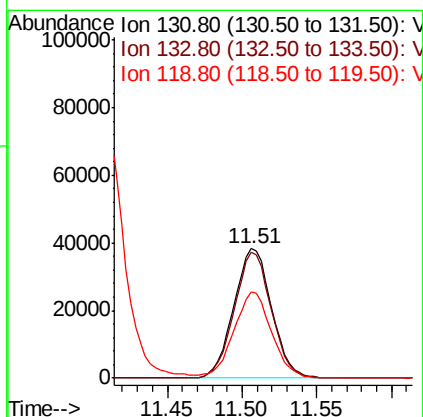
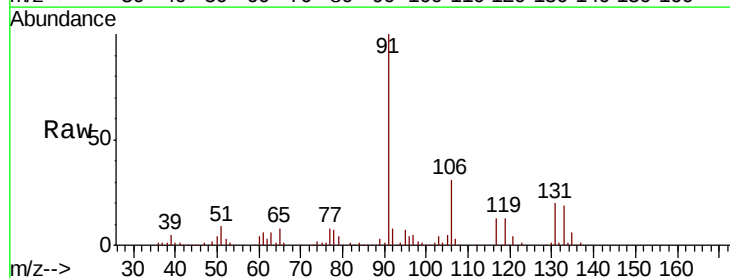
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS02

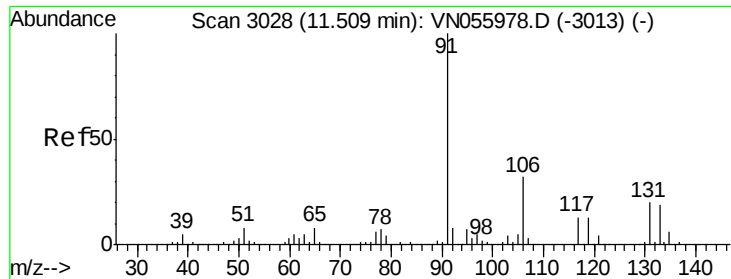
Tot Ion:112 Resp: 193240
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.591 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056093.D
Acq: 7 Jun 2019 12:26

Tgt Ion:131 Resp: 67291
Ion Ratio Lower Upper
131 100
133 95.5 48.0 144.0
119 66.5 33.1 99.5

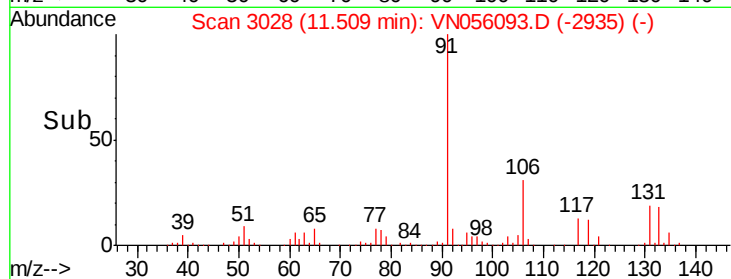
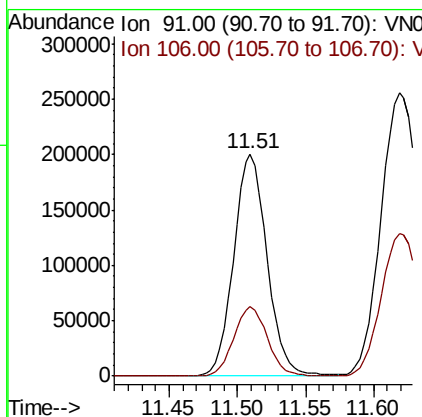
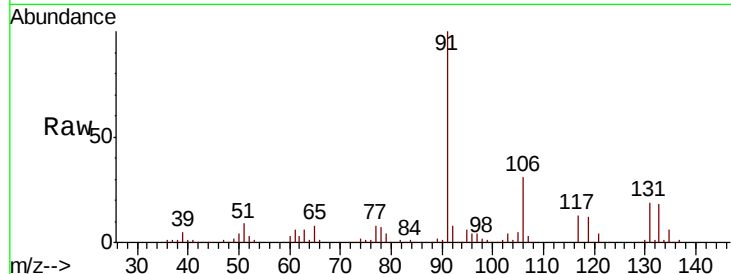




#67
Ethyl Benzene
Concen: 20.683 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056093.D
Acq: 7 Jun 2019 12:26

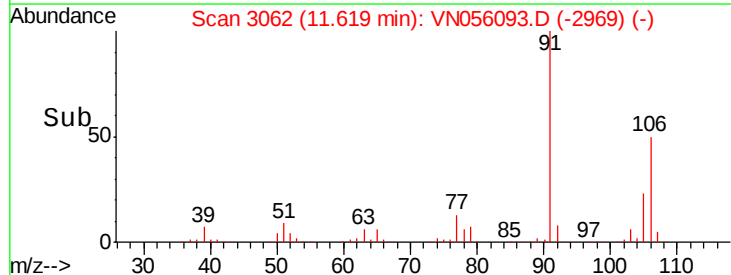
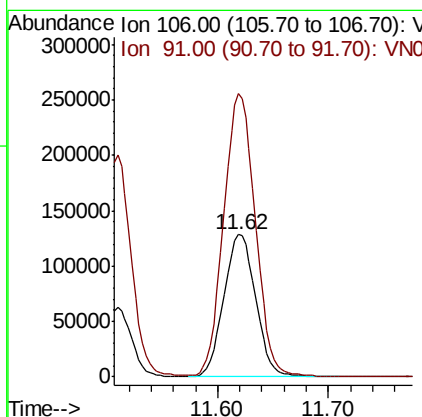
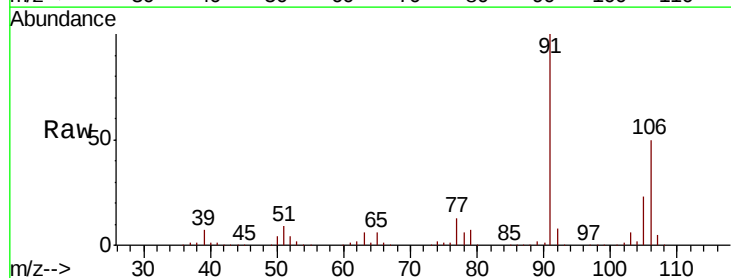
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS02

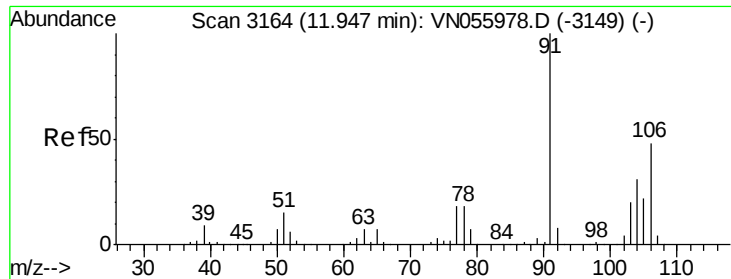
Tot Ion: 91 Resp: 340401
Ion Ratio Lower Upper
91 100
106 31.0 25.1 37.7



#68
m/p-Xylenes
Concen: 41.027 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056093.D
Acq: 7 Jun 2019 12:26

Tgt Ion: 106 Resp: 257934
Ion Ratio Lower Upper
106 100
91 198.1 159.3 238.9

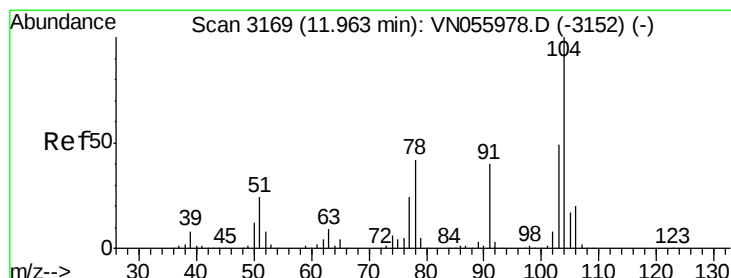
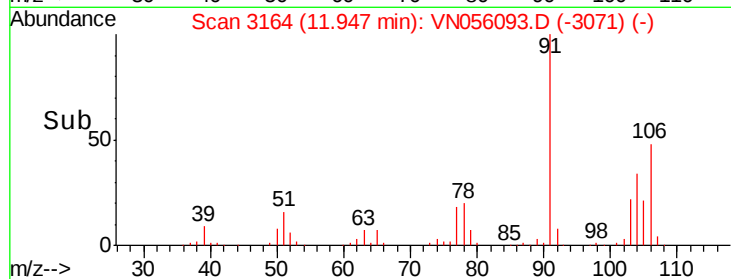
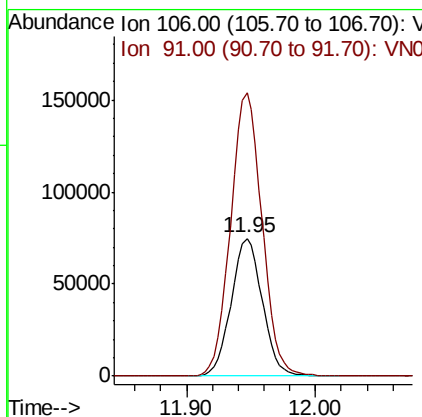
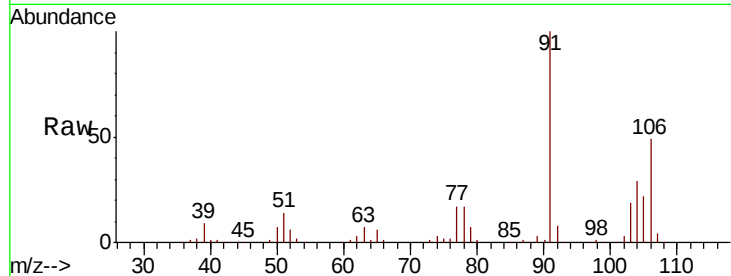




#69
o-Xylene
Concen: 20.303 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056093.D
Acq: 7 Jun 2019 12:26

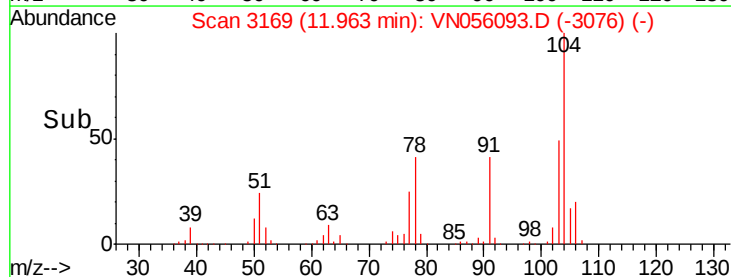
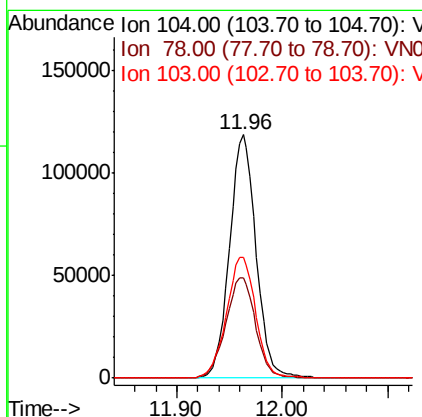
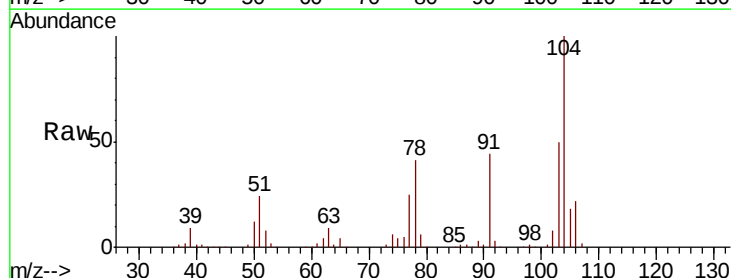
Instrument :
MSVOA_N
ClientSampled :
VN0608WBS02

Tot Ion:106 Resp: 125560
Ion Ratio Lower Upper
106 100
91 207.2 104.7 314.1



#70
Styrene
Concen: 20.926 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056093.D
Acq: 7 Jun 2019 12:26

Tgt Ion:104 Resp: 205615
Ion Ratio Lower Upper
104 100
78 46.5 37.8 56.6
103 54.9 44.2 66.2





#71

Bromoform

Concen: 18.053 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN056093.D

Acq: 7 Jun 2019 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS02

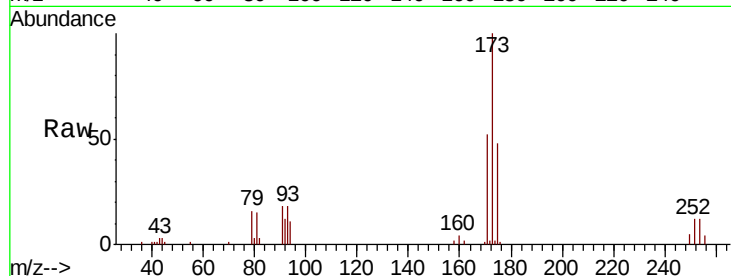
Tot Ion:173 Resp: 44447

Ion Ratio Lower Upper

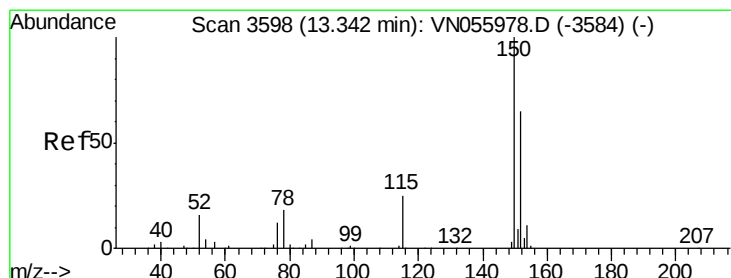
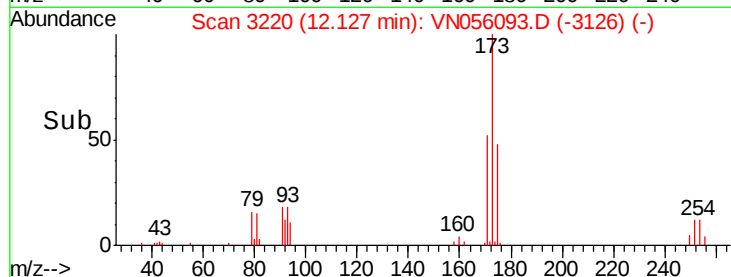
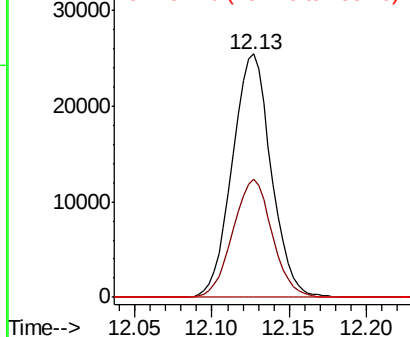
173 100

175 49.0 24.3 72.8

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: VN056093.D

Acq: 7 Jun 2019 12:26

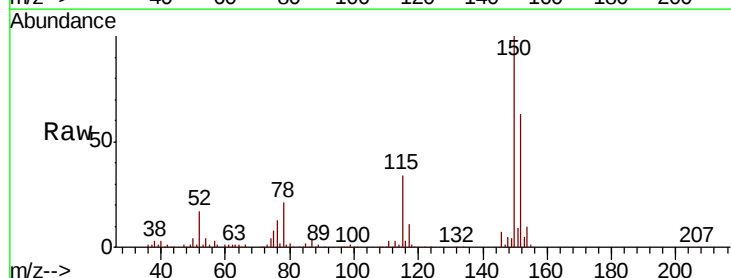
Tgt Ion:152 Resp: 205507

Ion Ratio Lower Upper

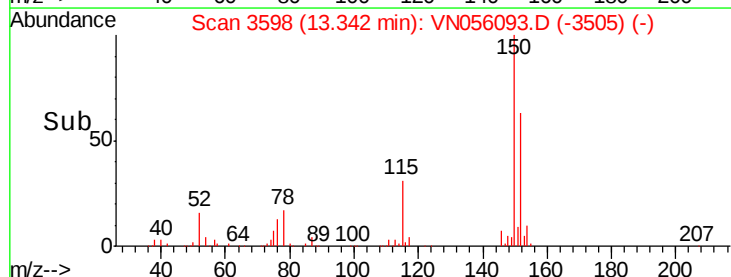
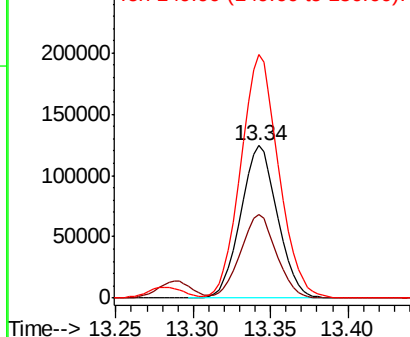
152 100

115 53.8 27.0 81.0

150 164.7 0.0 343.2



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: 21.478 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN056093.D

Acq: 7 Jun 2019 12:26

Instrument :

MSVOA_N

ClientSampleId :

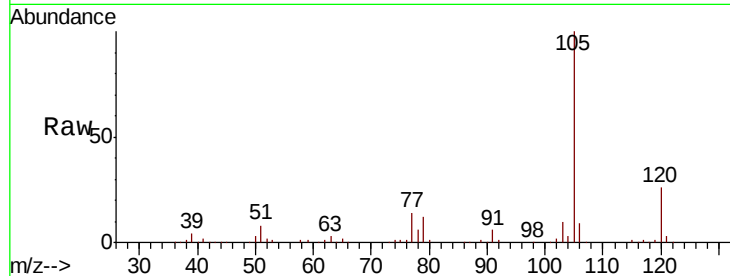
VN0608WBS02

Tot Ion:105 Resp: 334840

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

200000

150000

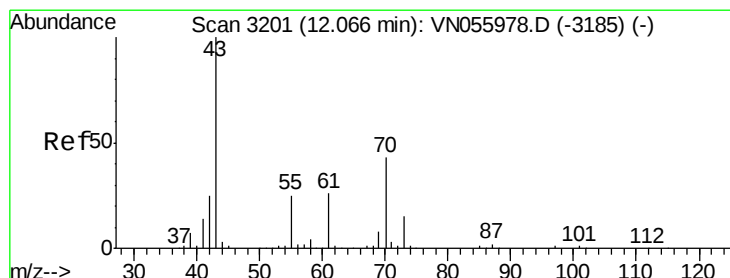
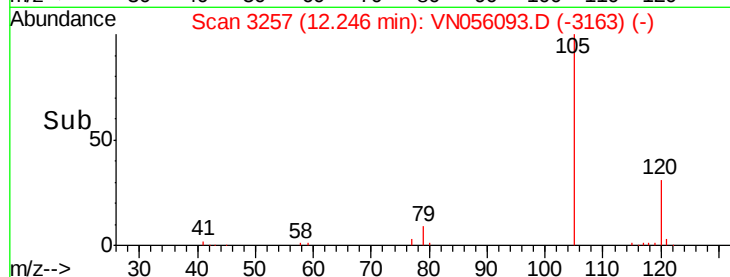
100000

50000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 21.866 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056093.D

Acq: 7 Jun 2019 12:26

Tgt Ion: 43 Resp: 119783

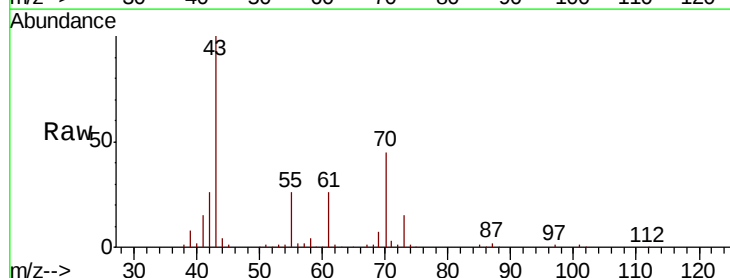
Ion Ratio Lower Upper

43 100

70 44.2 34.0 51.0

55 25.8 18.6 28.0

61 25.4 20.0 30.0



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

120000

100000

80000

60000

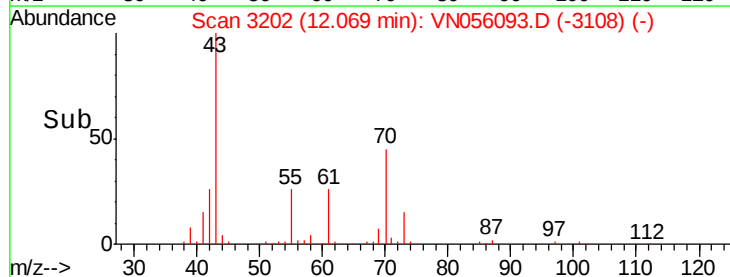
40000

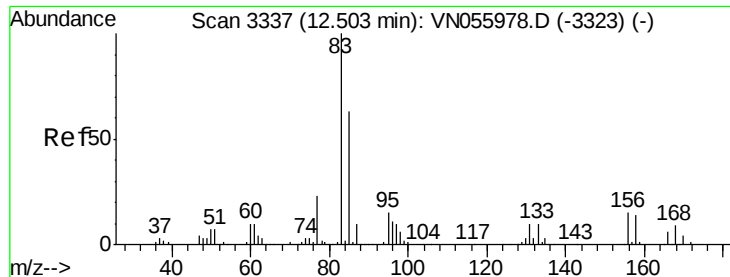
20000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 20.986 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056093.D

Acq: 7 Jun 2019 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS02

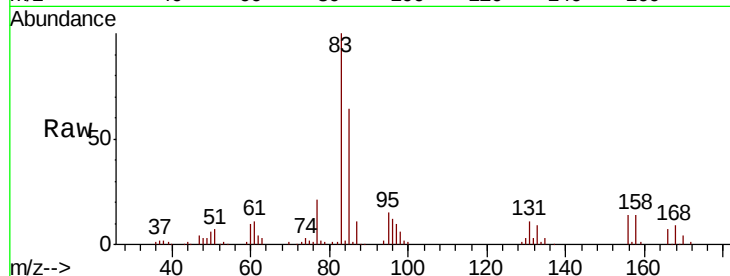
Tot Ion: 83 Resp: 100118

Ion Ratio Lower Upper

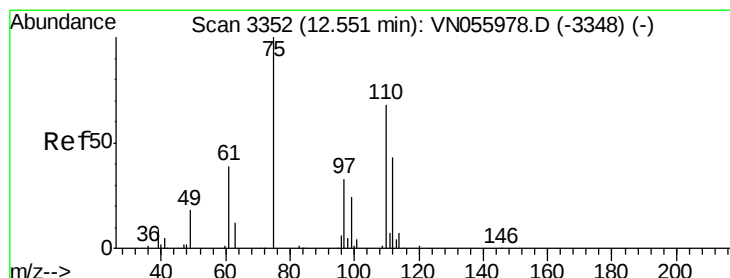
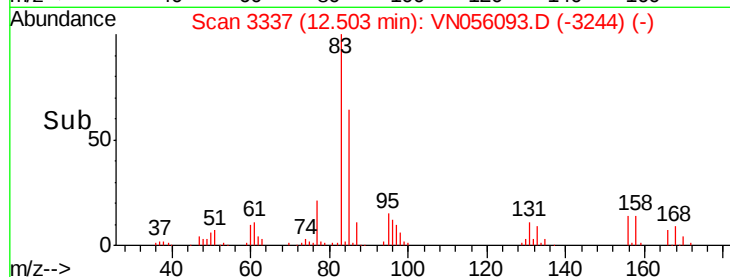
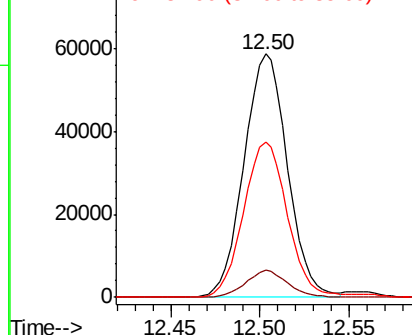
83 100

131 10.7 5.4 16.2

85 65.4 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 29.758 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056093.D

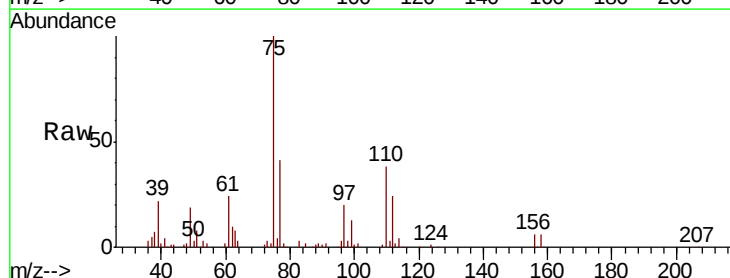
Acq: 7 Jun 2019 12:26

Tgt Ion: 75 Resp: 112529

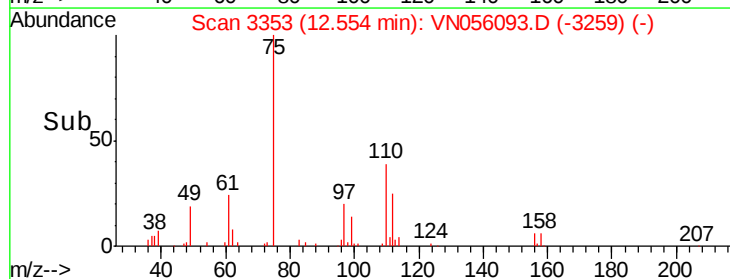
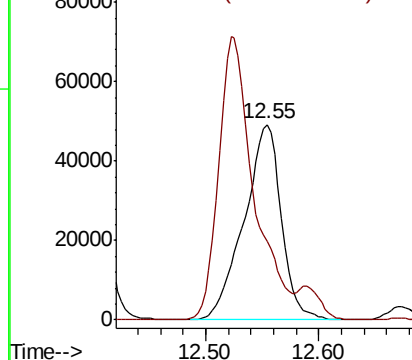
Ion Ratio Lower Upper

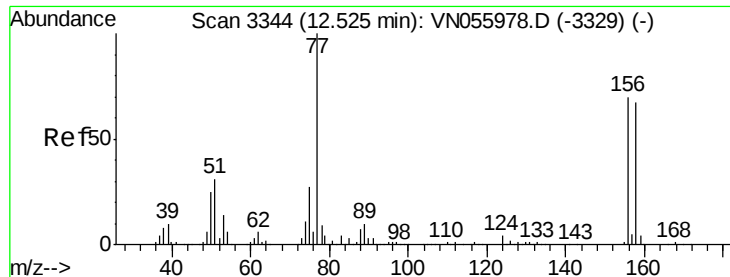
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.002 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN056093.D

Acq: 7 Jun 2019 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS02

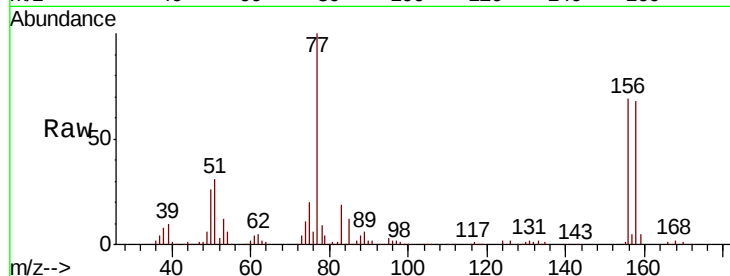
Tot Ion:156 Resp: 88006

Ion Ratio Lower Upper

156 100

77 174.9 90.8 272.5

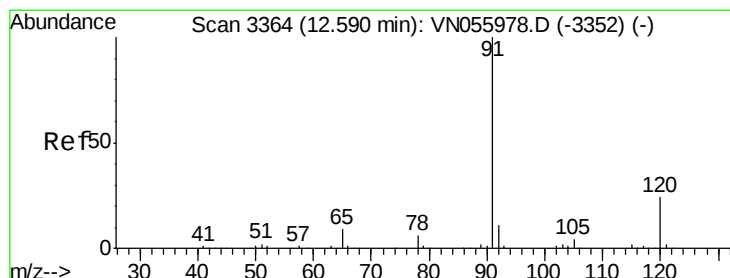
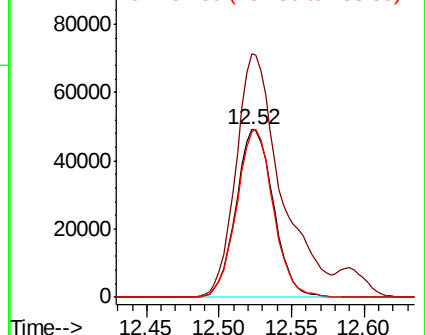
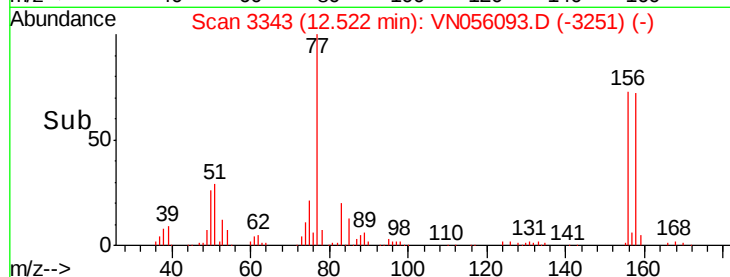
158 98.2 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.873 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056093.D

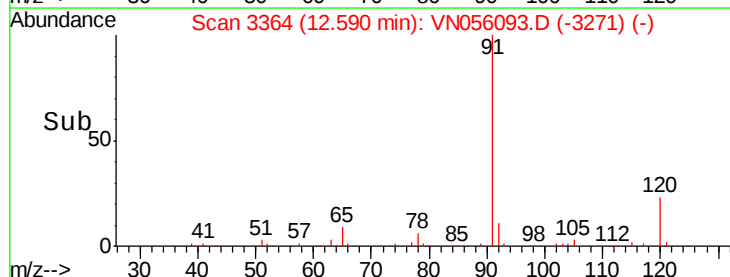
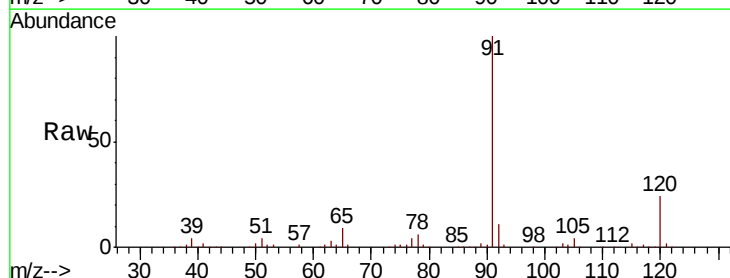
Acq: 7 Jun 2019 12:26

Tgt Ion: 91 Resp: 362893

Ion Ratio Lower Upper

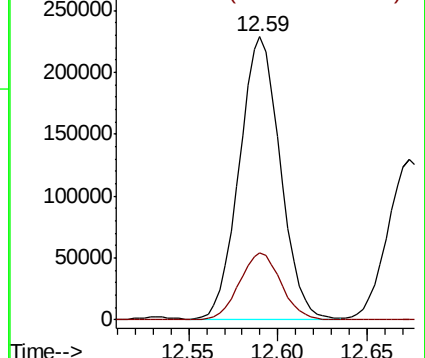
91 100

120 24.2 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.138 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056093.D

Acq: 7 Jun 2019 12:26

Instrument :

MSVOA_N

ClientSampleId :

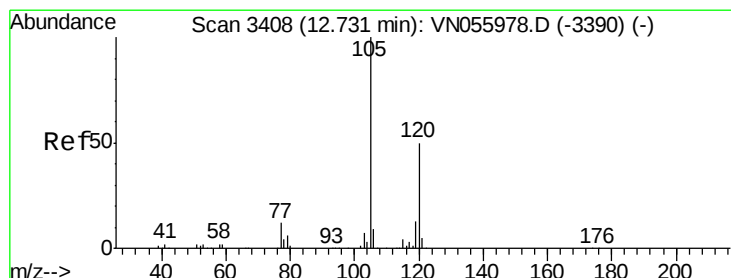
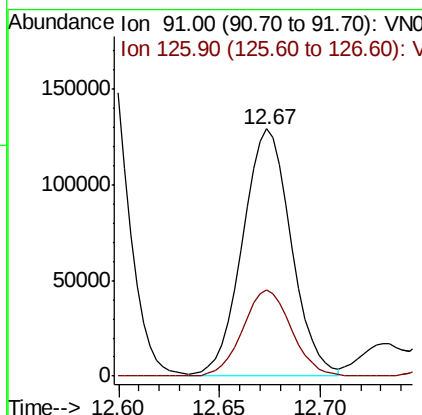
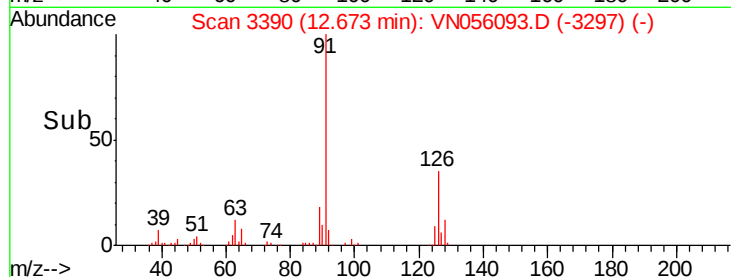
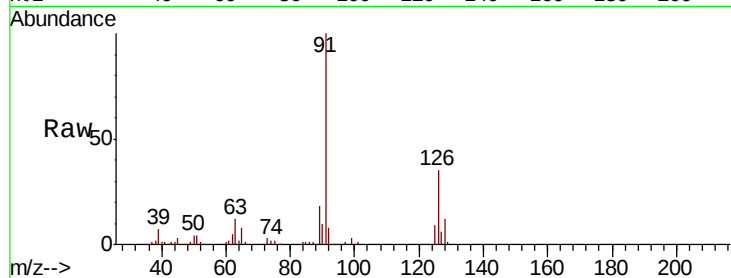
VN0608WBS02

Tot Ion: 91 Resp: 216765

Ion Ratio Lower Upper

91 100

126 35.2 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 19.951 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056093.D

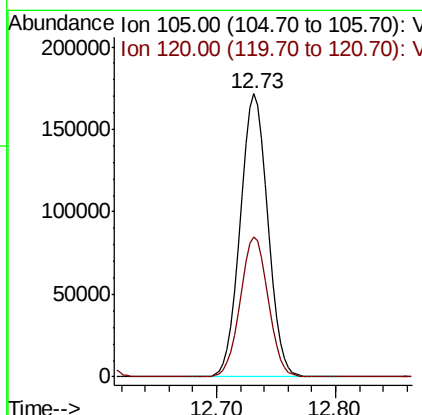
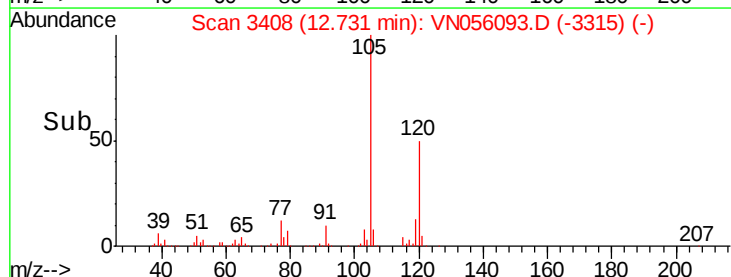
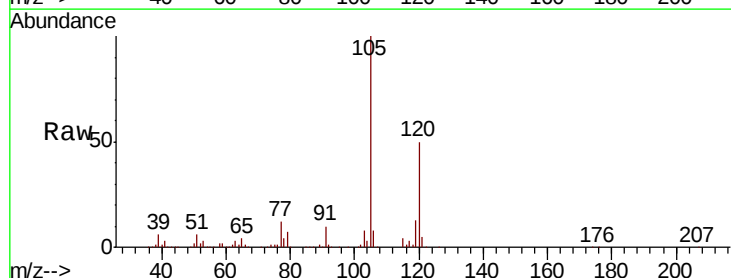
Acq: 7 Jun 2019 12:26

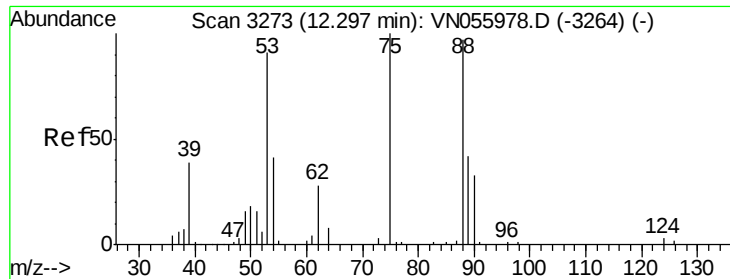
Tgt Ion: 105 Resp: 275669

Ion Ratio Lower Upper

105 100

120 50.1 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 18.552 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056093.D

Acq: 7 Jun 2019 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS02

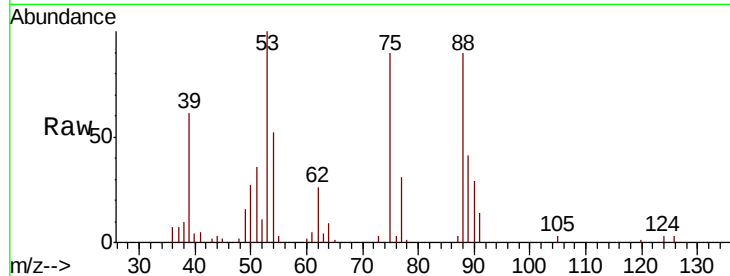
Tot Ion: 75 Resp: 21066

Ion Ratio Lower Upper

75 100

53 109.5 68.1 102.1#

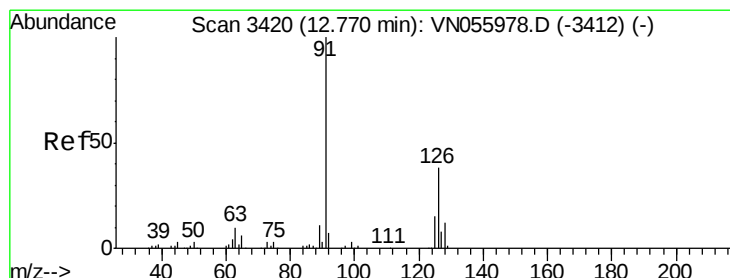
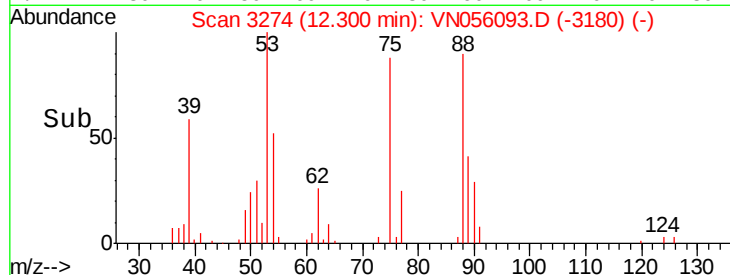
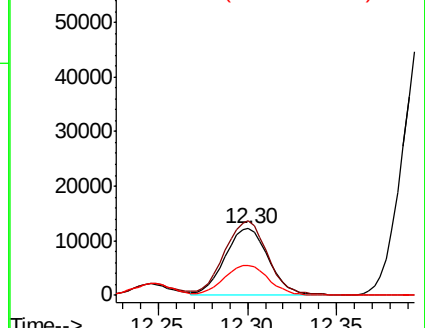
89 45.0 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.730 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056093.D

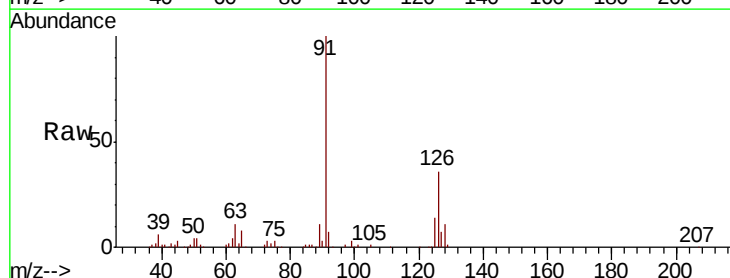
Acq: 7 Jun 2019 12:26

Tgt Ion: 91 Resp: 210858

Ion Ratio Lower Upper

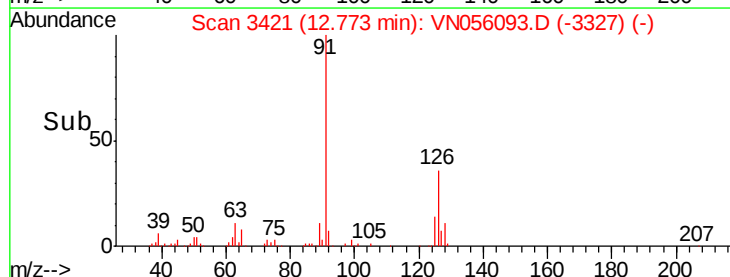
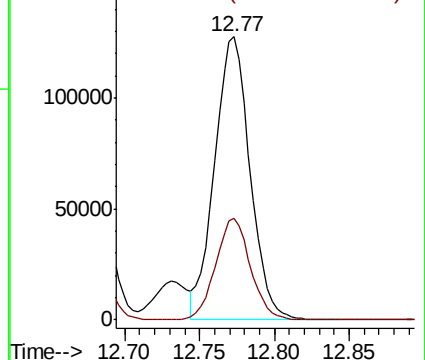
91 100

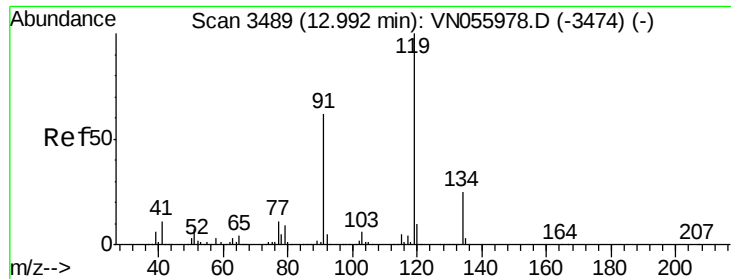
126 35.2 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

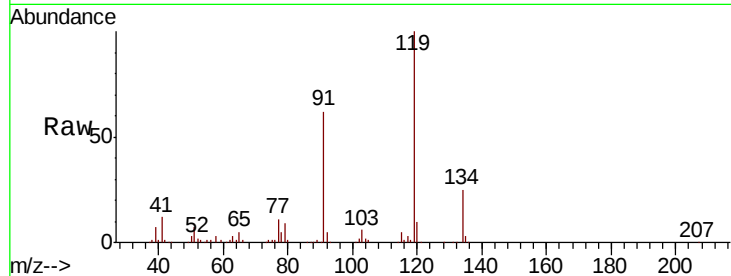




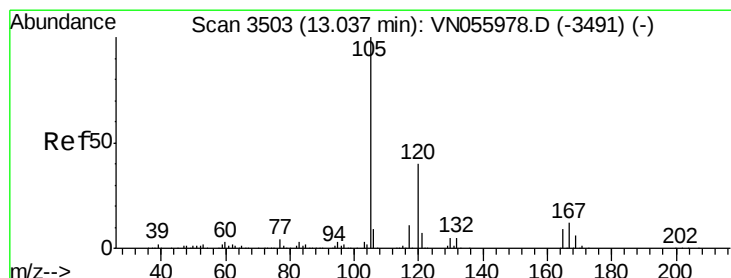
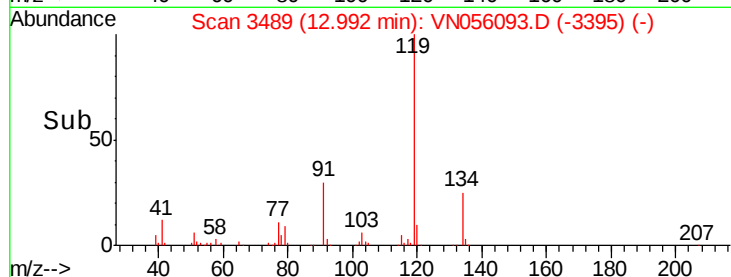
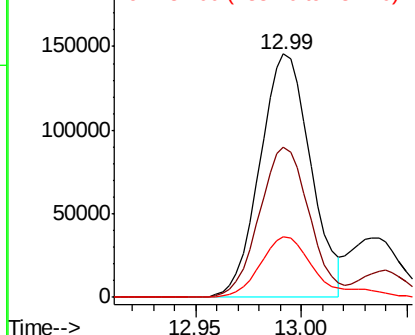
#83
tert-Butylbenzene
Concen: 21.108 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056093.D
Acq: 7 Jun 2019 12:26

Instrument :
MSVOA_N
ClientSampled :
VN0608WBS02

Tot Ion:119 Resp: 243197
Ion Ratio Lower Upper
119 100
91 61.1 30.9 92.8
134 27.3 13.3 39.8

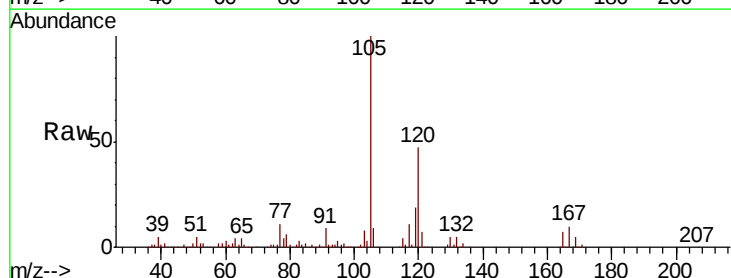


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

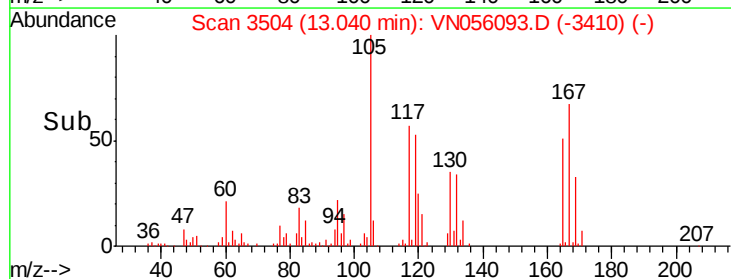
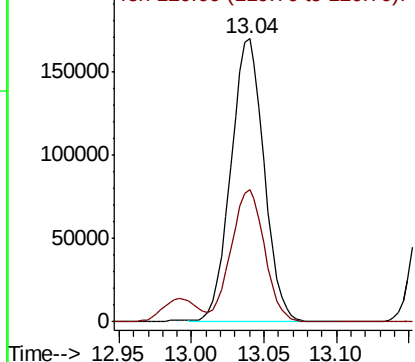


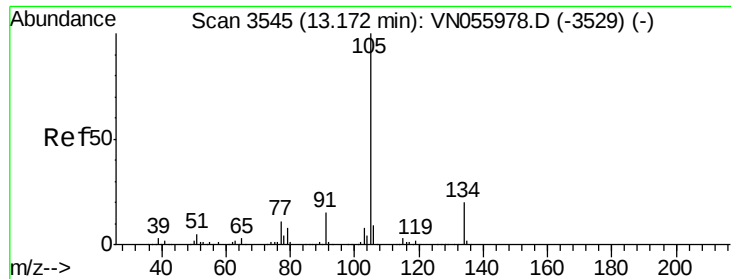
#84
1,2,4-Trimethylbenzene
Concen: 20.571 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN056093.D
Acq: 7 Jun 2019 12:26

Tgt Ion:105 Resp: 269548
Ion Ratio Lower Upper
105 100
120 46.9 23.0 69.0



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

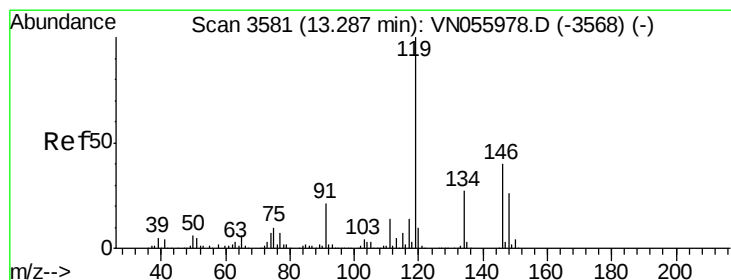
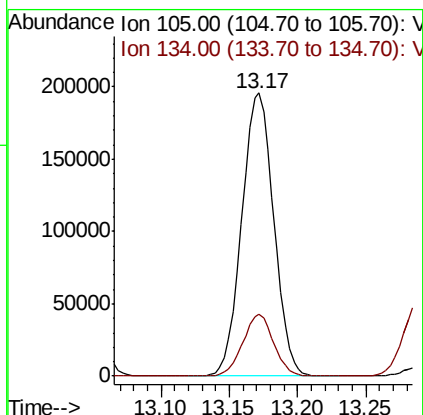
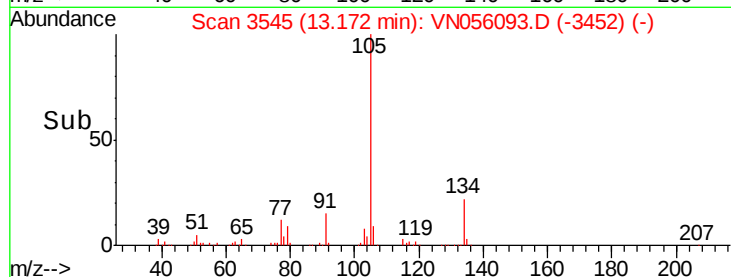
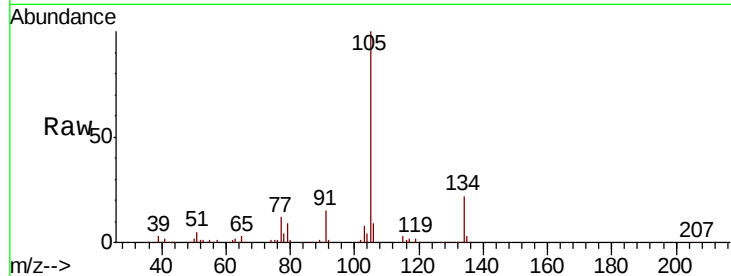




#85
 sec-Butylbenzene
 Concen: 20.698 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056093.D
 Acq: 7 Jun 2019 12:26

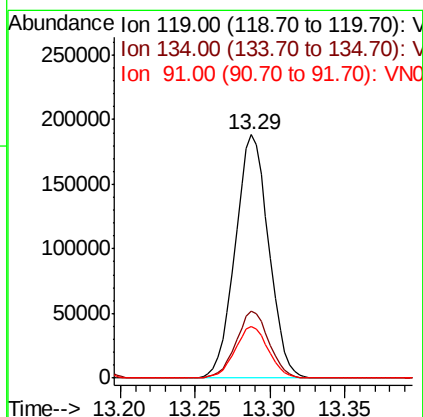
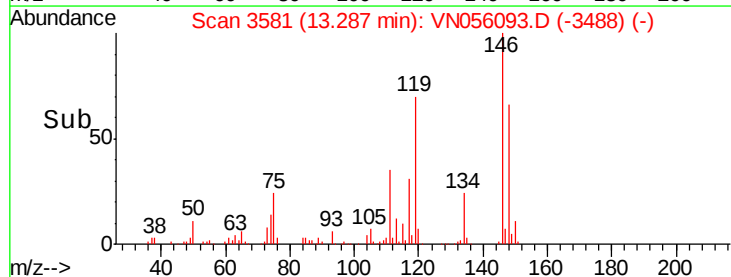
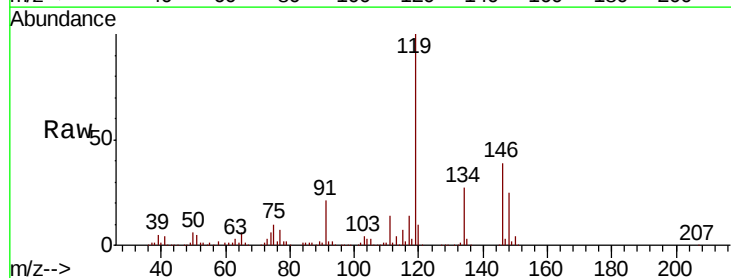
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS02

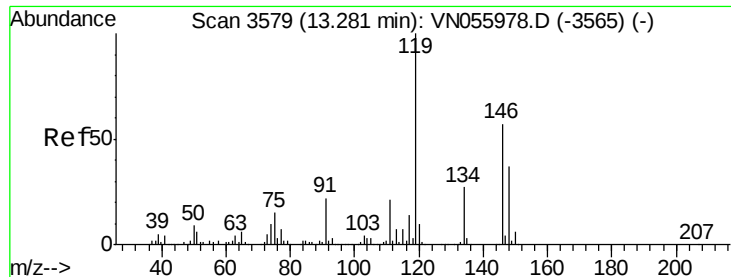
Tot Ion:105 Resp: 318683
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 21.226 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN056093.D
 Acq: 7 Jun 2019 12:26

Tgt Ion:119 Resp: 292488
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.1
 91 21.1 10.9 32.9

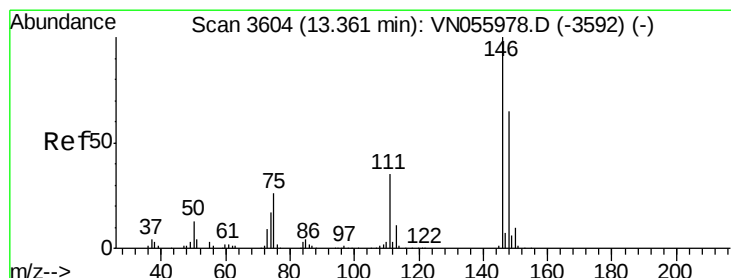
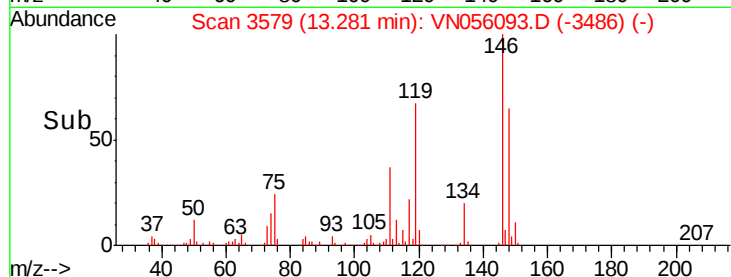
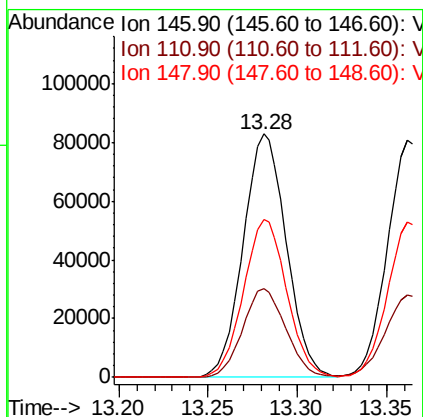
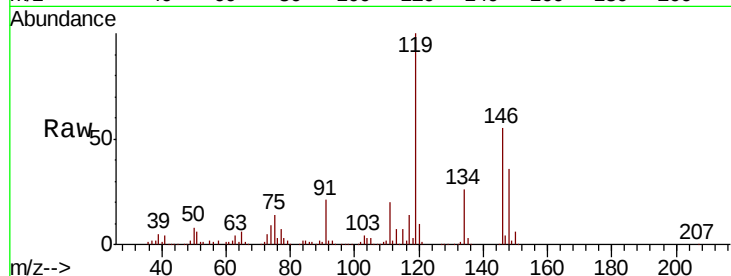




#87
 1,3-Dichlorobenzene
 Concen: 20.596 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056093.D
 Acq: 7 Jun 2019 12:26

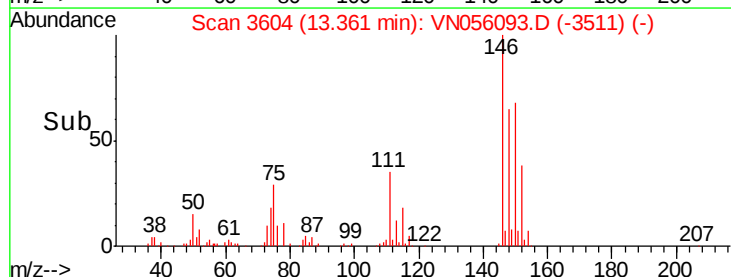
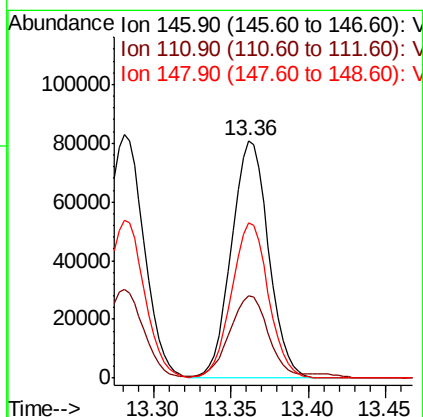
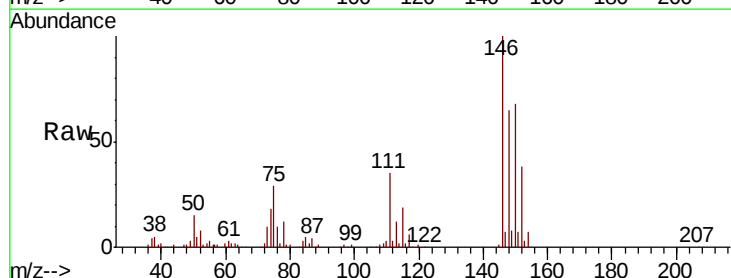
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS02

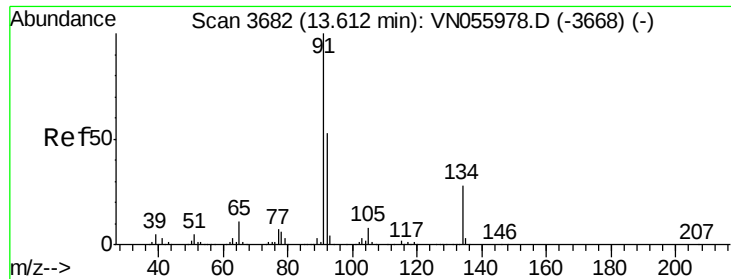
Tot Ion:146 Resp: 140251
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.5 55.5
 148 64.9 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 20.543 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056093.D
 Acq: 7 Jun 2019 12:26

Tgt Ion:146 Resp: 134571
 Ion Ratio Lower Upper
 146 100
 111 35.4 18.1 54.4
 148 65.0 32.1 96.5

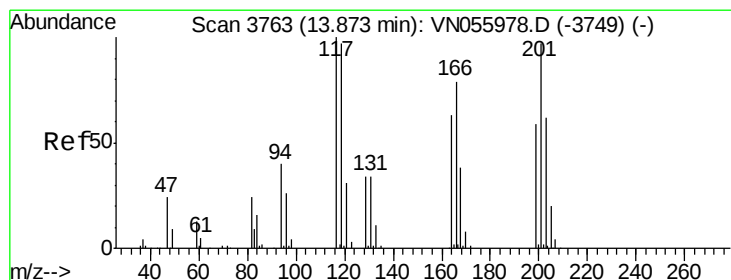
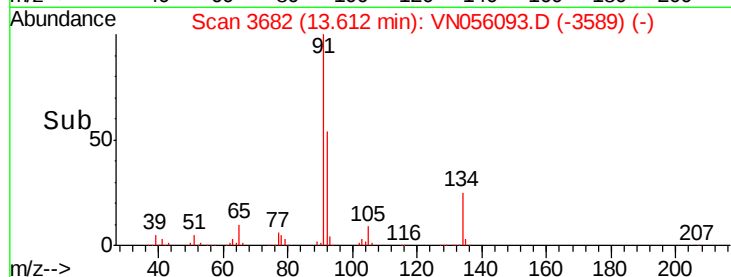
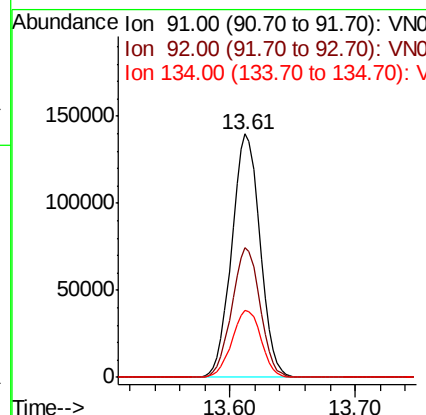
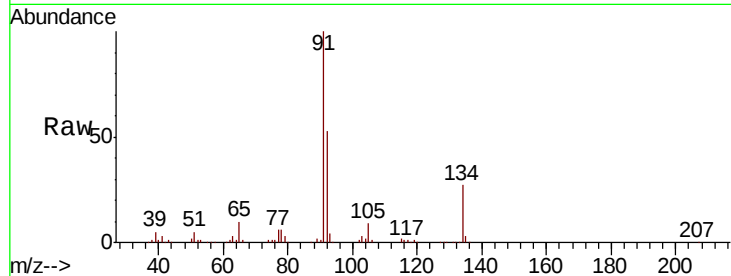




#89
n-Butylbenzene
Concen: 21.449 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056093.D
Acq: 7 Jun 2019 12:26

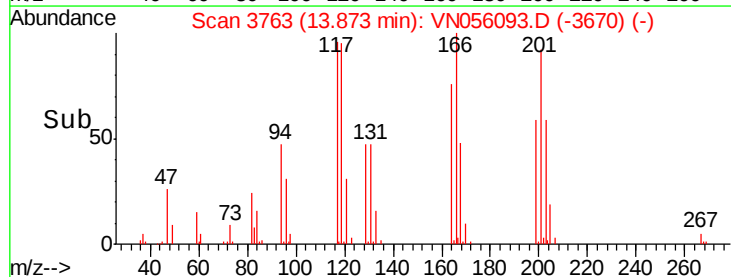
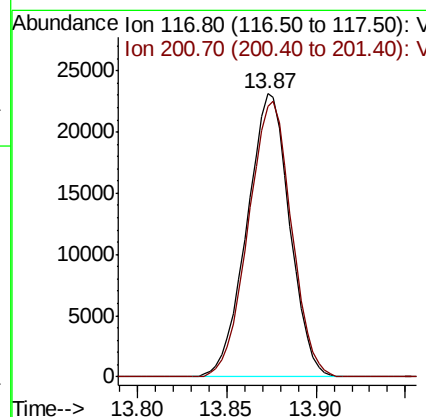
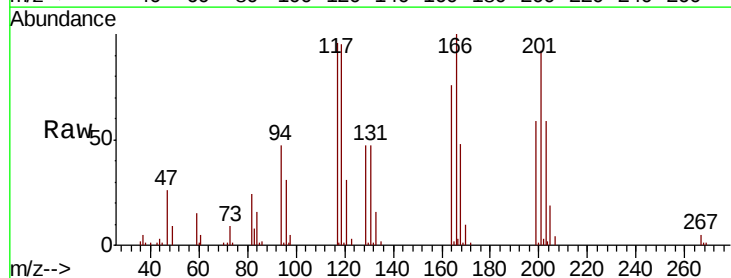
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS02

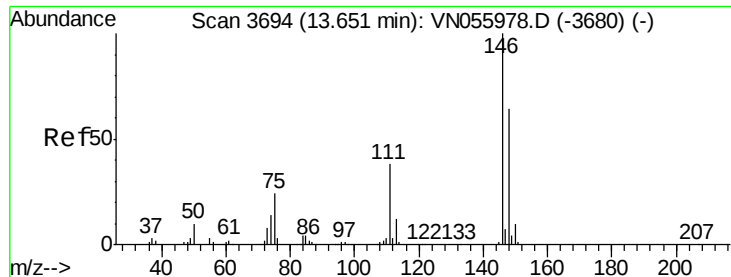
Tot Ion: 91 Resp: 218945
Ion Ratio Lower Upper
91 100
92 53.1 26.4 79.0
134 28.2 13.9 41.7



#90
Hexachloroethane
Concen: 18.604 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056093.D
Acq: 7 Jun 2019 12:26

Tgt Ion: 117 Resp: 38661
Ion Ratio Lower Upper
117 100
201 98.3 50.0 150.0





#91

1,2-Dichlorobenzene

Concen: 20.346 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN056093.D

Acq: 7 Jun 2019 12:26

Instrument :

MSVOA_N

ClientSampled :

VN0608WBS02

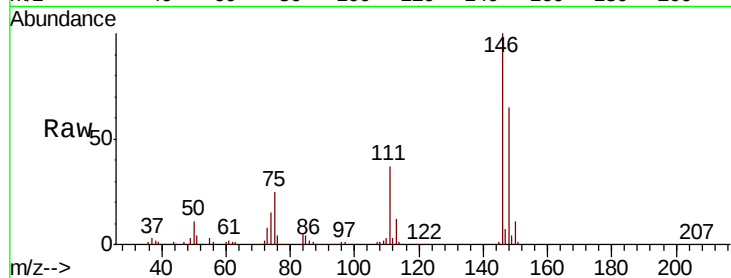
Tot Ion:146 Resp: 139879

Ion Ratio Lower Upper

146 100

111 36.9 19.1 57.5

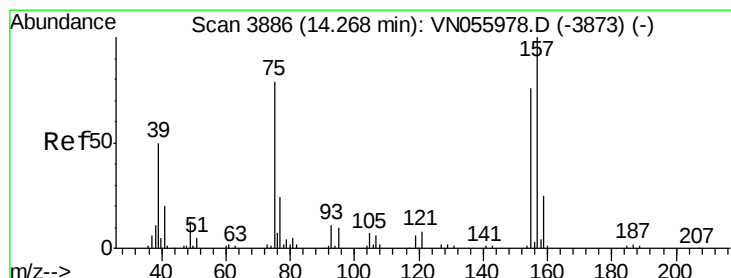
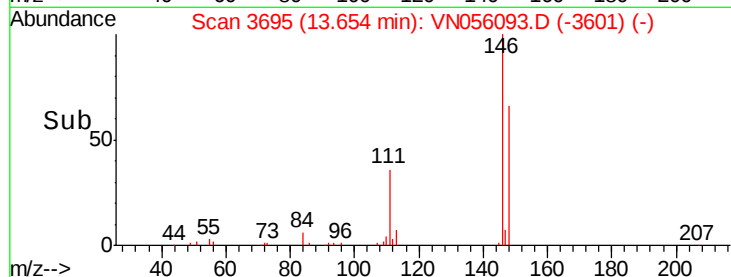
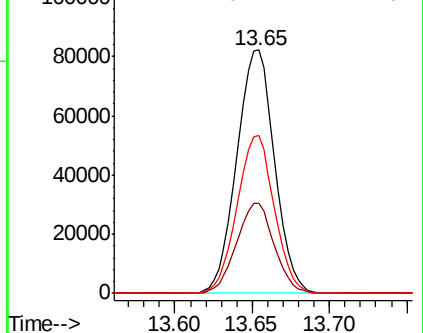
148 63.8 31.9 95.9



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: 21.017 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056093.D

Acq: 7 Jun 2019 12:26

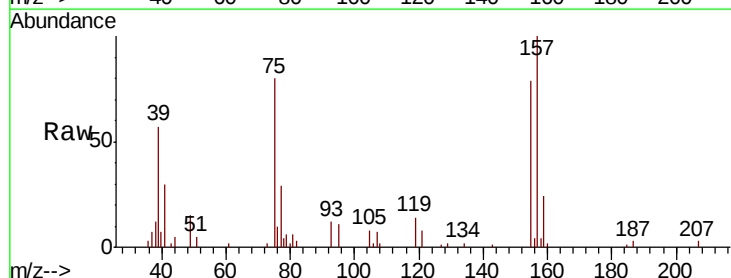
Tgt Ion: 75 Resp: 14341

Ion Ratio Lower Upper

75 100

155 102.2 50.0 150.1

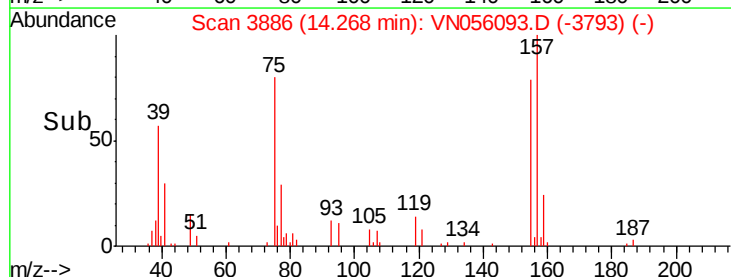
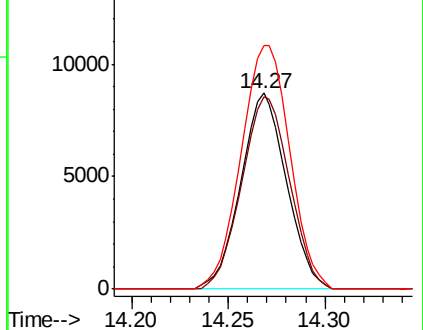
157 132.5 64.8 194.3



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

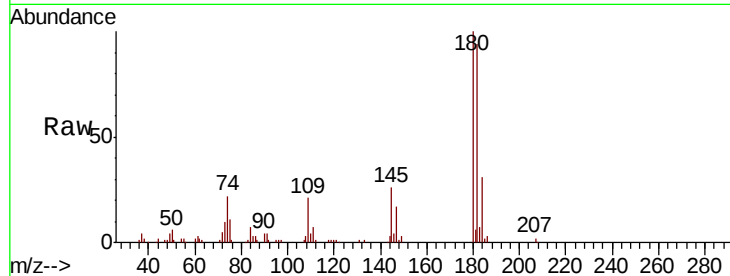




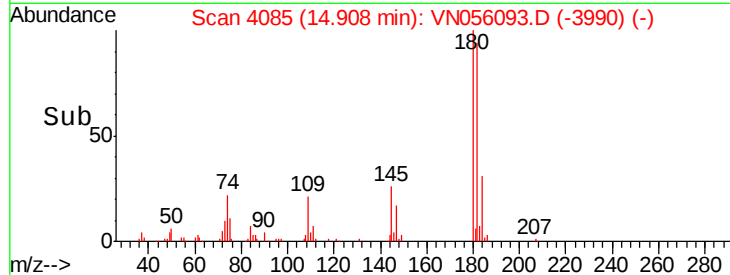
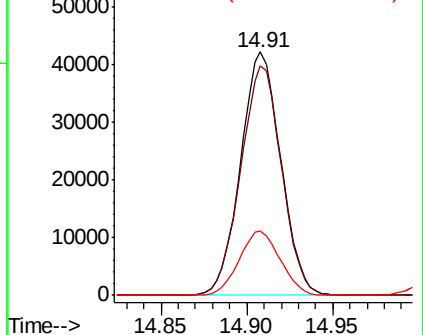
#93
 1,2,4-Trichlorobenzene
 Concen: 20.803 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056093.D
 Acq: 7 Jun 2019 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS02

Tot Ion:180 Resp: 68486
 Ion Ratio Lower Upper
 180 100
 182 95.5 48.3 144.9
 145 27.0 14.0 41.9

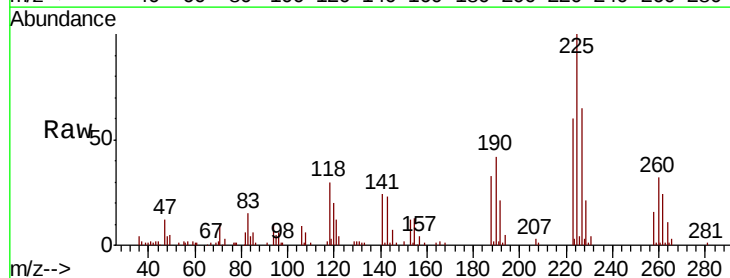


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

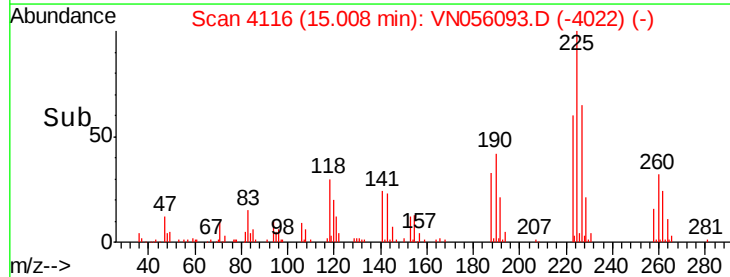
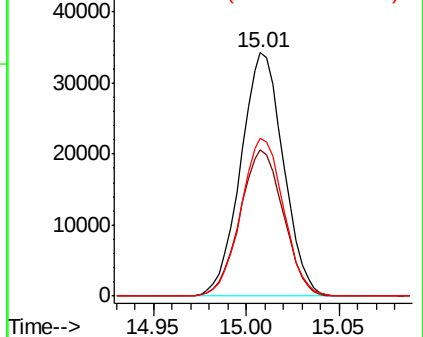


#94
 Hexachlorobutadiene
 Concen: 22.030 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056093.D
 Acq: 7 Jun 2019 12:26

Tgt Ion:225 Resp: 54697
 Ion Ratio Lower Upper
 225 100
 223 61.0 30.9 92.7
 227 64.6 31.6 94.7



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: 21.626 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056093.D

Acq: 7 Jun 2019 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS02

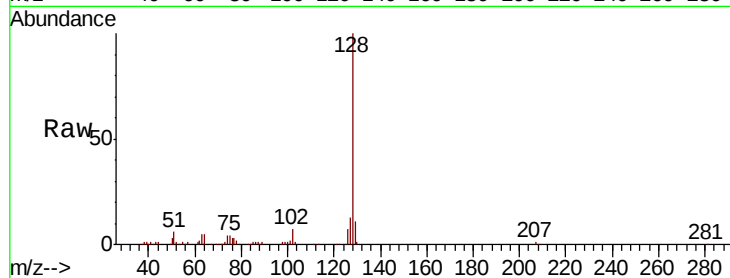
Tot Ion:128 Resp: 189300

Ion Ratio Lower Upper

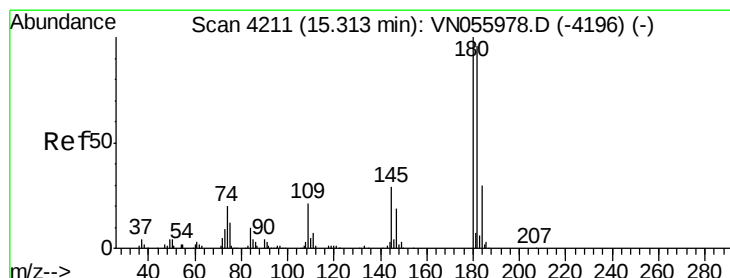
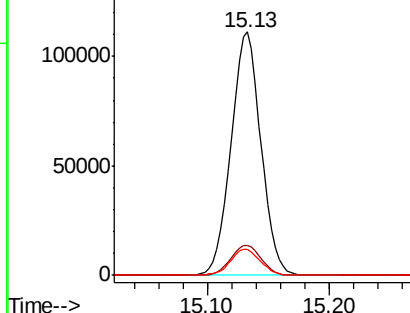
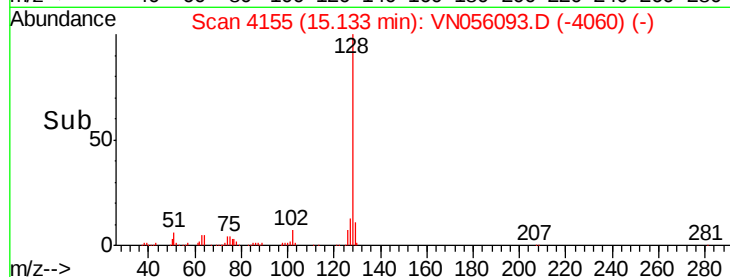
128 100

127 12.6 10.3 15.5

129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
150000
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.617 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056093.D

Acq: 7 Jun 2019 12:26

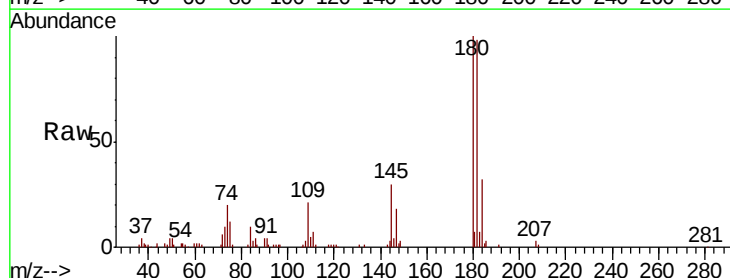
Tgt Ion:180 Resp: 76394

Ion Ratio Lower Upper

180 100

182 96.0 47.9 143.7

145 29.4 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V
50000
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

