

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071619\
 Data File : VN056756.D
 Acq On : 16 Jul 2019 10:20
 Operator : JC/SP
 Sample : VN0716WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBS01

Quant Time: Jul 17 01:06:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	343888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	530127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	468816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	203088	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	191479	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
35) Dibromofluoromethane	7.59	113	165224	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
50) Toluene-d8	10.09	98	643888	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.40	95	214094	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	60310	18.677	ug/l	98
3) Chloromethane	2.06	50	79620	18.340	ug/l	99
4) Vinyl Chloride	2.18	62	78700	18.825	ug/l	96
5) Bromomethane	2.55	94	50352	20.481	ug/l	98
6) Chloroethane	2.70	64	45473	18.666	ug/l	98
7) Trichlorofluoromethane	3.01	101	99875	18.618	ug/l	99
8) Diethyl Ether	3.41	74	40934	19.572	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	62977	19.540	ug/l	100
10) Methyl Iodide	3.95	142	74310	17.238	ug/l	99
11) Tert butyl alcohol	4.79	59	63244	99.887	ug/l	99
12) 1,1-Dichloroethene	3.73	96	61219	18.937	ug/l	100
13) Acrolein	3.61	56	24100	117.357	ug/l	95
14) Allyl chloride	4.32	41	105425	18.857	ug/l	98
15) Acrylonitrile	4.99	53	179527	98.185	ug/l	99
16) Acetone	3.82	43	178855	102.033	ug/l	98
17) Carbon Disulfide	4.05	76	155910	18.251	ug/l	100
18) Methyl Acetate	4.33	43	81944	20.235	ug/l	96
19) Methyl tert-butyl Ether	5.04	73	196919	19.118	ug/l	99
20) Methylene Chloride	4.55	84	73099	19.082	ug/l	93
21) trans-1,2-Dichloroethene	5.04	96	66814	19.552	ug/l	98
22) Diisopropyl ether	5.95	45	216091	19.582	ug/l	95
23) Vinyl Acetate	5.90	43	896052	100.204	ug/l	100
24) 1,1-Dichloroethane	5.85	63	126110	19.711	ug/l	99
25) 2-Butanone	6.84	43	255101	99.541	ug/l	98
26) 2,2-Dichloropropane	6.82	77	90916	19.708	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	77112	19.611	ug/l	99
28) Bromochloromethane	7.19	49	60135	19.991	ug/l	99
29) Tetrahydrofuran	7.21	42	163414	97.764	ug/l	97
30) Chloroform	7.37	83	123240	19.249	ug/l	98
31) Cyclohexane	7.65	56	121005	19.899	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	99134	19.579	ug/l	98
36) 1,1-Dichloropropene	7.79	75	92718	18.900	ug/l	99
37) Ethyl Acetate	6.93	43	95609	19.775	ug/l	98
38) Carbon Tetrachloride	7.77	117	85056	18.489	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071619\
 Data File : VN056756.D
 Acq On : 16 Jul 2019 10:20
 Operator : JC/SP
 Sample : VN0716WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBS01

Quant Time: Jul 17 01:06:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	114122	18.841	ug/l	98
40) Benzene	8.04	78	290996	19.360	ug/l	100
41) Methacrylonitrile	7.17	41	46275	21.789	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	93180	19.615	ug/l	99
43) Isopropyl Acetate	8.17	43	154055	20.268	ug/l	99
44) Trichloroethene	8.84	130	78729	19.288	ug/l	98
45) 1,2-Dichloropropane	9.12	63	78193	19.578	ug/l	96
46) Dibromomethane	9.21	93	48489	19.591	ug/l	99
47) Bromodichloromethane	9.40	83	90536	19.249	ug/l	98
48) Methyl methacrylate	9.20	41	73987	20.128	ug/l	99
49) 1,4-Dioxane	9.20	88	30677	406.719	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	480408	97.584	ug/l	99
52) Toluene	10.16	92	176576	19.781	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	96217	19.608	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	111292	19.545	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	72200	19.284	ug/l	99
56) Ethyl methacrylate	10.43	69	107385	19.933	ug/l	99
57) 1,3-Dichloropropane	10.71	76	122079	19.964	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	252286	97.386	ug/l	100
59) 2-Hexanone	10.75	43	354112	100.246	ug/l	100
60) Dibromochloromethane	10.90	129	72271	19.627	ug/l	100
61) 1,2-Dibromoethane	11.00	107	74300	19.968	ug/l	98
64) Tetrachloroethene	10.63	164	78956	19.521	ug/l	99
65) Chlorobenzene	11.43	112	187735	19.584	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	68765	19.483	ug/l	98
67) Ethyl Benzene	11.51	91	328539	19.502	ug/l	99
68) m/p-Xylenes	11.62	106	245813	39.043	ug/l	97
69) o-Xylene	11.95	106	120955	19.541	ug/l	100
70) Styrene	11.96	104	200478	20.034	ug/l	99
71) Bromoform	12.13	173	51531	19.189	ug/l #	98
73) Isopropylbenzene	12.25	105	316445	19.325	ug/l	100
74) N-amyl acetate	12.07	43	116526	19.107	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	102913	20.559	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	124110	27.941	ug/l #	100
77) Bromobenzene	12.53	156	85464	19.954	ug/l	96
78) n-propylbenzene	12.59	91	350623	19.287	ug/l	100
79) 2-Chlorotoluene	12.67	91	212637	20.188	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	269720	19.434	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	28273	19.658	ug/l	97
82) 4-Chlorotoluene	12.77	91	207577	19.457	ug/l	99
83) tert-Butylbenzene	12.99	119	227429	20.160	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	268339	19.791	ug/l	99
85) sec-Butylbenzene	13.17	105	302643	19.625	ug/l	100
86) p-Isopropyltoluene	13.29	119	272566	19.510	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	133830	19.066	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	129629	18.986	ug/l	98
89) n-Butylbenzene	13.61	91	216264	19.218	ug/l	99
90) Hexachloroethane	13.87	117	40212	17.799	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	135751	18.910	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16991	19.350	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071619\
Data File : VN056756.D
Acq On : 16 Jul 2019 10:20
Operator : JC/SP
Sample : VN0716WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBS01

Quant Time: Jul 17 01:06:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 07:03:34 2019
Response via : Initial Calibration

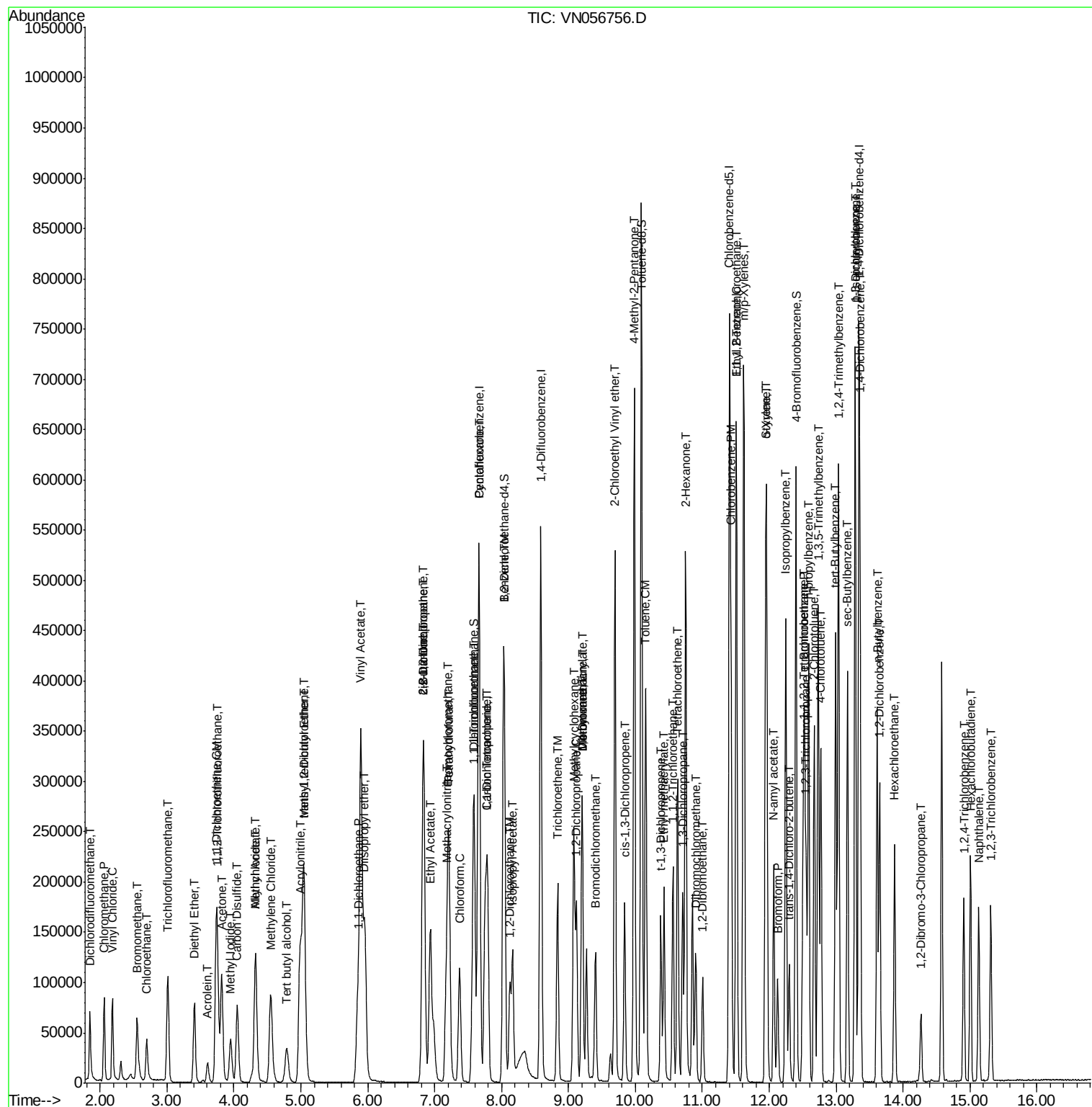
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	63272	18.467	ug/l	99
94) Hexachlorobutadiene	15.01	225	48815	20.891	ug/l	98
95) Naphthalene	15.13	128	154163	17.411	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	65666	18.891	ug/l	99

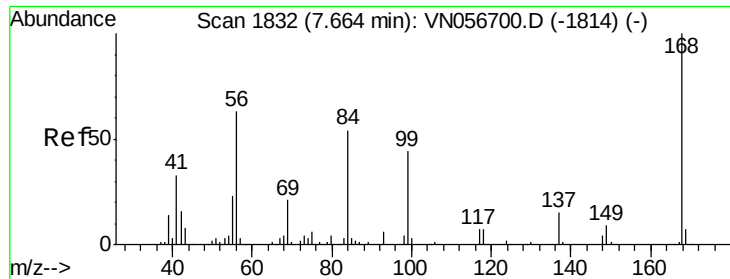
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071619\
 Data File : VN056756.D
 Acq On : 16 Jul 2019 10:20
 Operator : JC/SP
 Sample : VN0716WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBS01

Quant Time: Jul 17 01:06:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056756.D

Acq: 16 Jul 2019 10:20

Instrument :

MSVOA_N

ClientSampleId :

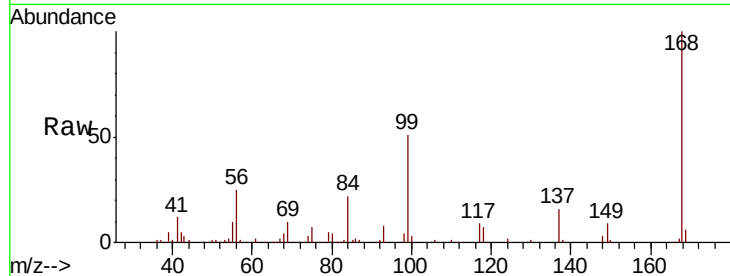
VN0716WBS01

Tot Ion:168 Resp: 343888

Ion Ratio Lower Upper

168 100

99 50.8 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

150000

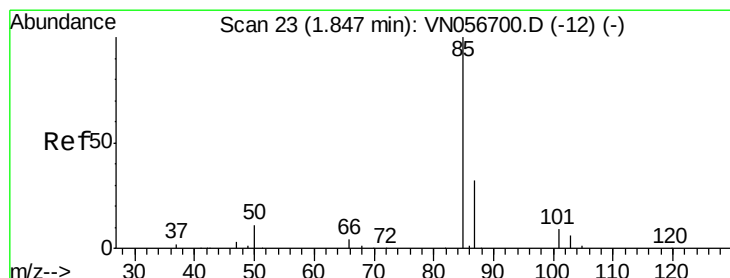
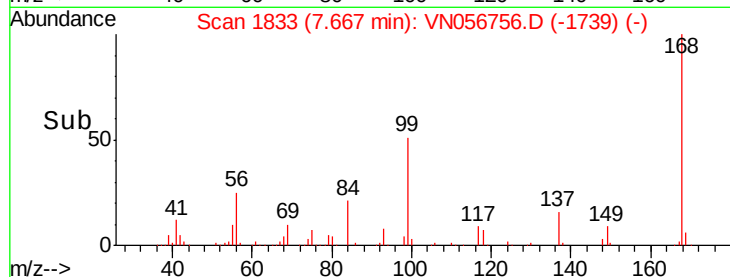
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.677 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN056756.D

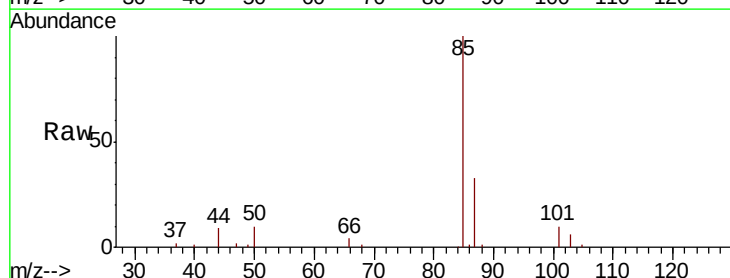
Acq: 16 Jul 2019 10:20

Tgt Ion: 85 Resp: 60310

Ion Ratio Lower Upper

85 100

87 33.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

40000

30000

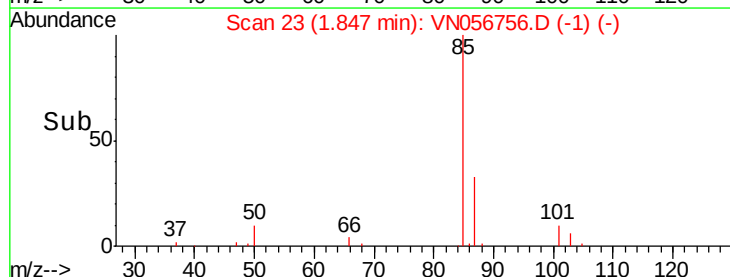
20000

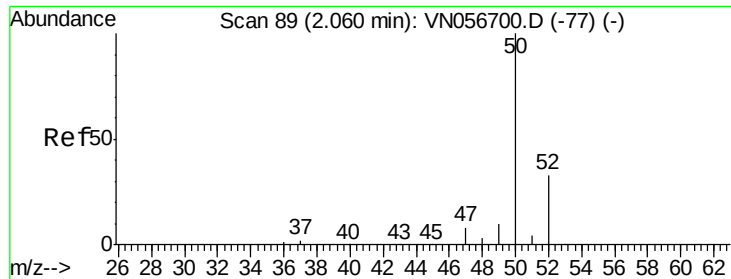
10000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 18.340 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN056756.D

Acq: 16 Jul 2019 10:20

Instrument :

MSVOA_N

ClientSampleId :

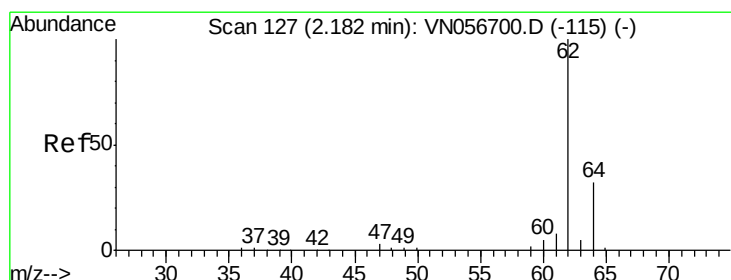
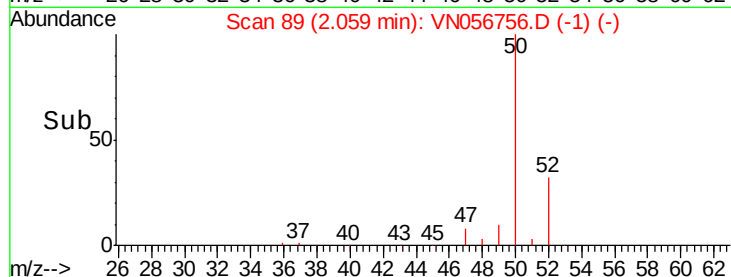
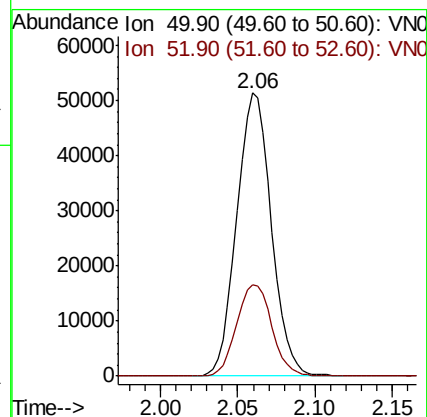
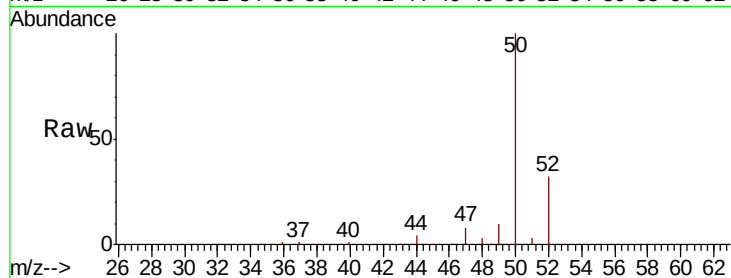
VN0716WBS01

Tot Ion: 50 Resp: 79620

Ion Ratio Lower Upper

50 100

52 32.4 26.5 39.7



#4

Vinyl Chloride

Concen: 18.825 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056756.D

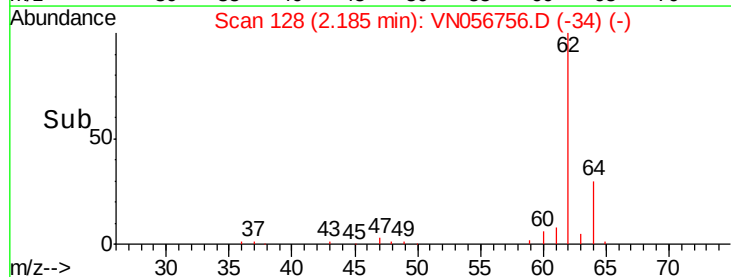
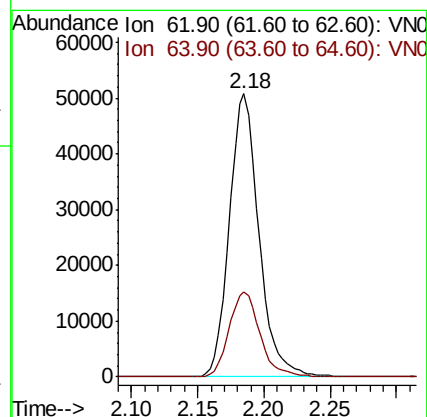
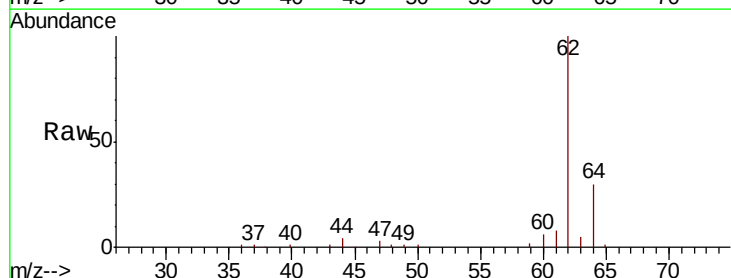
Acq: 16 Jul 2019 10:20

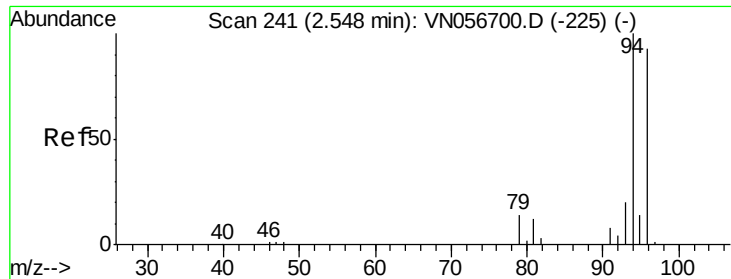
Tgt Ion: 62 Resp: 78700

Ion Ratio Lower Upper

62 100

64 29.9 25.6 38.4

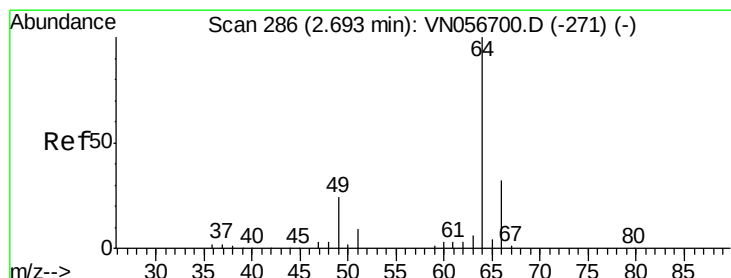
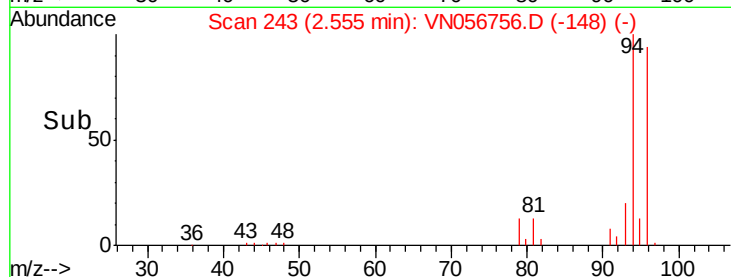
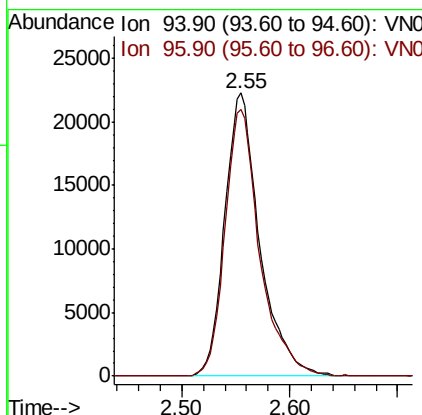
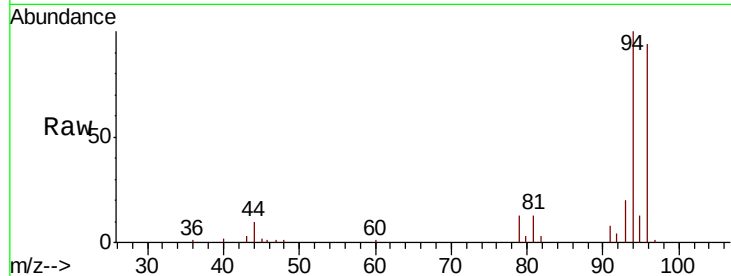




#5
Bromomethane
Concen: 20.481 ug/l
RT: 2.55 min Scan# 243
Delta R.T. 0.01 min
Lab File: VN056756.D
Acq: 16 Jul 2019 10:20

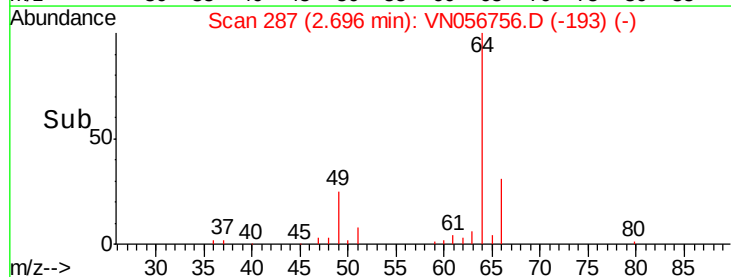
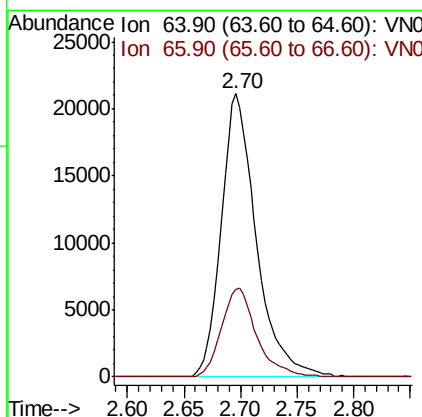
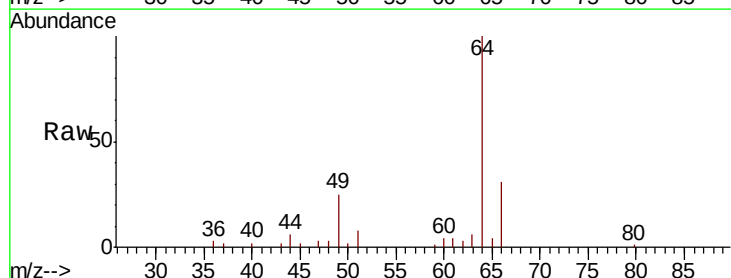
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBS01

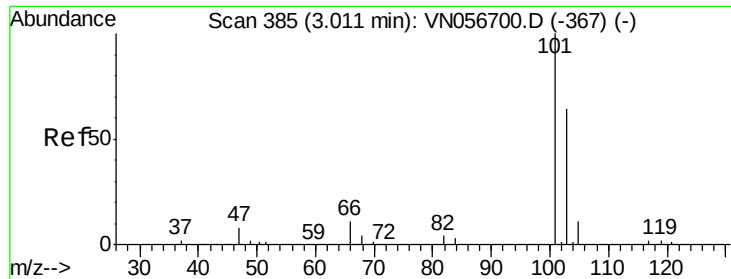
Tot Ion: 94 Resp: 50352
Ion Ratio Lower Upper
94 100
96 94.3 74.0 111.0



#6
Chloroethane
Concen: 18.666 ug/l
RT: 2.70 min Scan# 287
Delta R.T. 0.00 min
Lab File: VN056756.D
Acq: 16 Jul 2019 10:20

Tgt Ion: 64 Resp: 45473
Ion Ratio Lower Upper
64 100
66 31.0 25.8 38.8



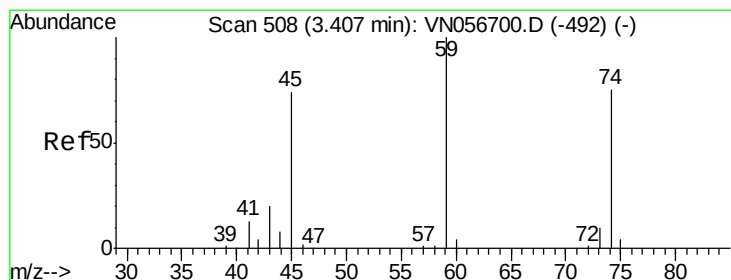
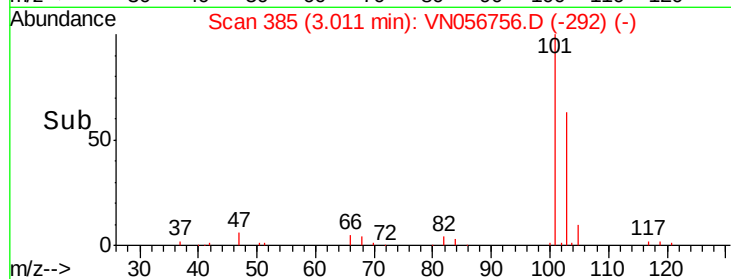
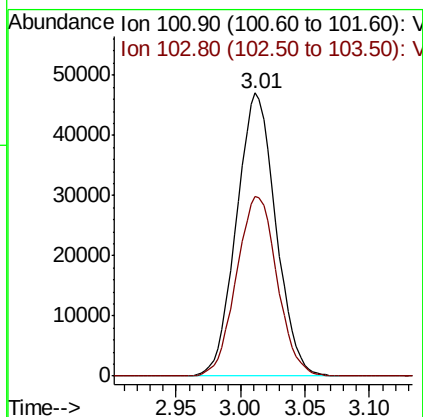
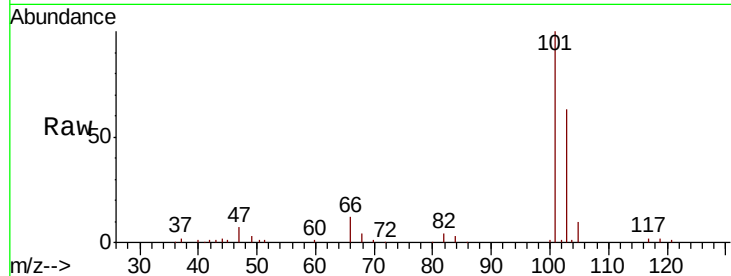


#7

Trichlorofluoromethane
Concen: 18.618 ug/l
RT: 3.01 min Scan# 385
Delta R.T. -0.00 min
Lab File: VN056756.D
Acq: 16 Jul 2019 10:20

Instrument :
MSVOA_N
ClientSampled :
VN0716WBS01

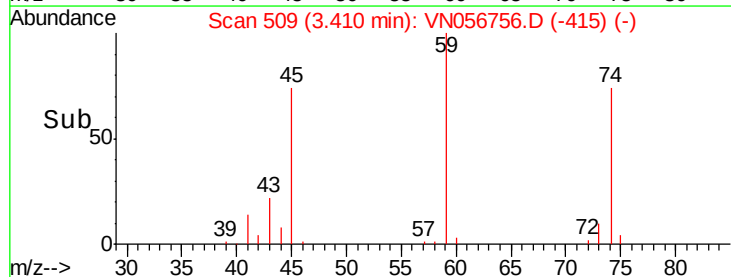
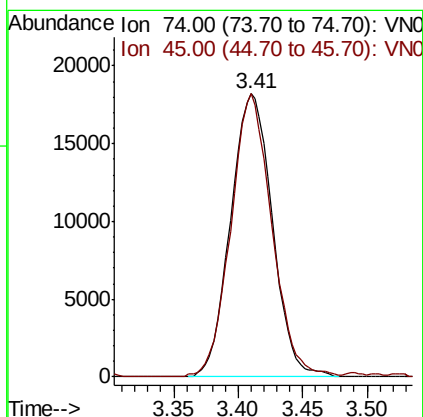
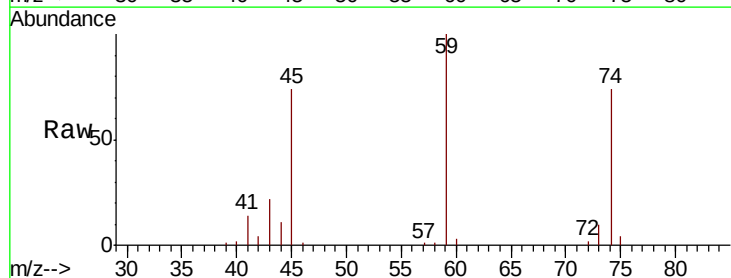
Tot Ion:101 Resp: 99875
Ion Ratio Lower Upper
101 100
103 63.3 51.5 77.3

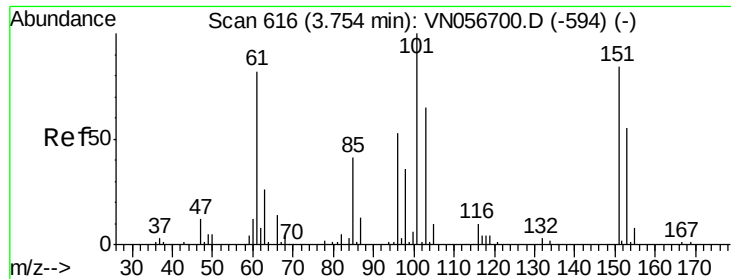


#8

Diethyl Ether
Concen: 19.572 ug/l
RT: 3.41 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN056756.D
Acq: 16 Jul 2019 10:20

Tgt Ion: 74 Resp: 40934
Ion Ratio Lower Upper
74 100
45 98.2 49.4 148.2

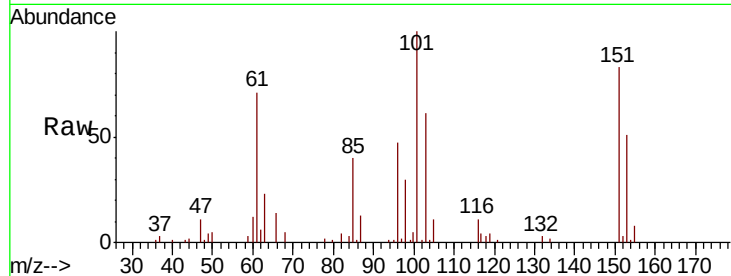




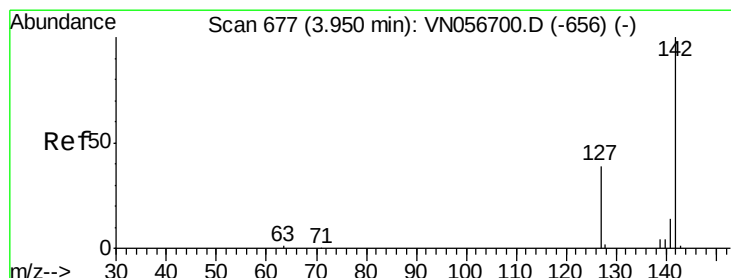
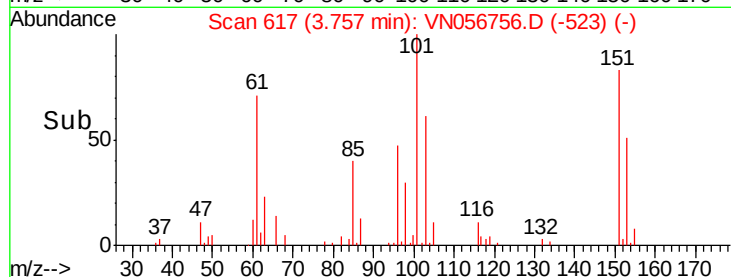
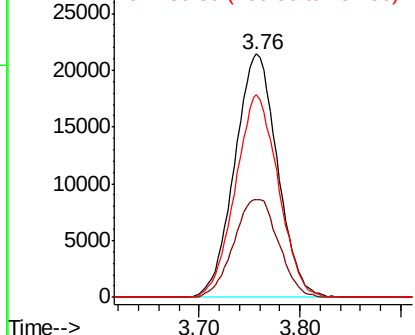
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.540 ug/l
 RT: 3.76 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: VN056756.D
 Acq: 16 Jul 2019 10:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBS01

Tot Ion:101 Resp: 62977
 Ion Ratio Lower Upper
 101 100
 85 42.1 33.3 49.9
 151 83.5 67.0 100.6

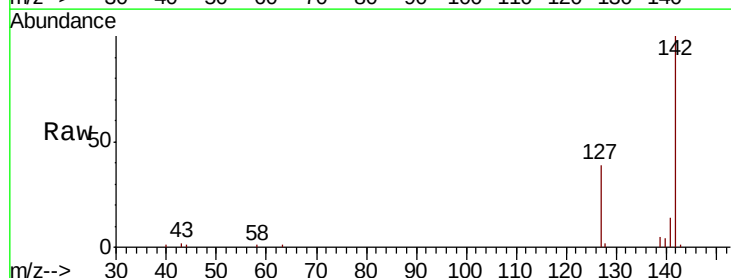


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

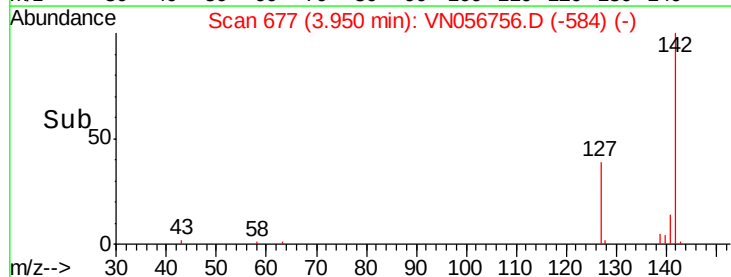
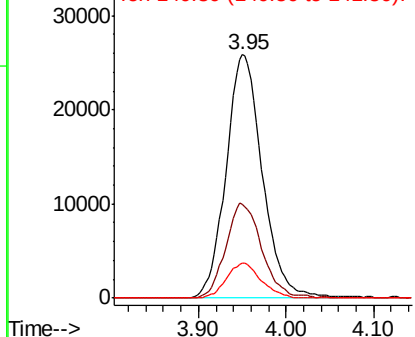


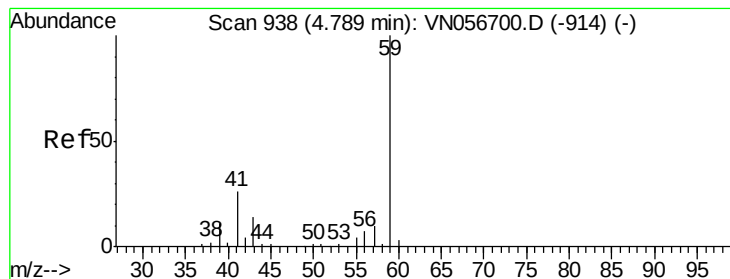
#10
 Methyl Iodide
 Concen: 17.238 ug/l
 RT: 3.95 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: VN056756.D
 Acq: 16 Jul 2019 10:20

Tgt Ion:142 Resp: 74310
 Ion Ratio Lower Upper
 142 100
 127 38.6 30.7 46.1
 141 13.7 11.3 16.9



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: 99.887 ug/l

RT: 4.79 min Scan# 938

Delta R.T. -0.00 min

Lab File: VN056756.D

Acq: 16 Jul 2019 10:20

Instrument :

MSVOA_N

ClientSampleId :

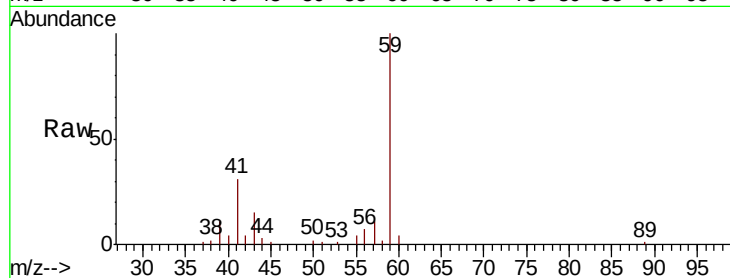
VN0716WBS01

Tot Ion: 59 Resp: 63244

Ion Ratio Lower Upper

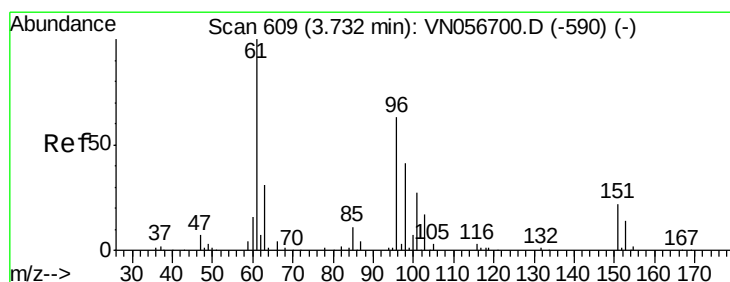
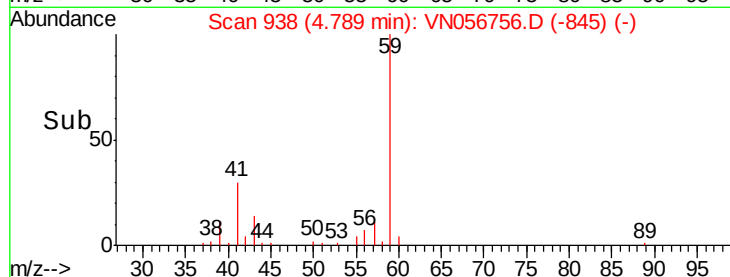
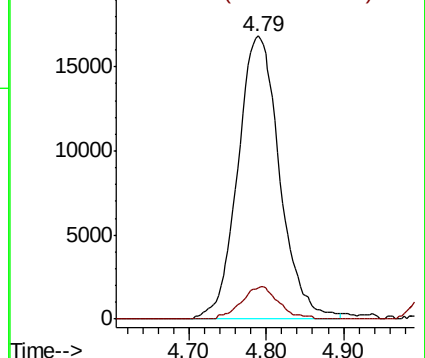
59 100

57 10.3 8.0 12.0



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 18.937 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN056756.D

Acq: 16 Jul 2019 10:20

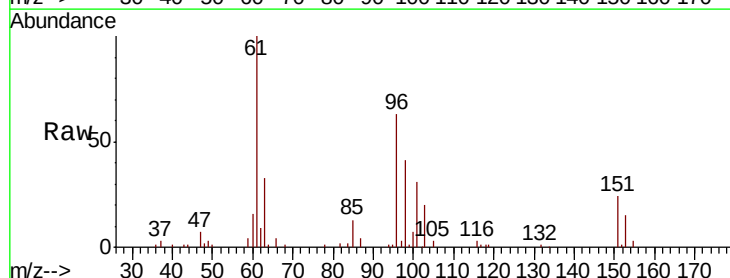
Tgt Ion: 96 Resp: 61219

Ion Ratio Lower Upper

96 100

61 158.1 126.6 189.8

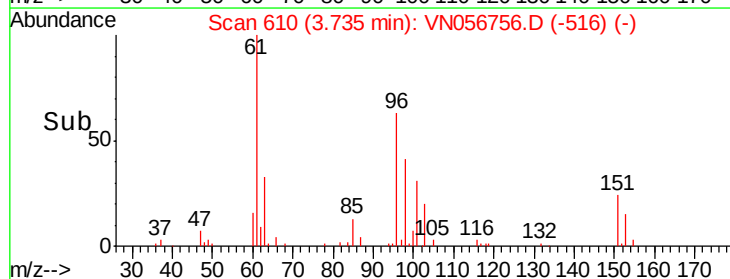
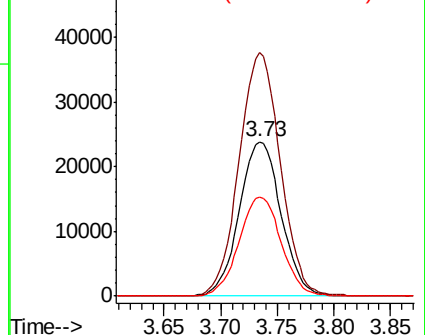
98 64.2 51.4 77.2

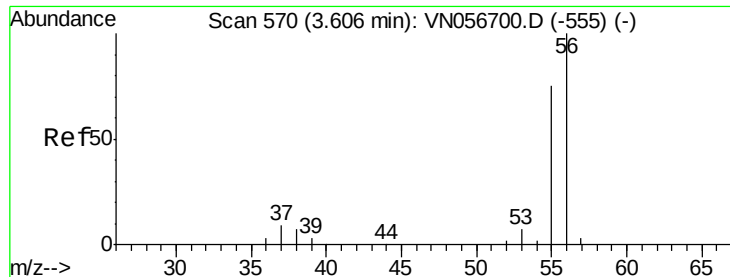


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 117.357 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN056756.D

Acq: 16 Jul 2019 10:20

Instrument :

MSVOA_N

ClientSampled :

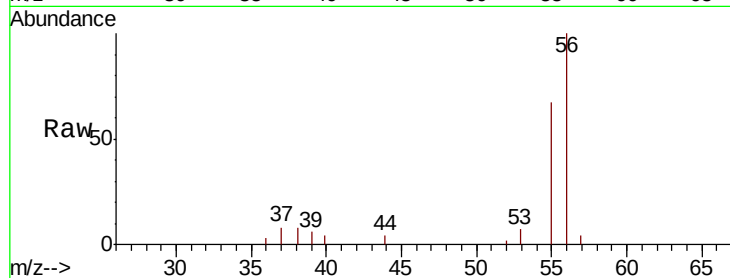
VN0716WBS01

Tot Ion: 56 Resp: 24100

Ion Ratio Lower Upper

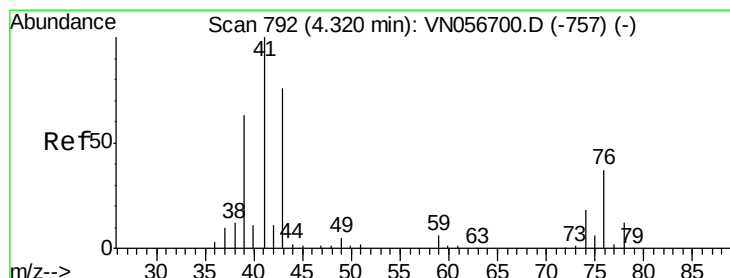
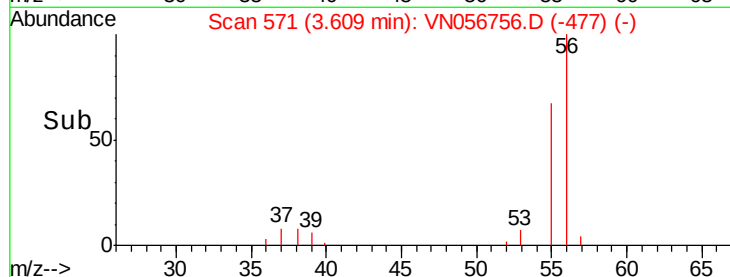
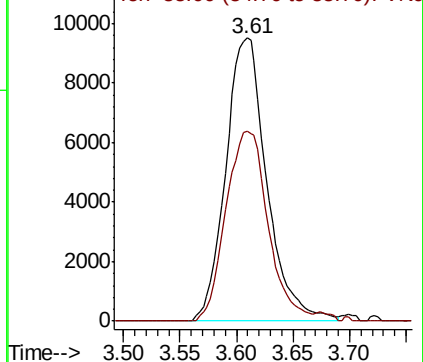
56 100

55 68.7 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.857 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN056756.D

Acq: 16 Jul 2019 10:20

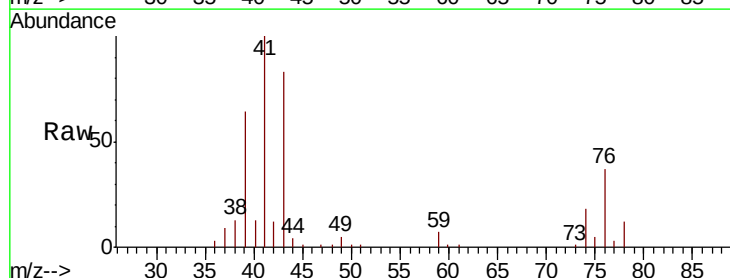
Tgt Ion: 41 Resp: 105425

Ion Ratio Lower Upper

41 100

39 60.5 46.9 70.3

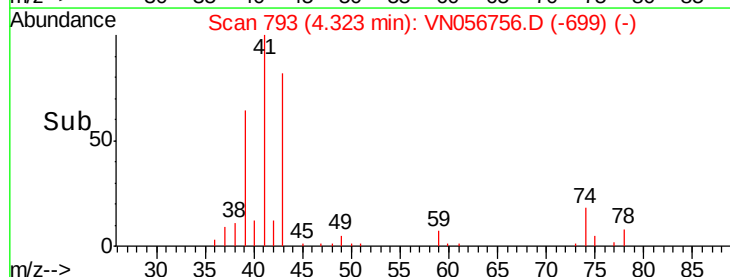
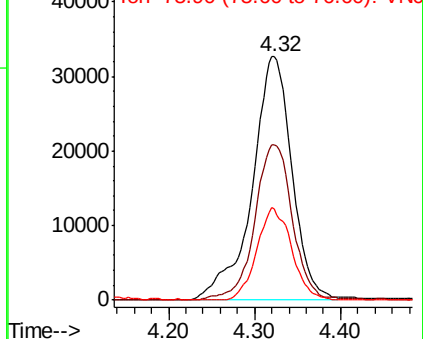
76 33.0 26.5 39.7

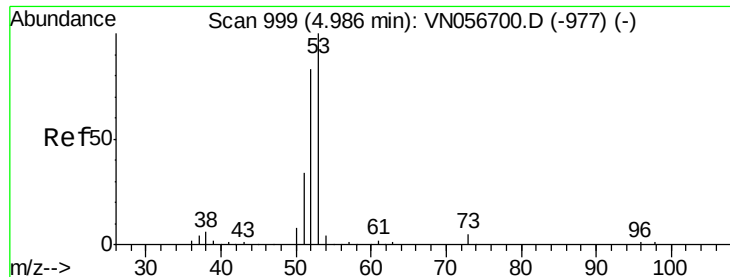


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 98.185 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056756.D

Acq: 16 Jul 2019 10:20

Instrument :

MSVOA_N

ClientSampled :

VN0716WBS01

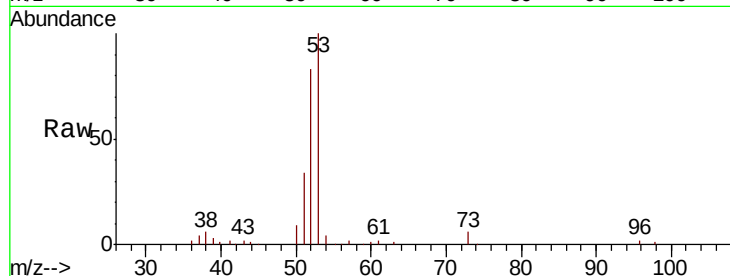
Tot Ion: 53 Resp: 179527

Ion Ratio Lower Upper

53 100

52 82.8 66.6 99.8

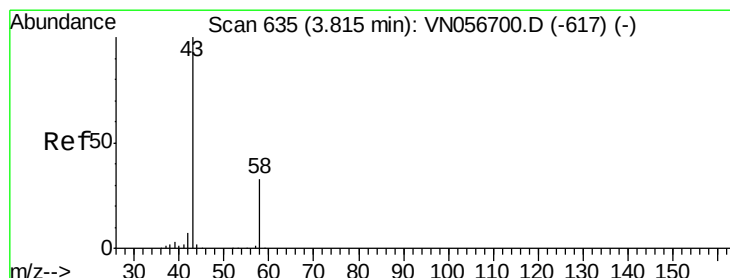
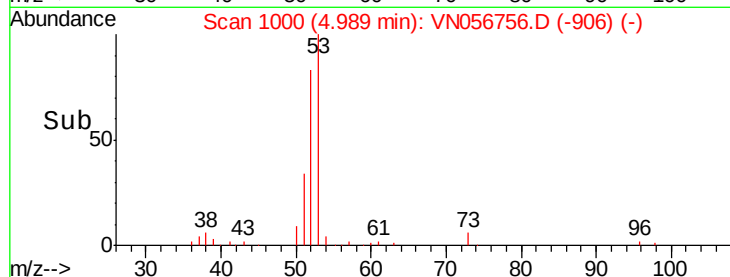
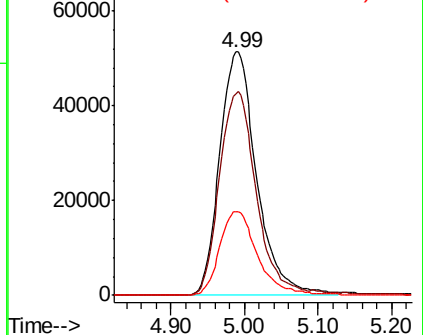
51 35.1 28.4 42.6



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: 102.033 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056756.D

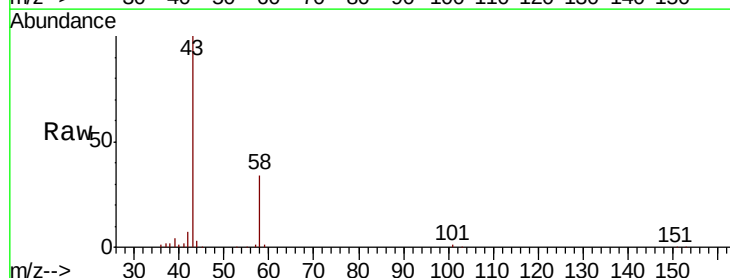
Acq: 16 Jul 2019 10:20

Tgt Ion: 43 Resp: 178855

Ion Ratio Lower Upper

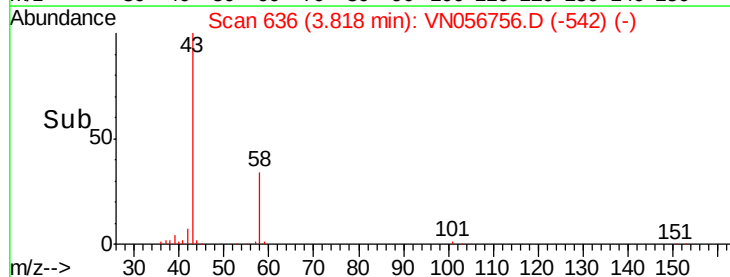
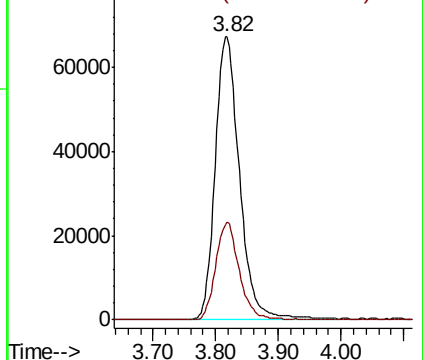
43 100

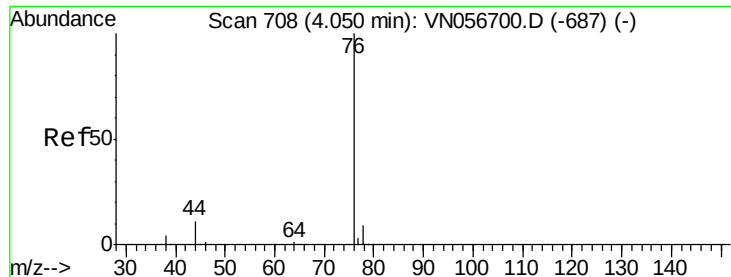
58 34.6 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 18.251 ug/l

RT: 4.05 min Scan# 708

Delta R.T. -0.00 min

Lab File: VN056756.D

Acq: 16 Jul 2019 10:20

Instrument :

MSVOA_N

ClientSampleId :

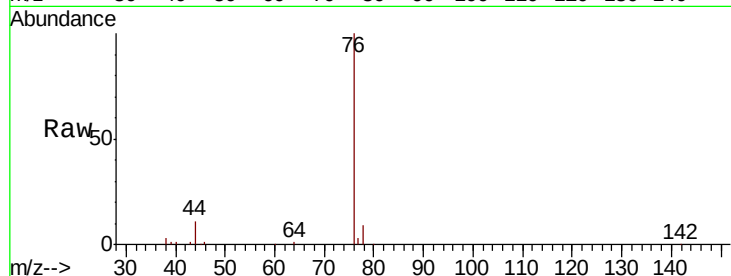
VN0716WBS01

Tot Ion: 76 Resp: 155910

Ion Ratio Lower Upper

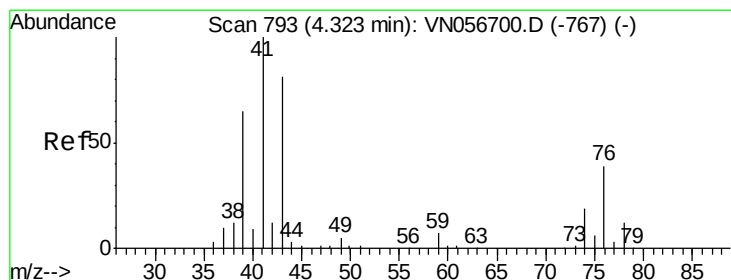
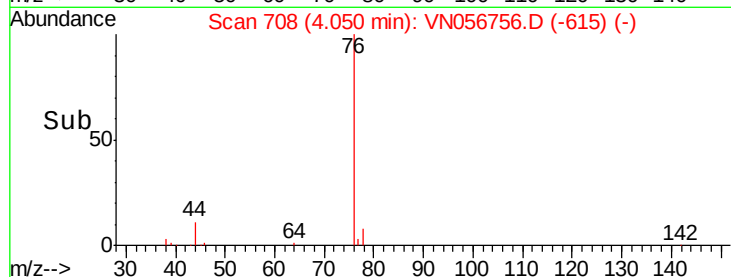
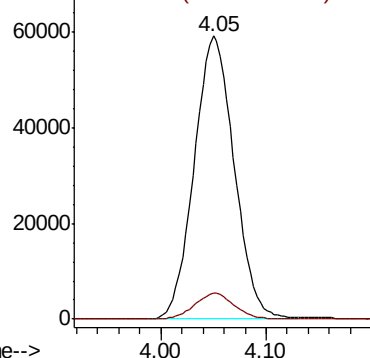
76 100

78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 20.235 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN056756.D

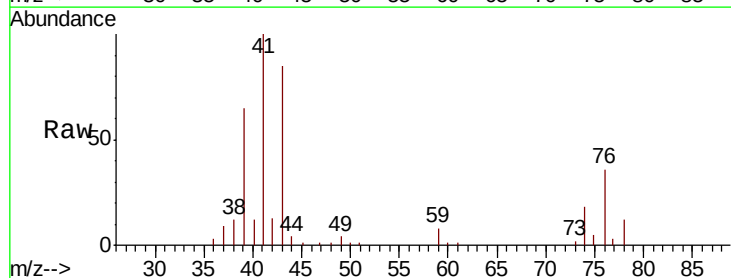
Acq: 16 Jul 2019 10:20

Tgt Ion: 43 Resp: 81944

Ion Ratio Lower Upper

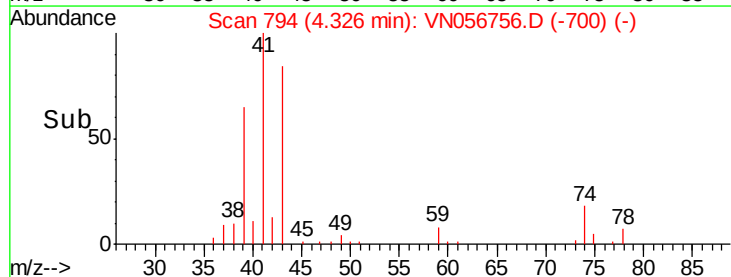
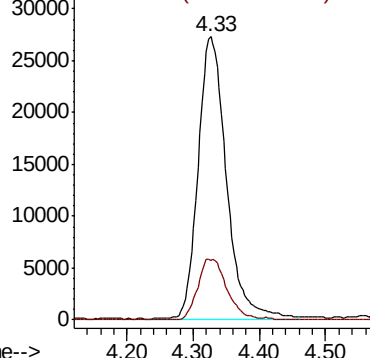
43 100

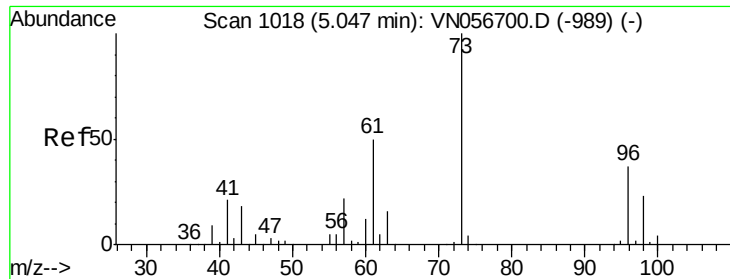
74 21.8 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

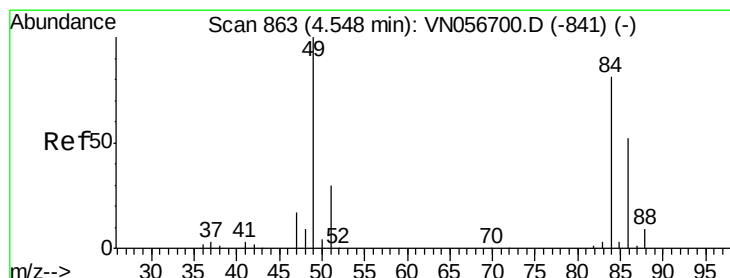
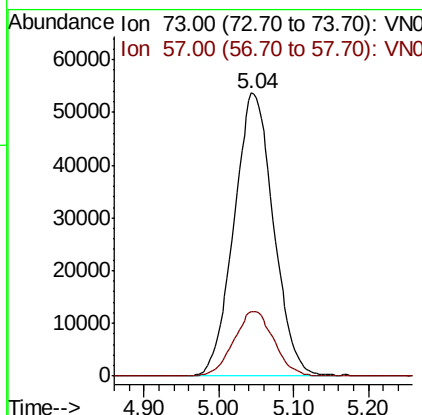
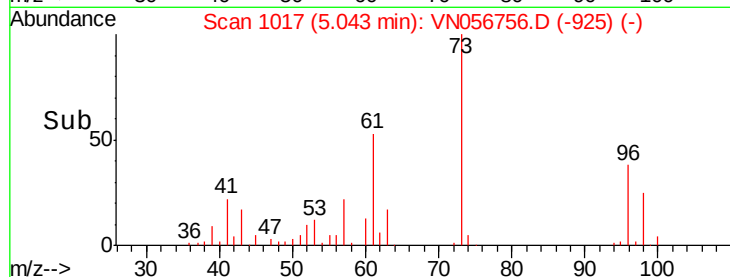
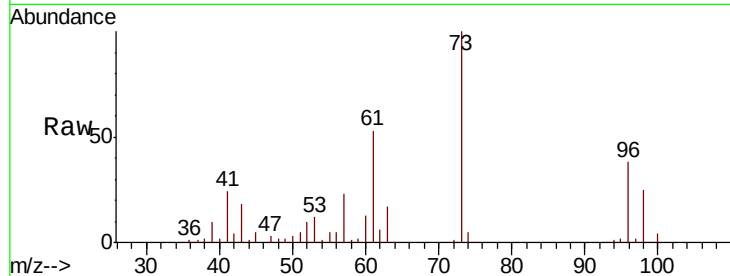




#19
Methyl tert-butyl Ether
Concen: 19.118 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN056756.D
Acq: 16 Jul 2019 10:20

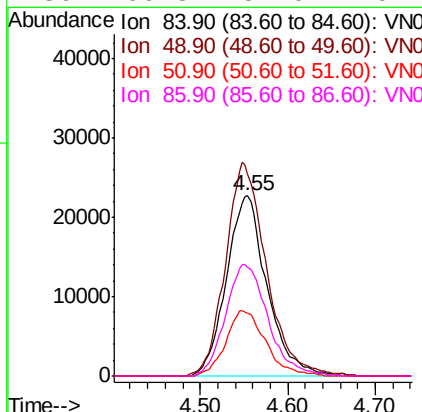
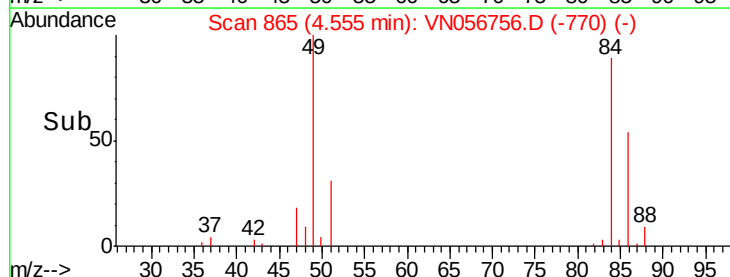
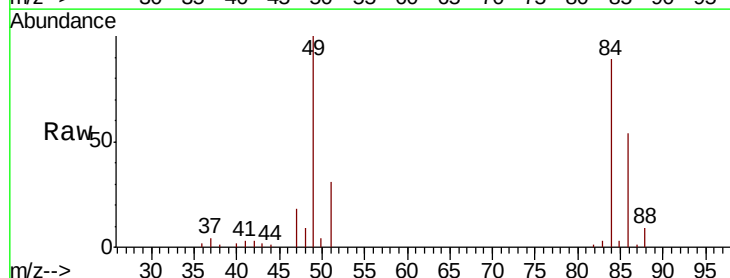
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBS01

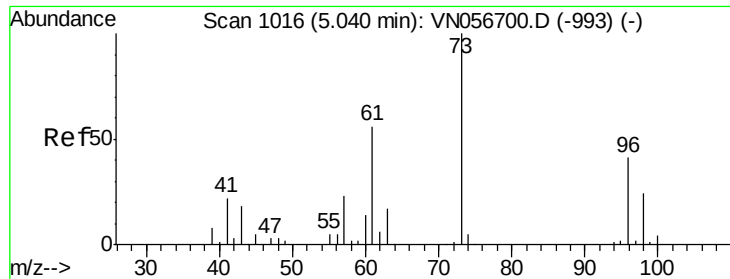
Tot Ion: 73 Resp: 196919
Ion Ratio Lower Upper
73 100
57 22.8 17.9 26.9



#20
Methylene Chloride
Concen: 19.082 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.01 min
Lab File: VN056756.D
Acq: 16 Jul 2019 10:20

Tgt Ion: 84 Resp: 73099
Ion Ratio Lower Upper
84 100
49 111.3 98.2 147.4
51 35.2 29.6 44.4
86 60.8 51.0 76.4

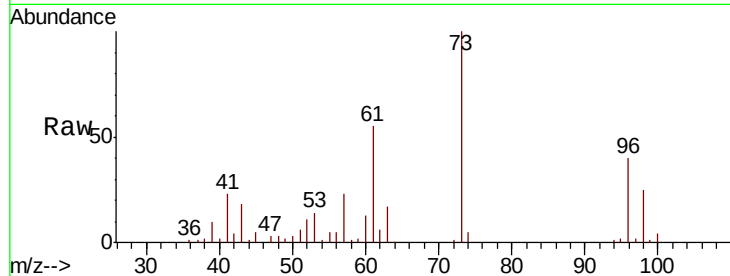




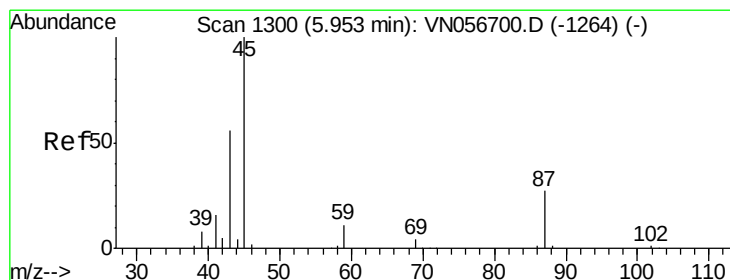
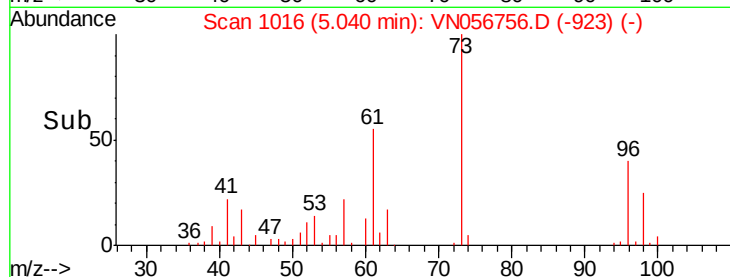
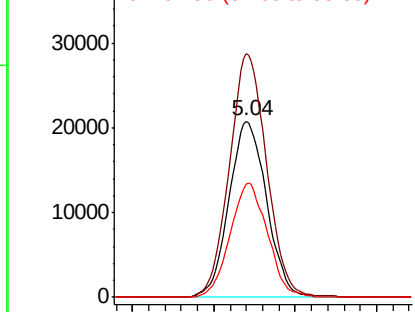
#21
trans-1,2-Dichloroethene
Concen: 19.552 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VN056756.D
Acq: 16 Jul 2019 10:20

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBS01

Tot Ion: 96 Resp: 66814
Ion Ratio Lower Upper
96 100
61 138.2 109.4 164.2
98 63.8 48.0 72.0

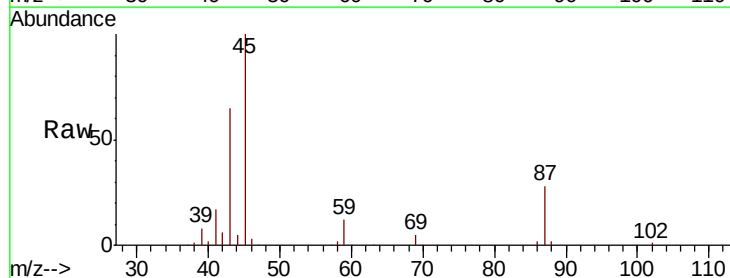


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

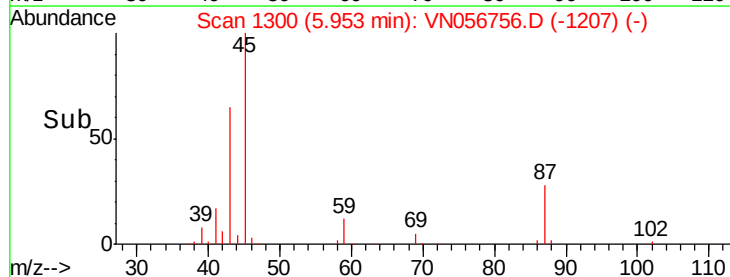
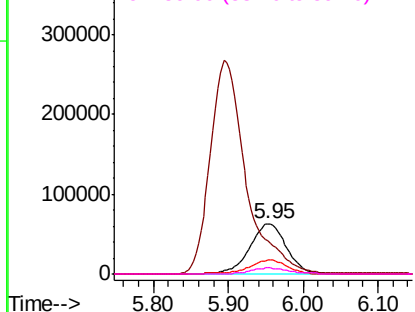


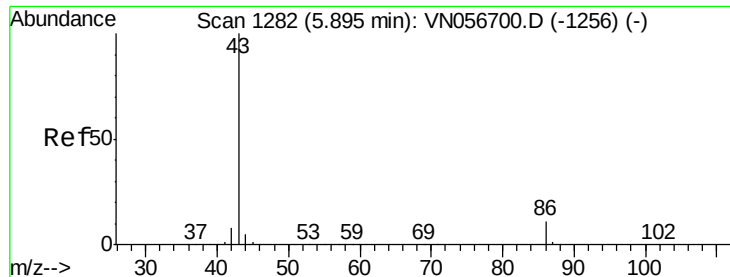
#22
Diisopropyl ether
Concen: 19.582 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN056756.D
Acq: 16 Jul 2019 10:20

Tgt Ion: 45 Resp: 216091
Ion Ratio Lower Upper
45 100
43 62.6 45.6 68.4
87 27.6 22.0 33.0
59 11.6 9.3 13.9



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: 100.204 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN056756.D

Acq: 16 Jul 2019 10:20

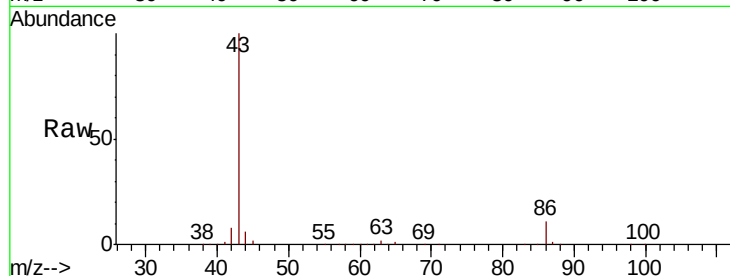
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBS01

Tot Ion: 43 Resp: 896052

Ion Ratio Lower Upper

43 100

86 10.6 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

300000

250000

200000

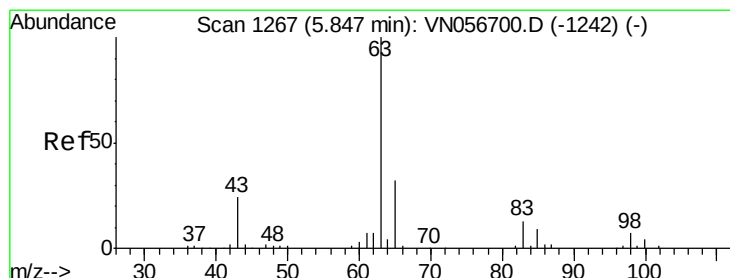
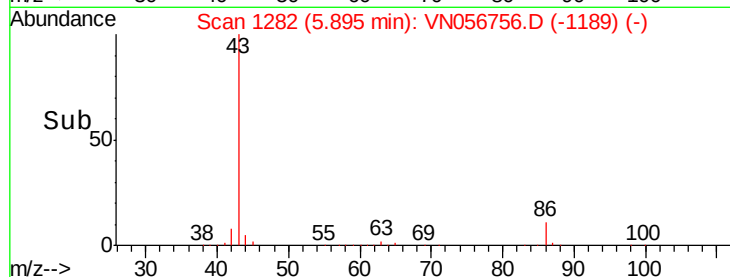
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.711 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VN056756.D

Acq: 16 Jul 2019 10:20

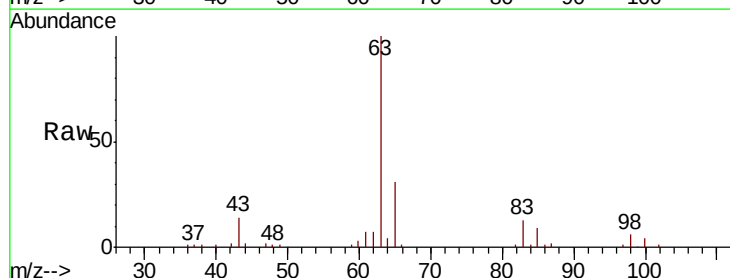
Tgt Ion: 63 Resp: 126110

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.9

100 3.6 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

50000

40000

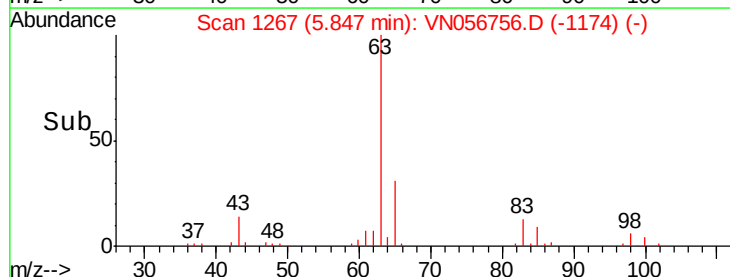
30000

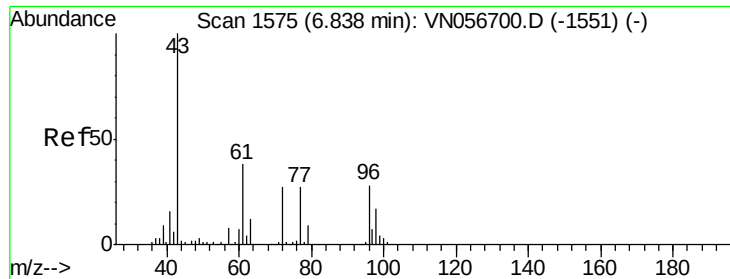
20000

10000

0

Time-->





#25

2-Butanone

Concen: 99.541 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. -0.00 min

Lab File: VN056756.D

Acq: 16 Jul 2019 10:20

Instrument :

MSVOA_N

ClientSampled :

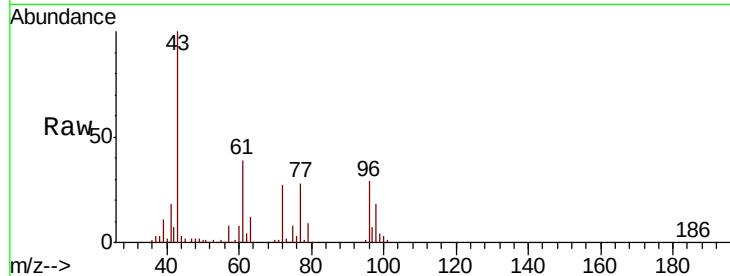
VN0716WBS01

Tot Ion: 43 Resp: 255101

Ion Ratio Lower Upper

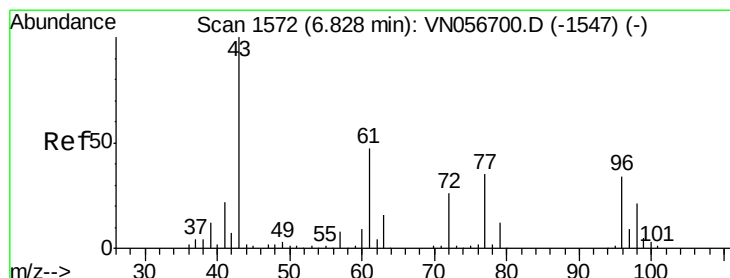
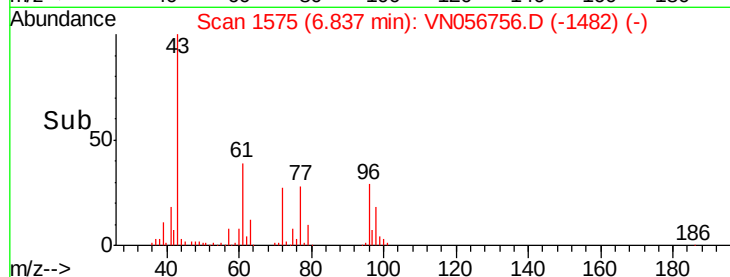
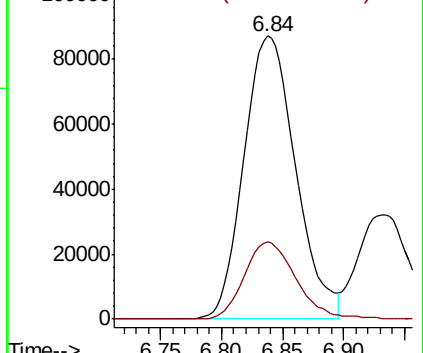
43 100

72 27.4 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 19.708 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN056756.D

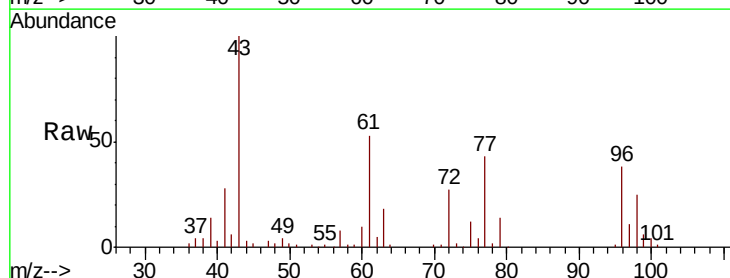
Acq: 16 Jul 2019 10:20

Tgt Ion: 77 Resp: 90916

Ion Ratio Lower Upper

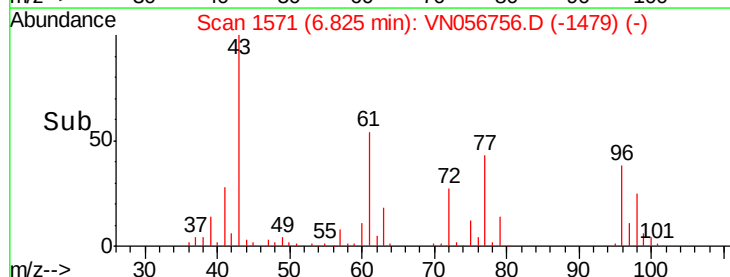
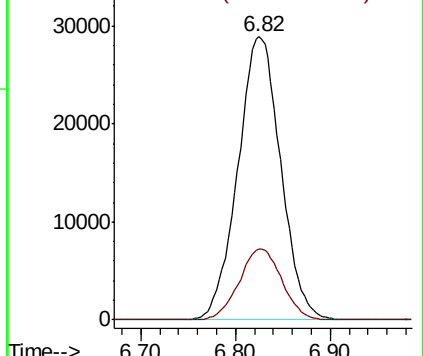
77 100

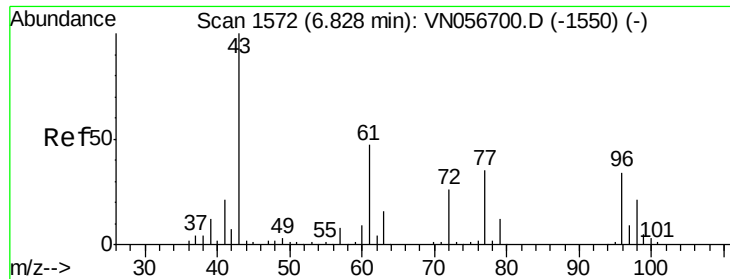
97 24.9 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 19.611 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN056756.D

Acq: 16 Jul 2019 10:20

Instrument :

MSVOA_N

ClientSampleId :

VN0716WBS01

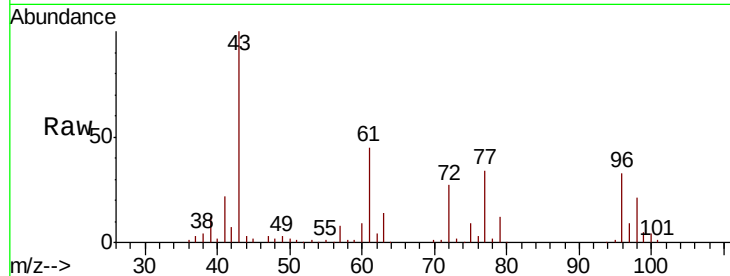
Tot Ion: 96 Resp: 77112

Ion Ratio Lower Upper

96 100

61 141.6 0.0 281.4

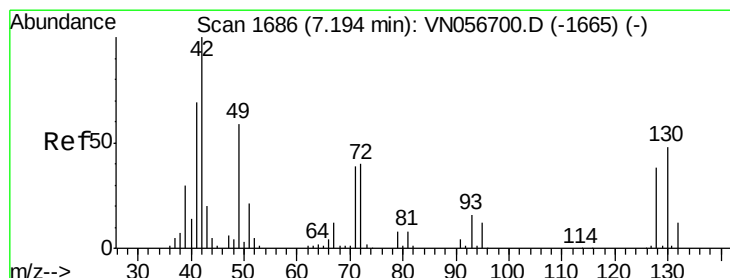
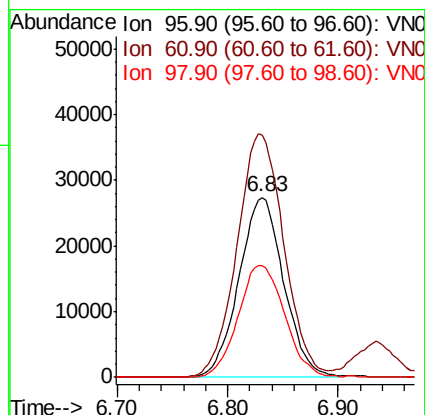
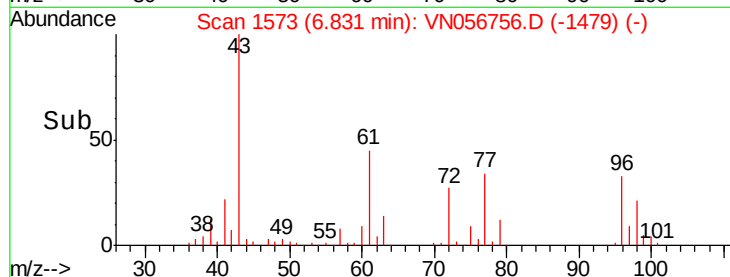
98 64.8 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.991 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN056756.D

Acq: 16 Jul 2019 10:20

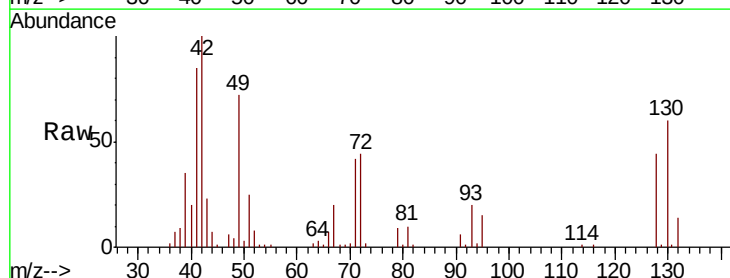
Tgt Ion: 49 Resp: 60135

Ion Ratio Lower Upper

49 100

129 0.7 0.0 4.0

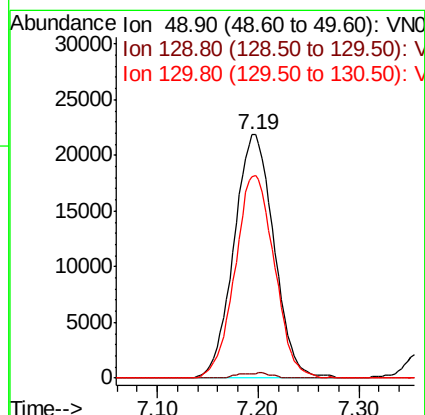
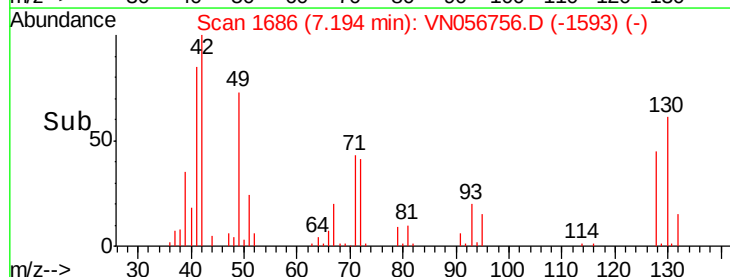
130 81.8 64.7 97.1

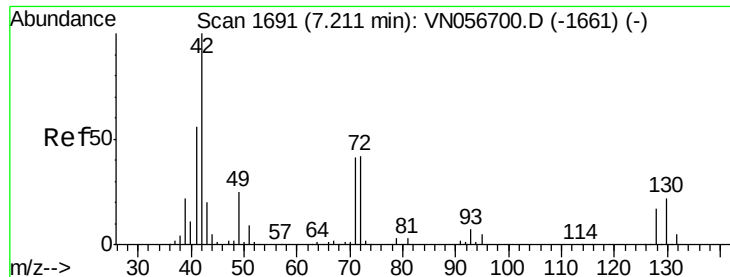


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 97.764 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN056756.D

Acq: 16 Jul 2019 10:20

Instrument :

MSVOA_N

ClientSampleId :

VN0716WBS01

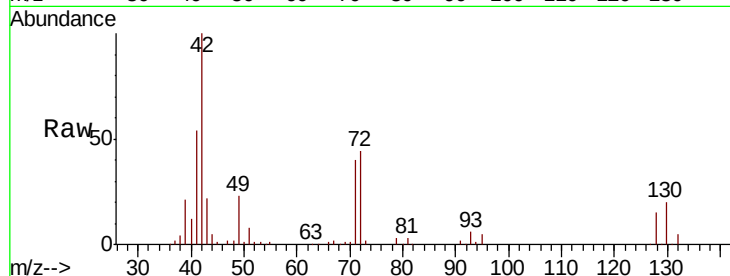
Tot Ion: 42 Resp: 163414

Ion Ratio Lower Upper

42 100

72 43.7 33.5 50.3

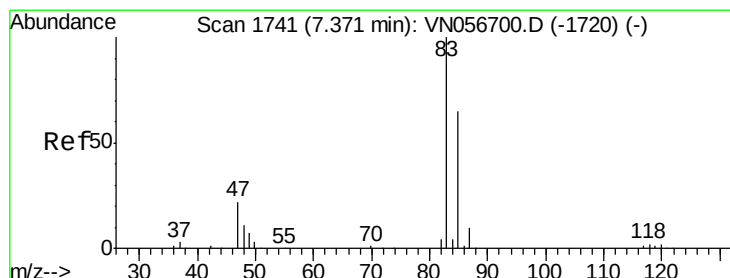
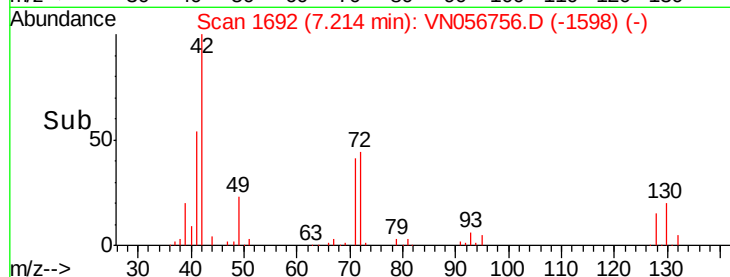
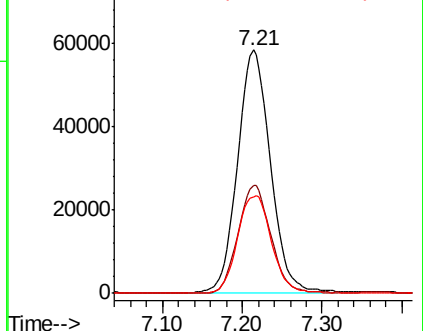
71 41.5 31.8 47.8



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: 19.249 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN056756.D

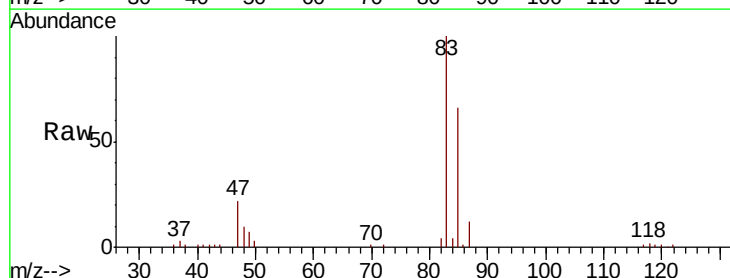
Acq: 16 Jul 2019 10:20

Tgt Ion: 83 Resp: 123240

Ion Ratio Lower Upper

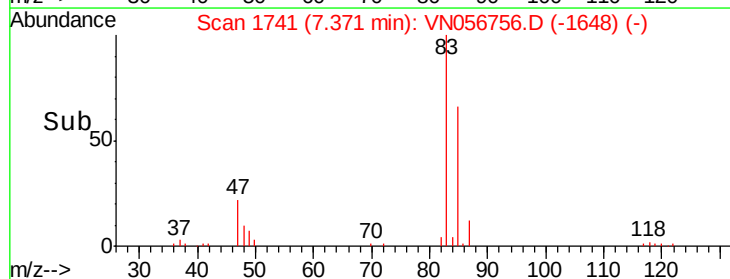
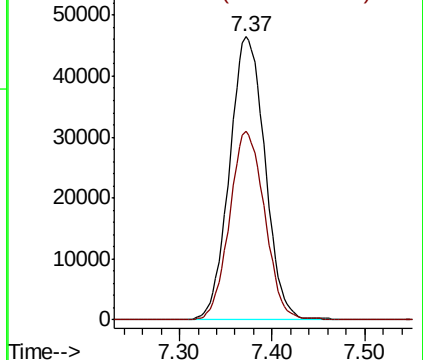
83 100

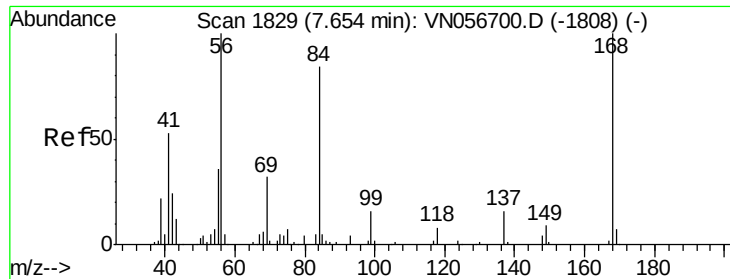
85 66.5 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

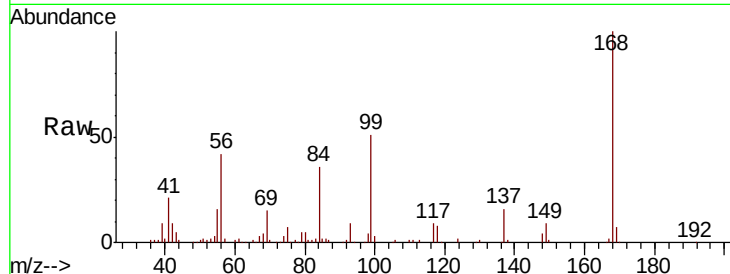




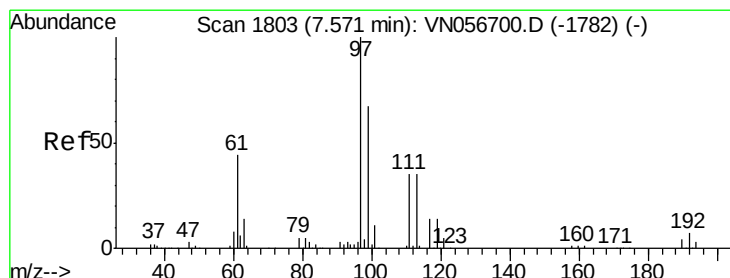
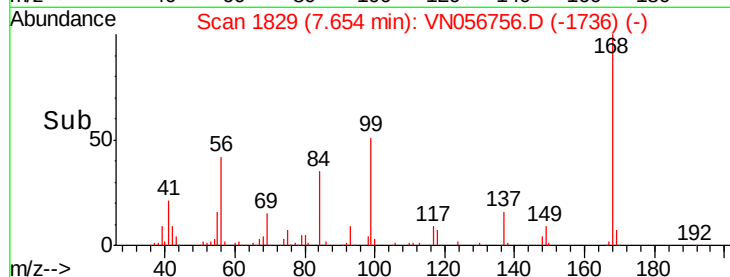
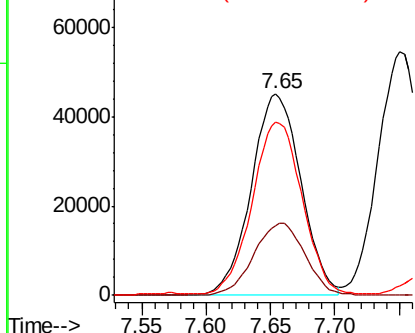
#31
Cyclohexane
Concen: 19.899 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN056756.D
Acq: 16 Jul 2019 10:20

Instrument :
MSVOA_N
ClientSampled :
VN0716WBS01

Tot Ion: 56 Resp: 121005
Ion Ratio Lower Upper
56 100
69 34.7 25.8 38.8
84 84.8 67.4 101.0

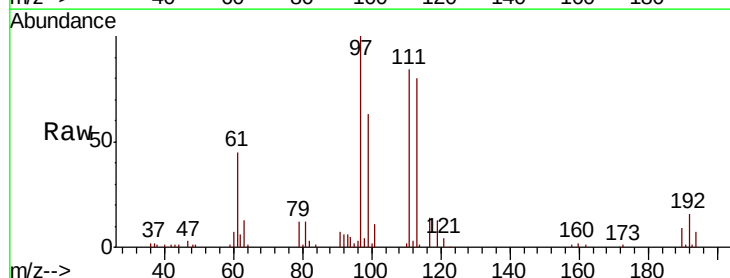


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

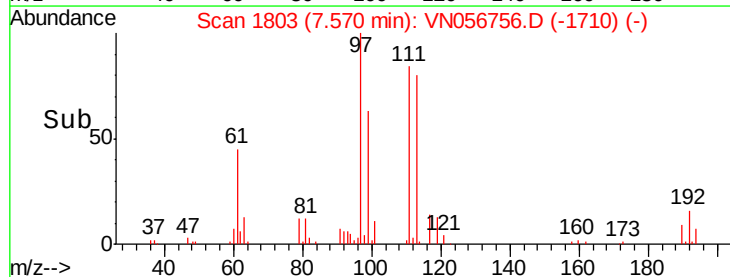
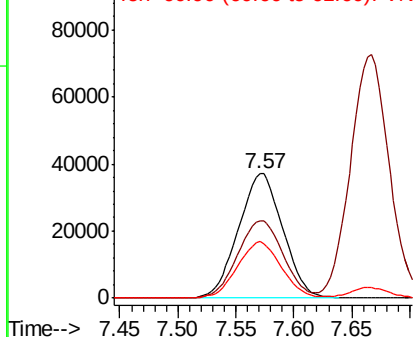


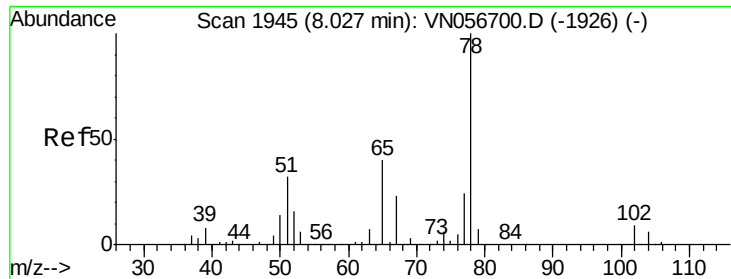
#32
1,1,1-Trichloroethane
Concen: 19.579 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN056756.D
Acq: 16 Jul 2019 10:20

Tgt Ion: 97 Resp: 99134
Ion Ratio Lower Upper
97 100
99 64.0 52.0 78.0
61 44.7 34.3 51.5



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

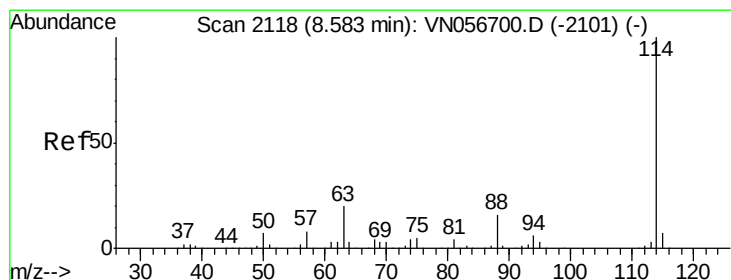
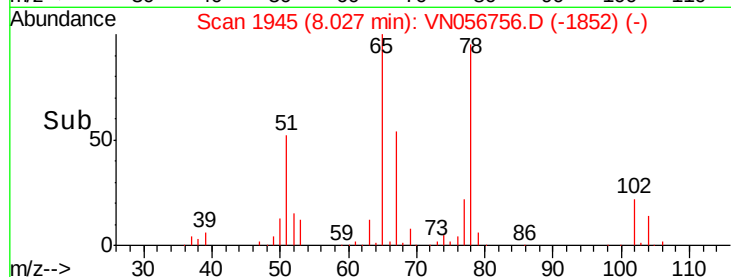
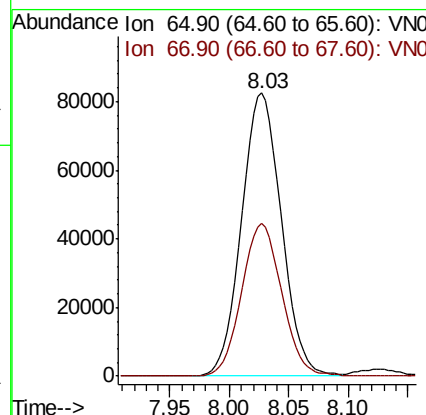
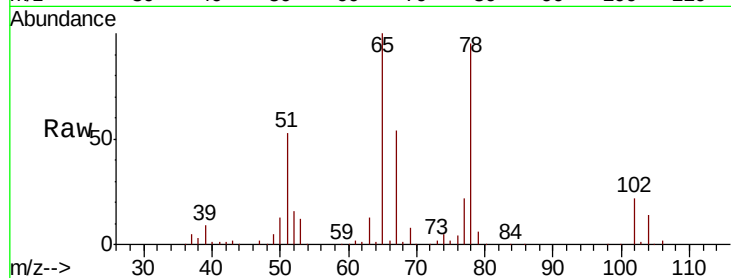




#33
 1,2-Dichloroethane-d4
 Concen: 50.338 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056756.D
 Acq: 16 Jul 2019 10:20

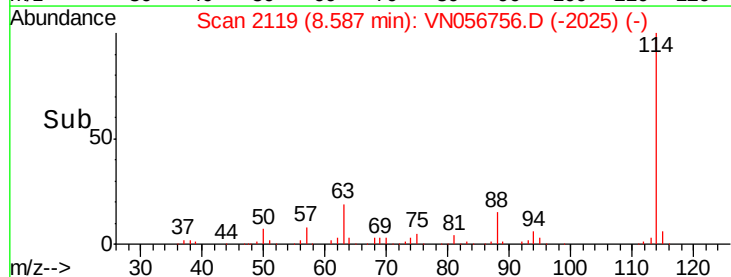
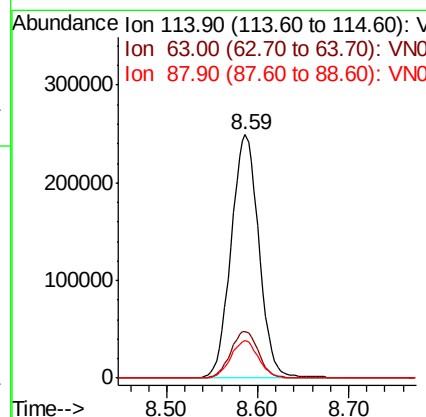
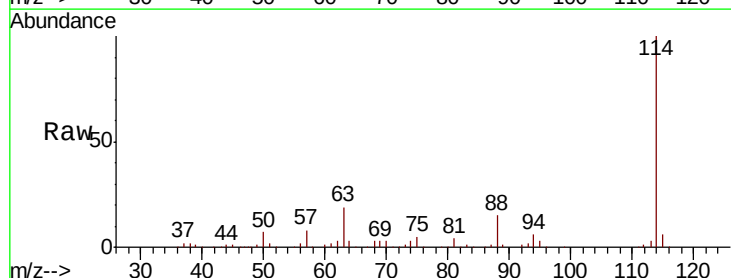
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBS01

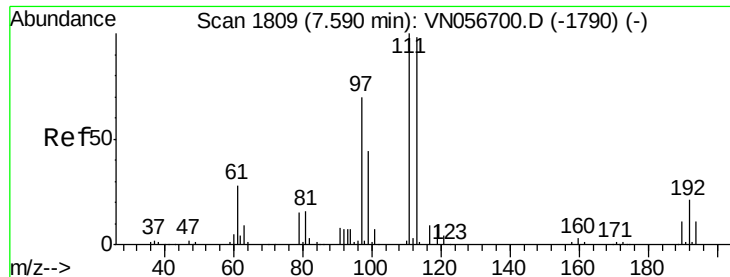
Tot Ion: 65 Resp: 191479
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056756.D
 Acq: 16 Jul 2019 10:20

Tgt Ion: 114 Resp: 530127
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.4
 88 15.4 0.0 31.2

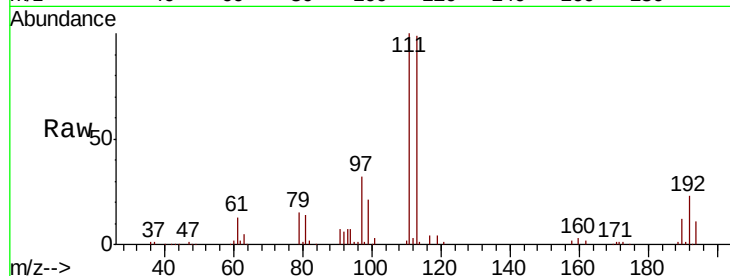




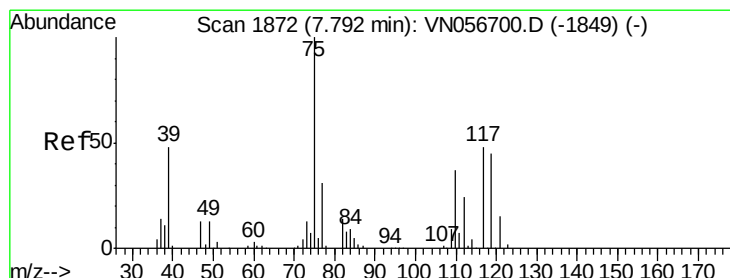
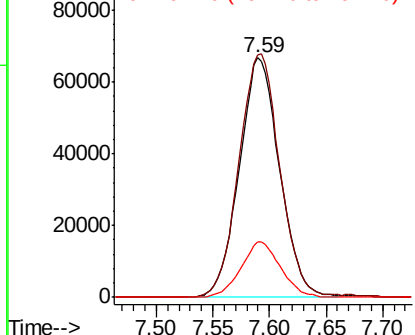
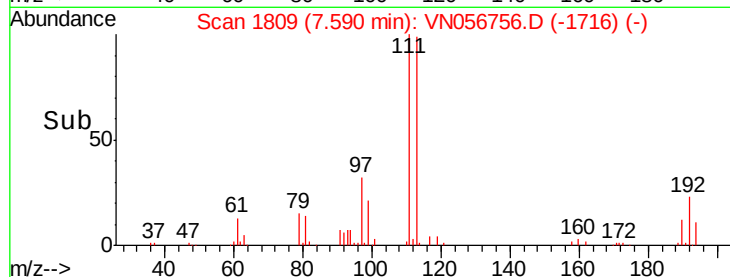
#35
 Dibromofluoromethane
 Concen: 50.082 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN056756.D
 Acq: 16 Jul 2019 10:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.6
192	22.7	17.5	26.3

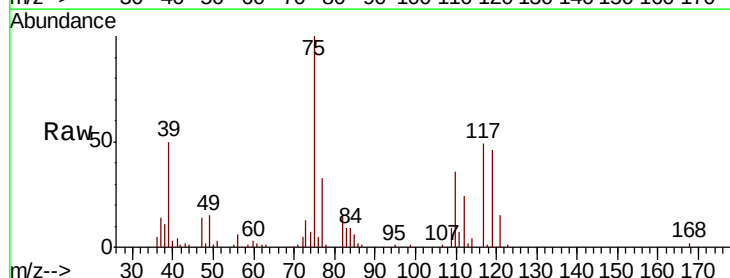


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

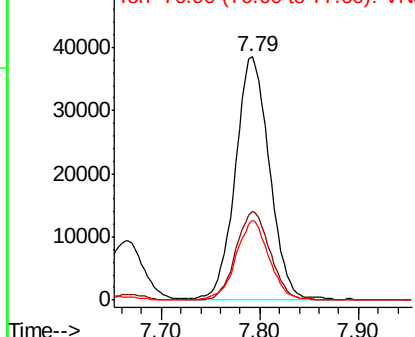
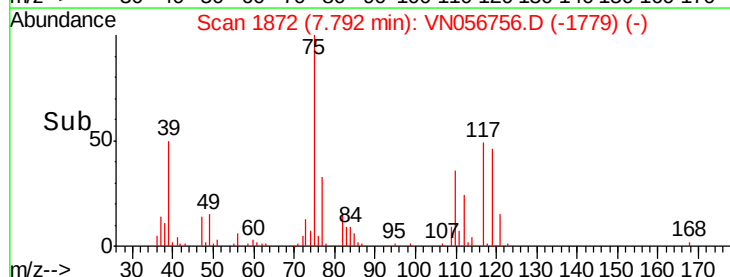


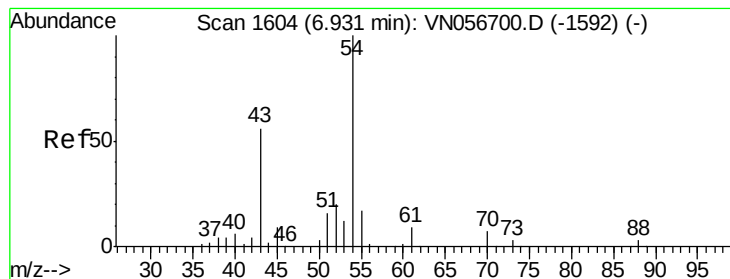
#36
 1,1-Dichloropropene
 Concen: 18.900 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN056756.D
 Acq: 16 Jul 2019 10:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	18.4	55.4
77	31.7	24.6	36.8



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

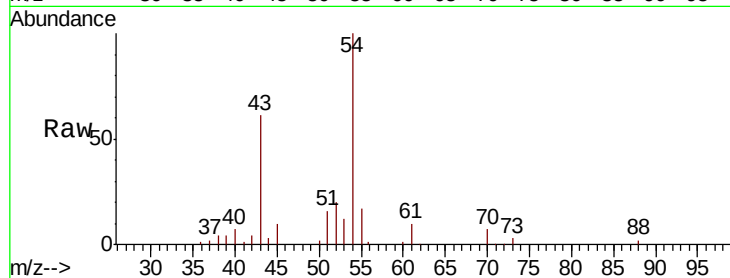




#37
Ethyl Acetate
Concen: 19.775 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056756.D
Acq: 16 Jul 2019 10:20

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBS01

Tot Ion	43	Resp	95609
Ion Ratio	Lower	Upper	
43	100		
61	15.3	11.3	16.9
70	10.4	8.5	12.7

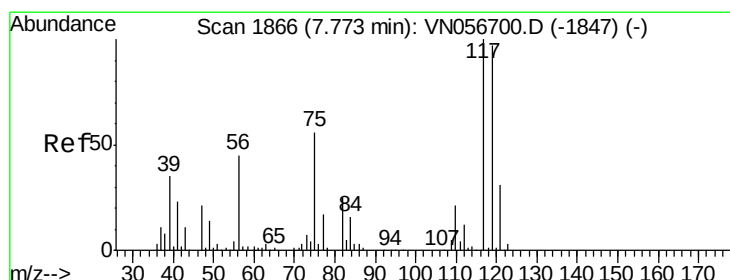
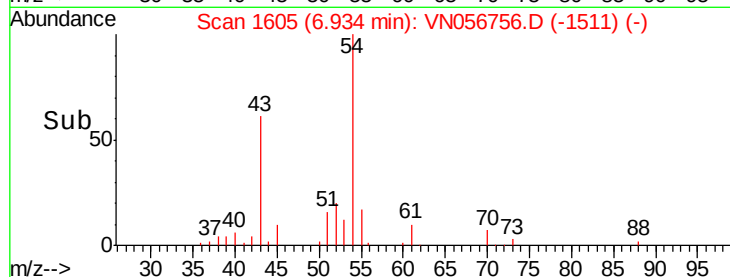
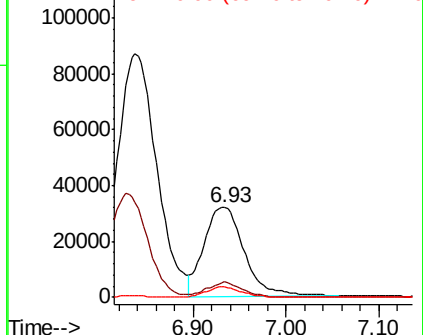


Abundance

Ion 43.00 (42.70 to 43.70): VN0

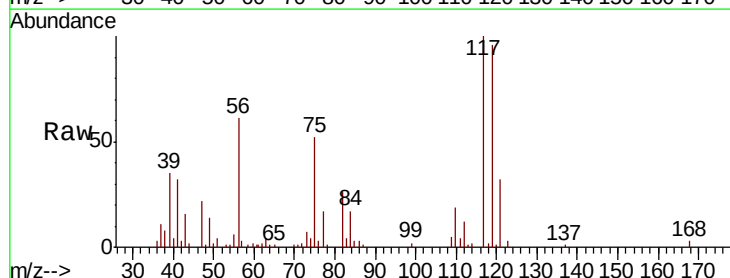
Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0



#38
Carbon Tetrachloride
Concen: 18.489 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN056756.D
Acq: 16 Jul 2019 10:20

Tgt Ion	117	Resp	85056
Ion Ratio	Lower	Upper	
117	100		
119	96.3	77.5	116.3
121	31.9	24.7	37.1

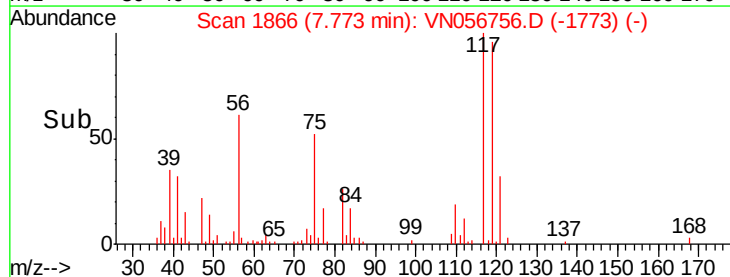
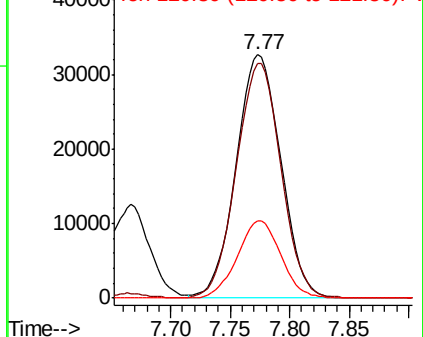


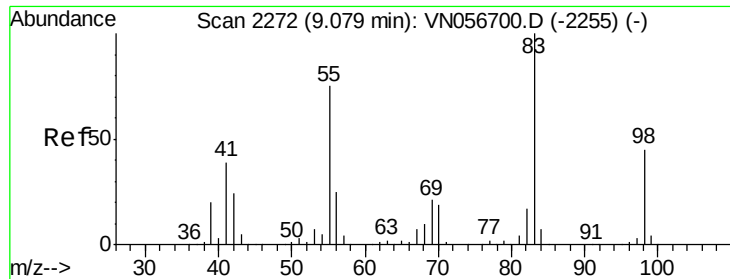
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

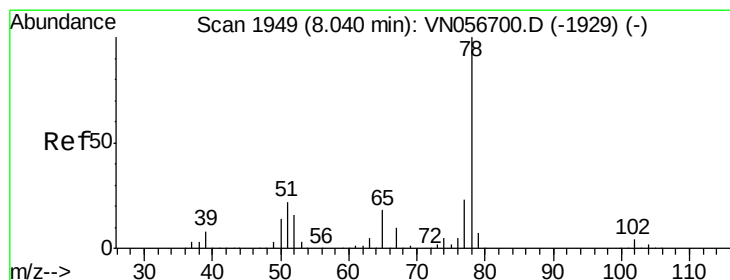
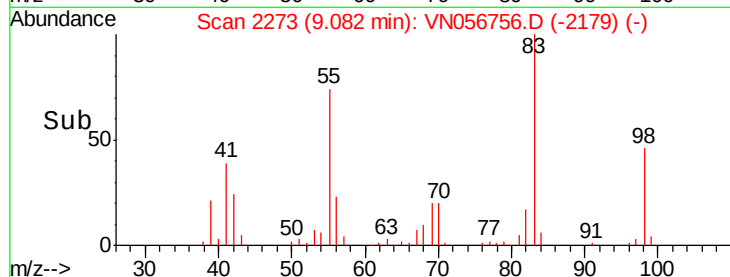
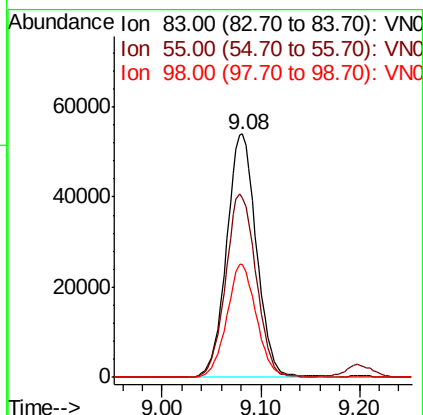
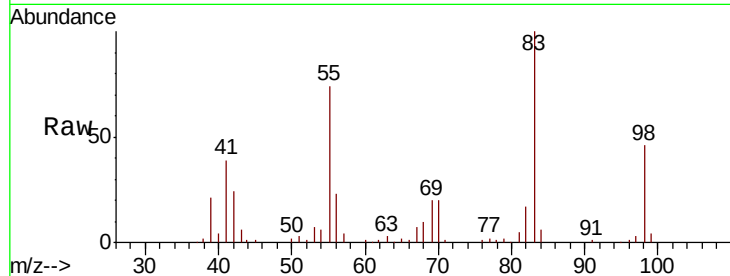




#39
Methylvlcyclohexane
Concen: 18.841 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN056756.D
Acq: 16 Jul 2019 10:20

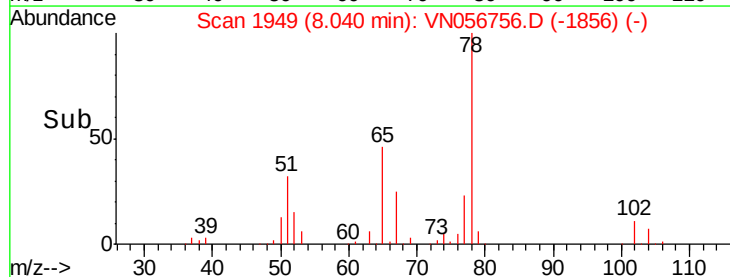
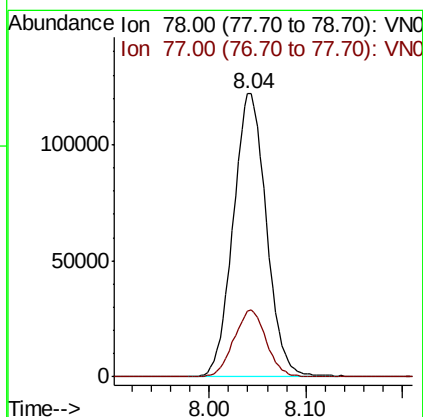
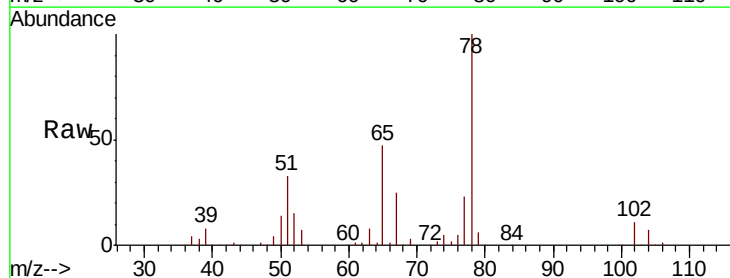
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBS01

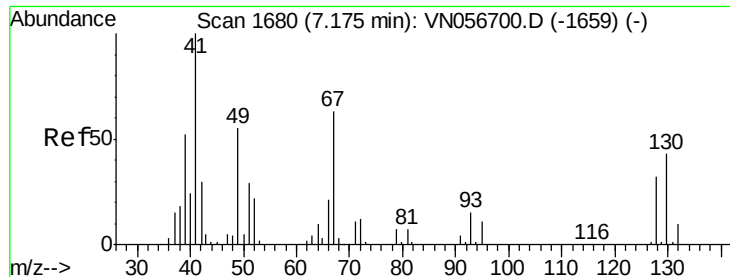
Tot Ion: 83 Resp: 114122
Ion Ratio Lower Upper
83 100
55 74.0 60.4 90.6
98 46.5 35.8 53.8



#40
Benzene
Concen: 19.360 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN056756.D
Acq: 16 Jul 2019 10:20

Tgt Ion: 78 Resp: 290996
Ion Ratio Lower Upper
78 100
77 23.1 18.6 27.8

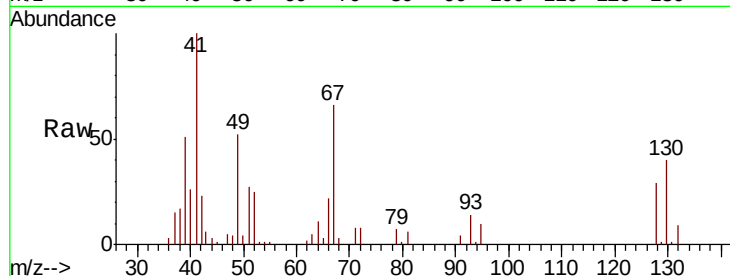




#41
Methacrylonitrile
Concen: 21.789 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN056756.D
Acq: 16 Jul 2019 10:20

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBS01

Tot Ion:	41	Resp:	46275
Ion	Ratio	Lower	Upper
41	100		
39	56.2	0.0	0.0#
67	84.0	0.0	0.0#
52	34.0	0.0	0.0#



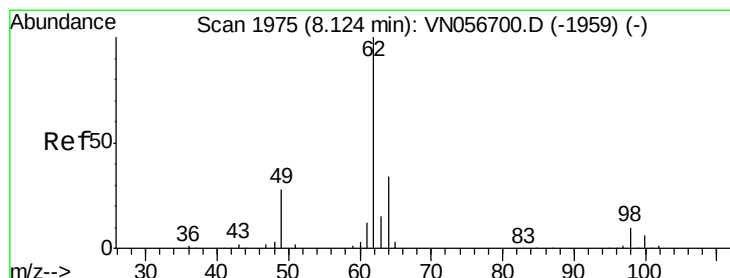
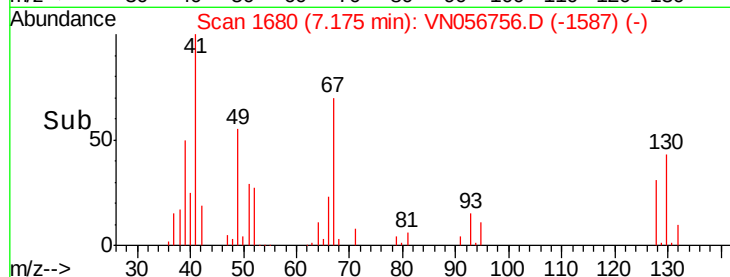
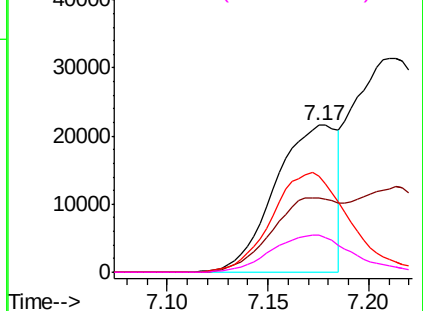
Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

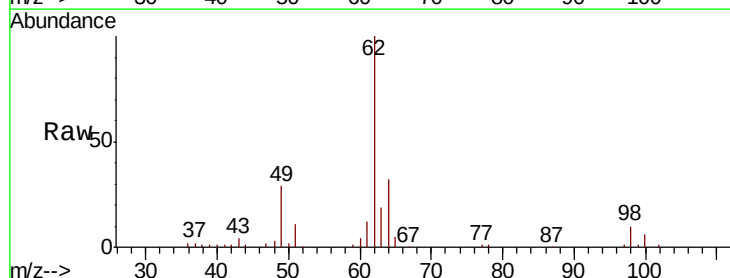
Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42
1,2-Dichloroethane
Concen: 19.615 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN056756.D
Acq: 16 Jul 2019 10:20

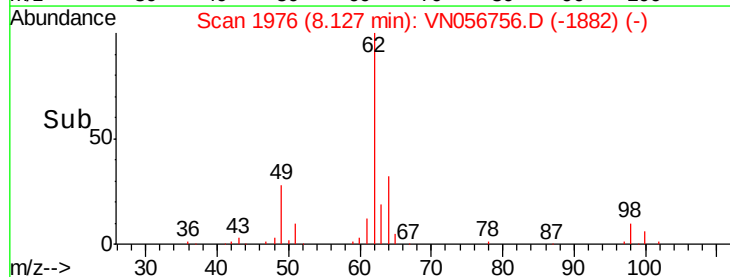
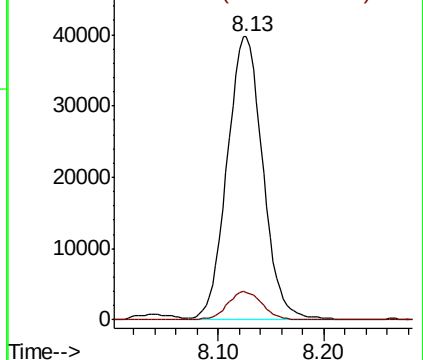
Tgt Ion:	62	Resp:	93180
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.8

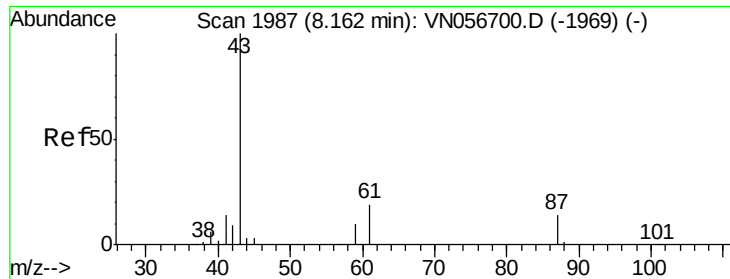


Abundance

Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 20.268 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056756.D

Acq: 16 Jul 2019 10:20

Instrument :

MSVOA_N

ClientSampleId :

VN0716WBS01

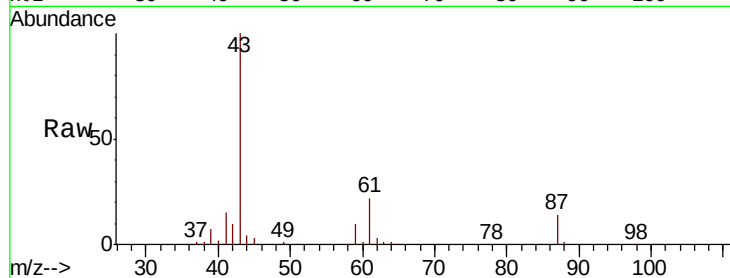
Tot Ion: 43 Resp: 154055

Ion Ratio Lower Upper

43 100

61 27.4 22.3 33.5

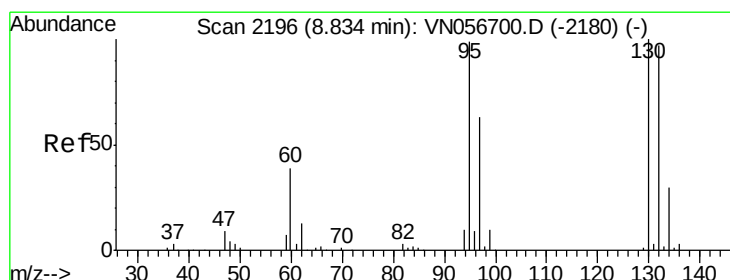
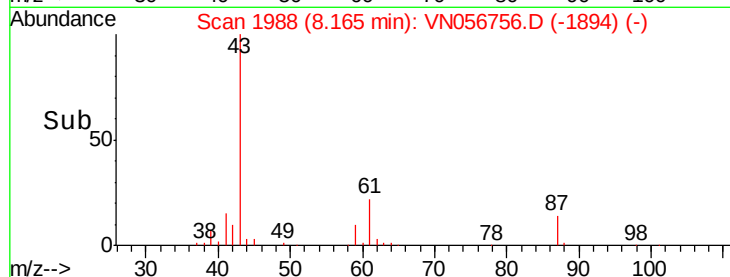
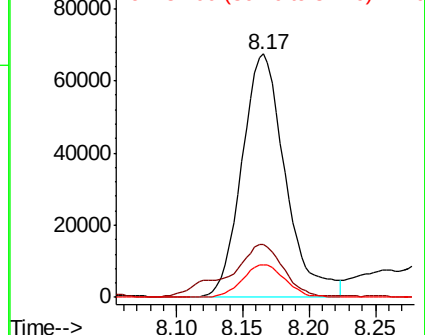
87 13.1 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 19.288 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN056756.D

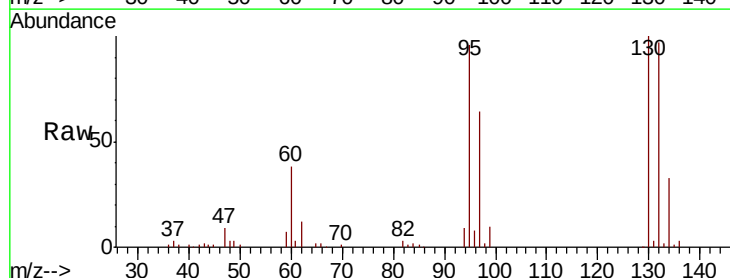
Acq: 16 Jul 2019 10:20

Tgt Ion:130 Resp: 78729

Ion Ratio Lower Upper

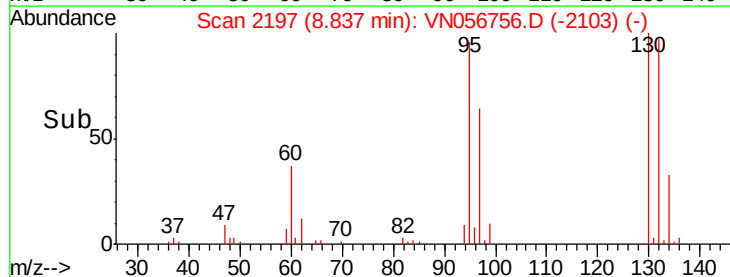
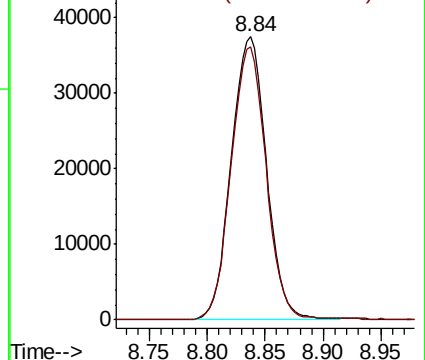
130 100

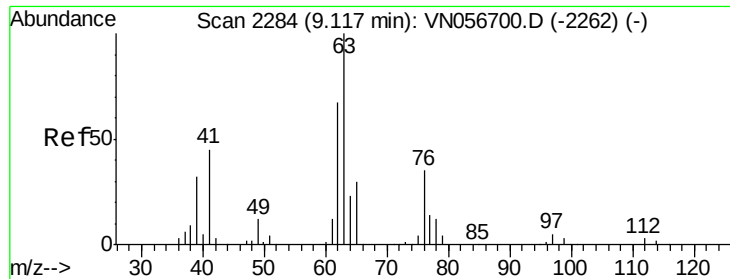
95 96.4 0.0 197.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

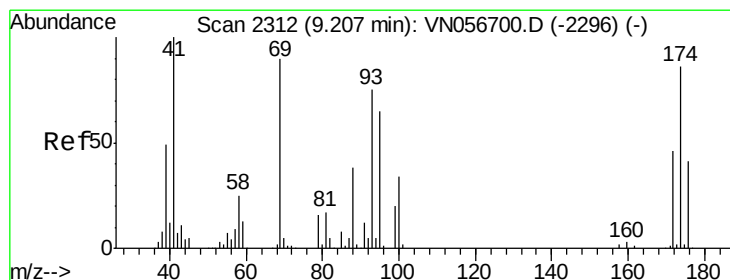
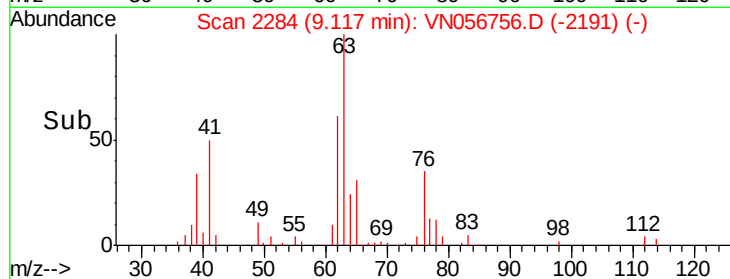
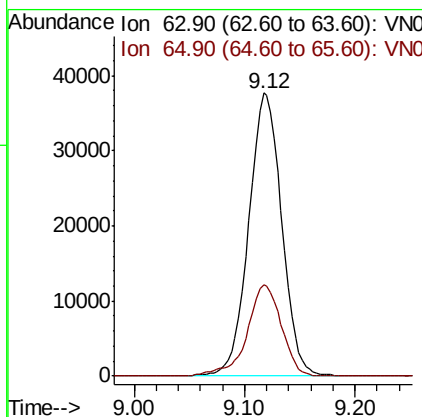
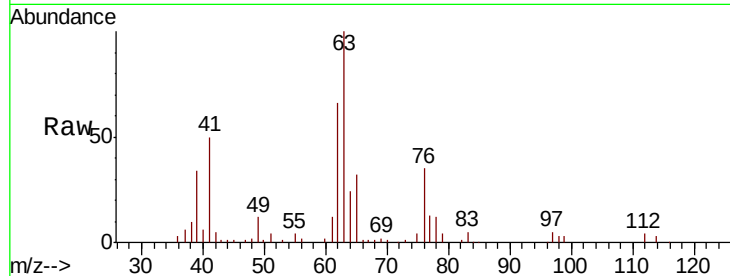




#45
 1,2-Dichloropropane
 Concen: 19.578 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN056756.D
 Acq: 16 Jul 2019 10:20

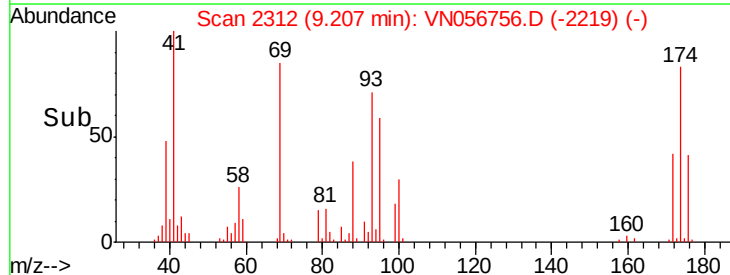
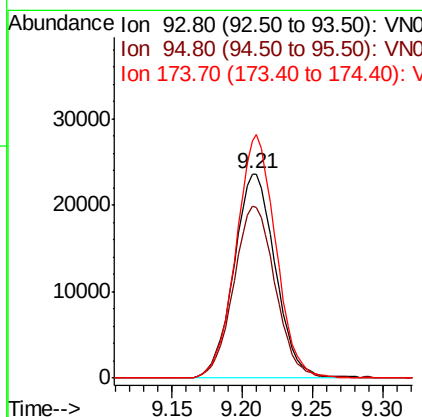
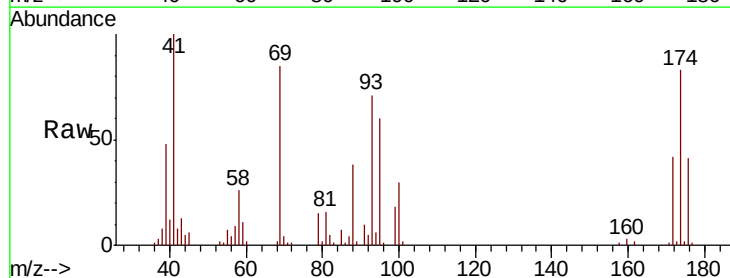
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBS01

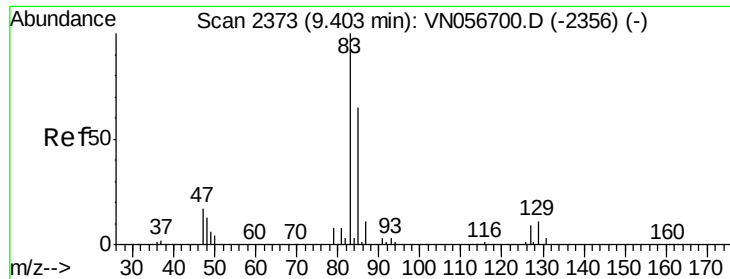
Tot Ion: 63 Resp: 78193
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.0 36.0



#46
 Dibromomethane
 Concen: 19.591 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN056756.D
 Acq: 16 Jul 2019 10:20

Tgt Ion: 93 Resp: 48489
 Ion Ratio Lower Upper
 93 100
 95 84.6 67.4 101.0
 174 114.1 90.3 135.5





#47

Bromodichloromethane

Concen: 19.249 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN056756.D

Acq: 16 Jul 2019 10:20

Instrument :

MSVOA_N

ClientSampleId :

VN0716WBS01

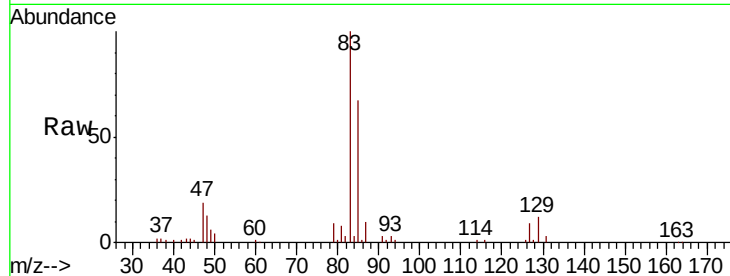
Tot Ion: 83 Resp: 90536

Ion Ratio Lower Upper

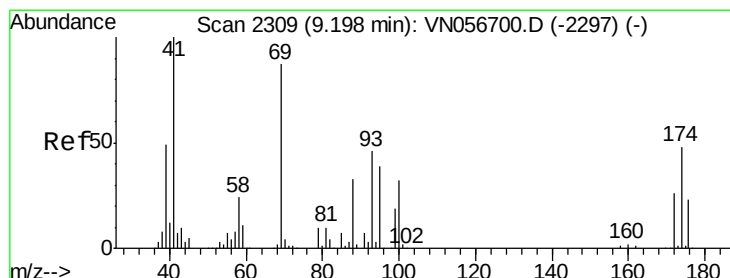
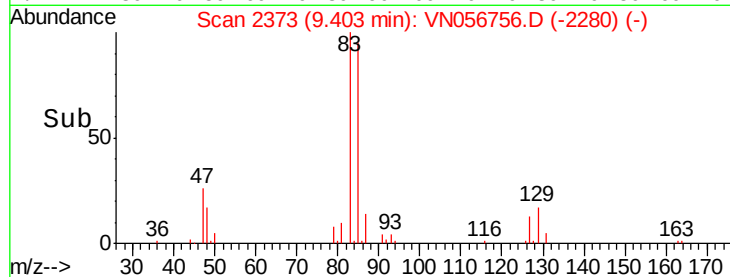
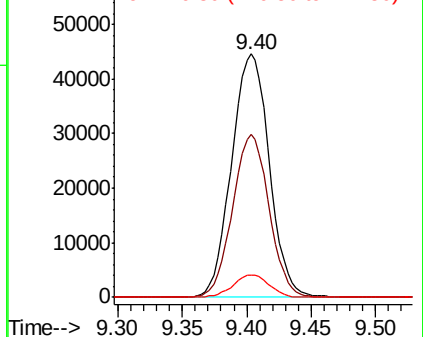
83 100

85 66.9 52.3 78.5

127 9.3 7.6 11.4



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: 20.128 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056756.D

Acq: 16 Jul 2019 10:20

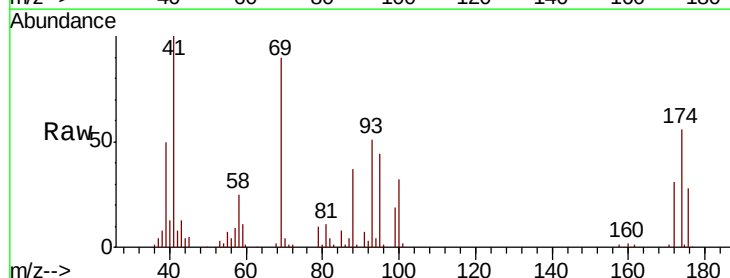
Tgt Ion: 41 Resp: 73987

Ion Ratio Lower Upper

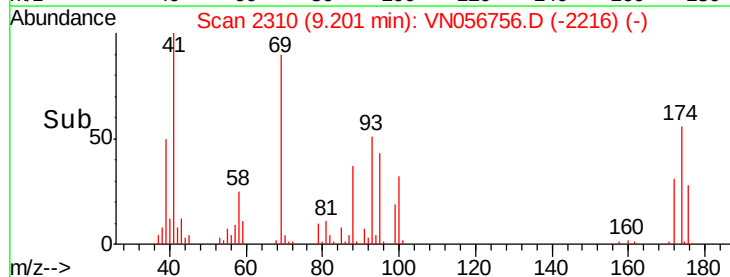
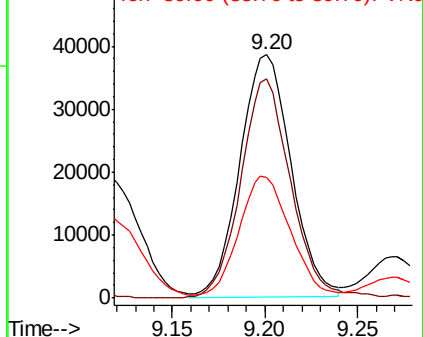
41 100

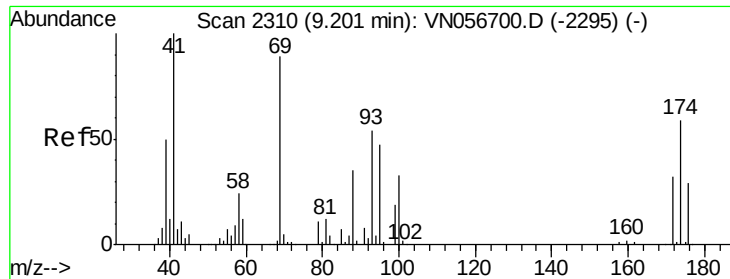
69 88.3 71.4 107.0

39 50.6 41.2 61.8



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

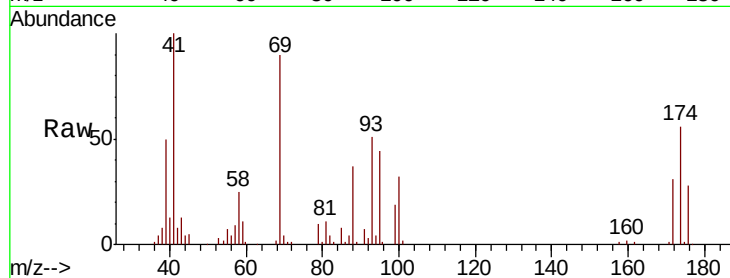




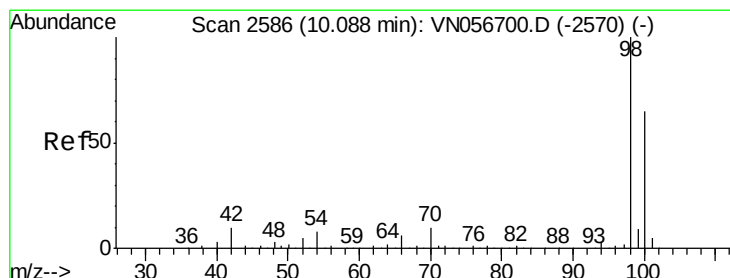
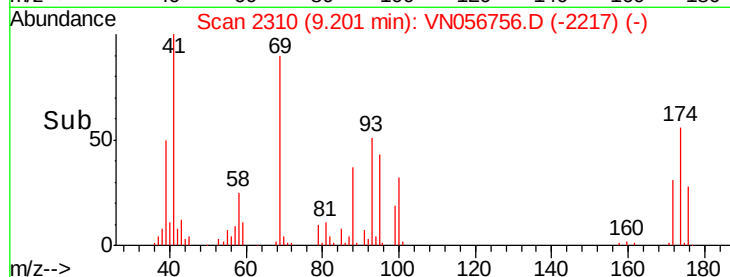
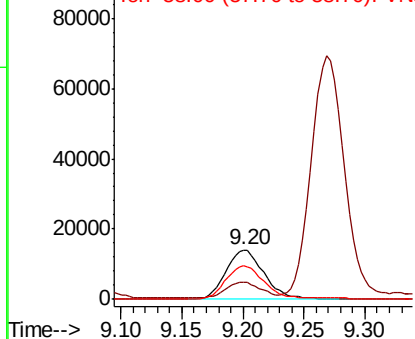
#49
 1,4-Dioxane
 Concen: 406.719 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN056756.D
 Acq: 16 Jul 2019 10:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBS01

Tot Ion: 88 Resp: 30677
 Ion Ratio Lower Upper
 88 100
 43 29.6 23.7 35.5
 58 67.9 55.6 83.4

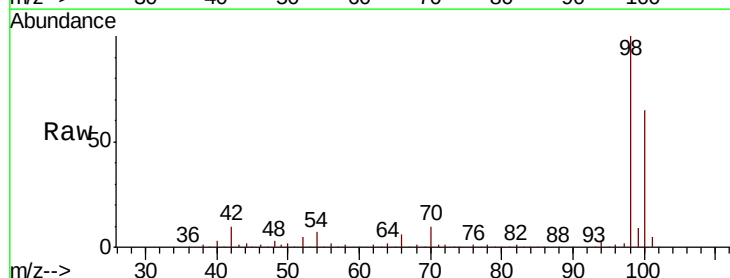


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

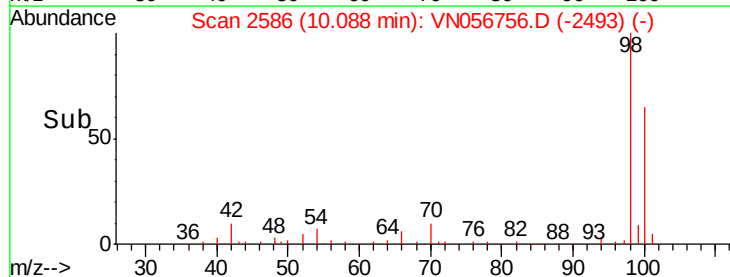
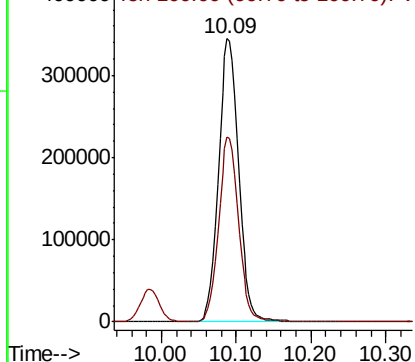


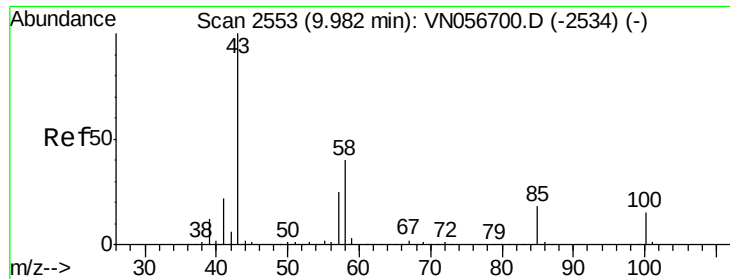
#50
 Toluene-d8
 Concen: 50.533 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: VN056756.D
 Acq: 16 Jul 2019 10:20

Tgt Ion: 98 Resp: 643888
 Ion Ratio Lower Upper
 98 100
 100 64.8 52.0 78.0



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: 97.584 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056756.D

Acq: 16 Jul 2019 10:20

Instrument :

MSVOA_N

ClientSampled :

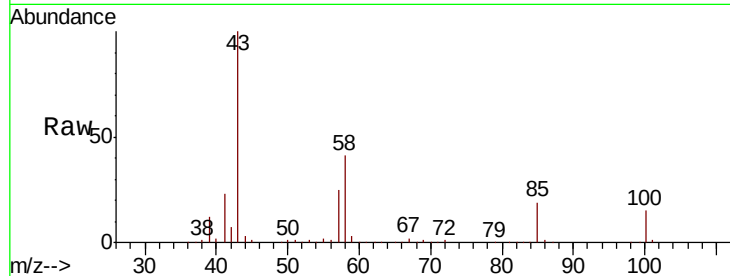
VN0716WBS01

Tot Ion: 43 Resp: 480408

Ion Ratio Lower Upper

43 100

58 40.3 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.98

250000

200000

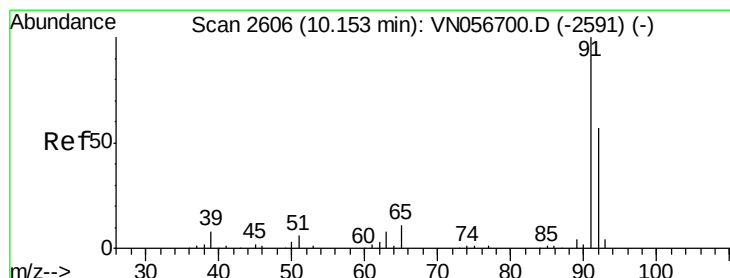
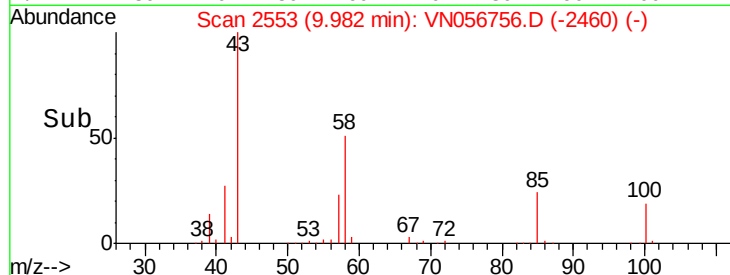
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.781 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056756.D

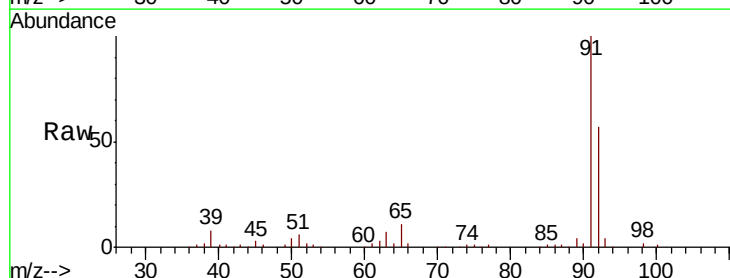
Acq: 16 Jul 2019 10:20

Tgt Ion: 92 Resp: 176576

Ion Ratio Lower Upper

92 100

91 174.0 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.16

200000

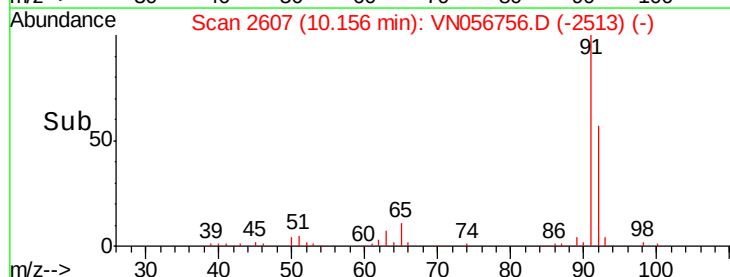
150000

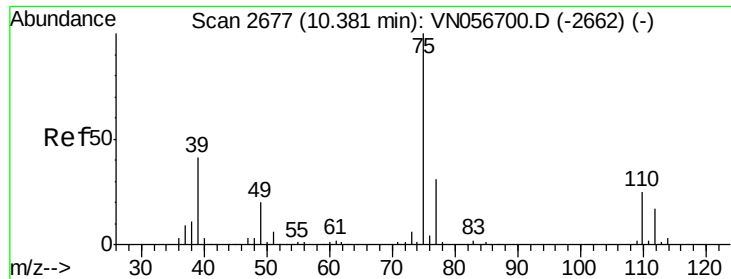
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.608 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN056756.D

Acq: 16 Jul 2019 10:20

Instrument :

MSVOA_N

ClientSampleId :

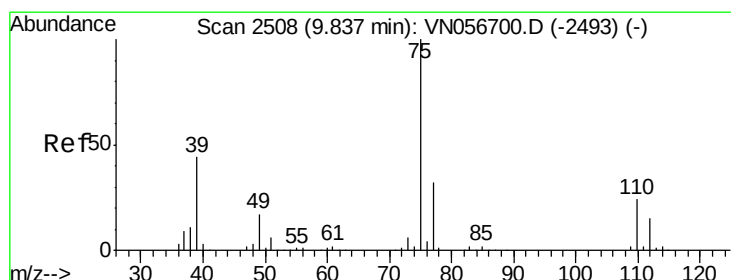
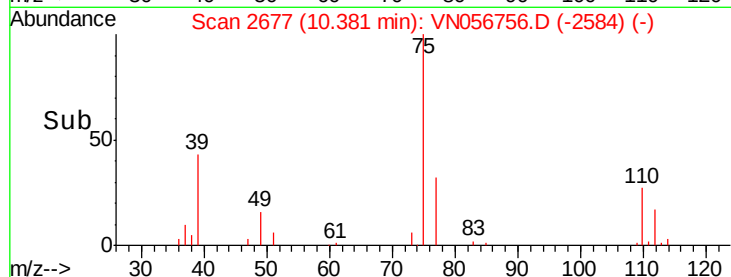
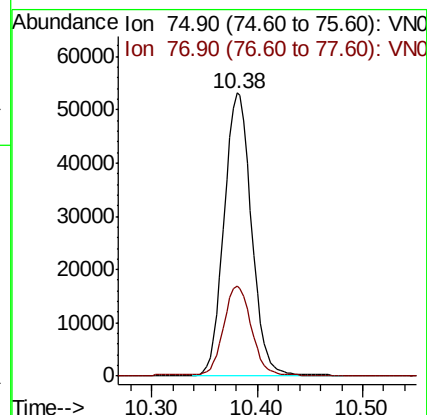
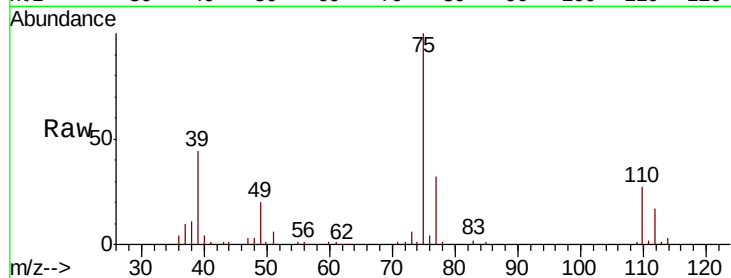
VN0716WBS01

Tot Ion: 75 Resp: 96217

Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 19.545 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN056756.D

Acq: 16 Jul 2019 10:20

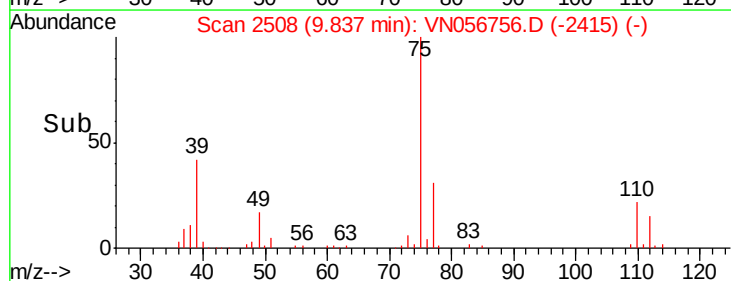
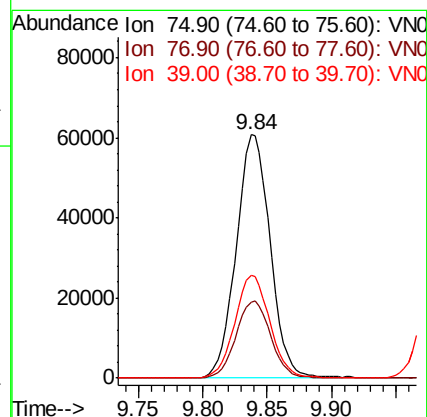
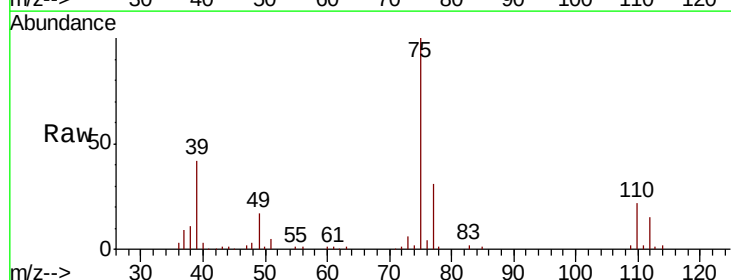
Tgt Ion: 75 Resp: 111292

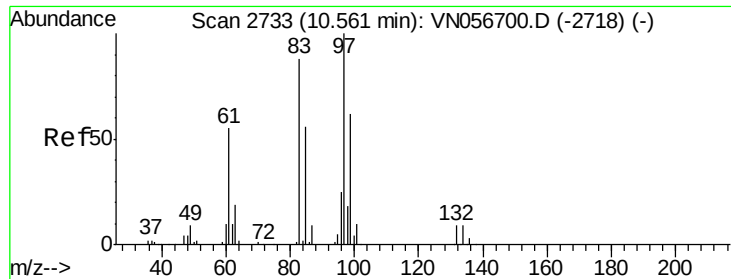
Ion Ratio Lower Upper

75 100

77 31.1 26.0 39.0

39 42.4 35.1 52.7





#55

1,1,2-Trichloroethane

Concen: 19.284 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN056756.D

Acq: 16 Jul 2019 10:20

Instrument :

MSVOA_N

ClientSampled :

VN0716WBS01

Tot Ion: 97 Resp: 72200

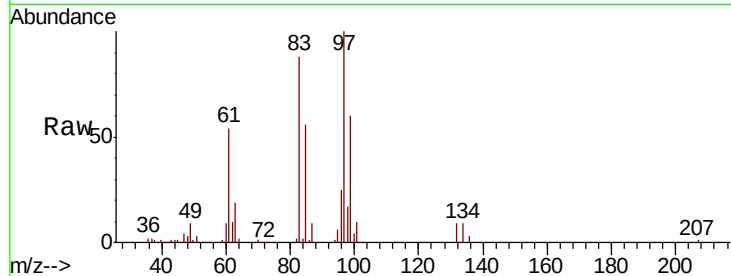
Ion Ratio Lower Upper

97 100

83 87.6 70.3 105.5

85 56.0 44.8 67.2

99 60.0 49.6 74.4

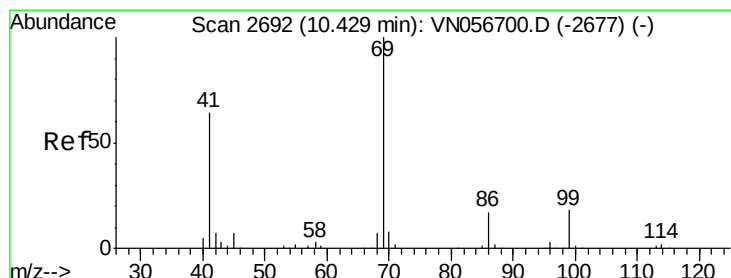
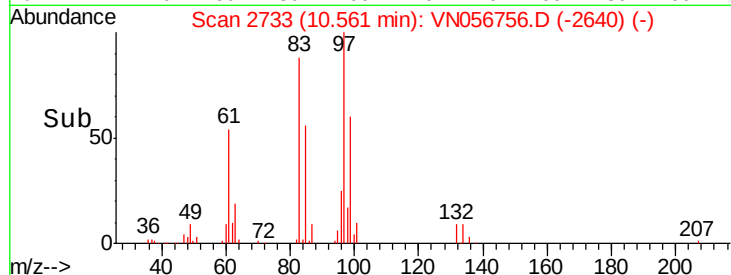
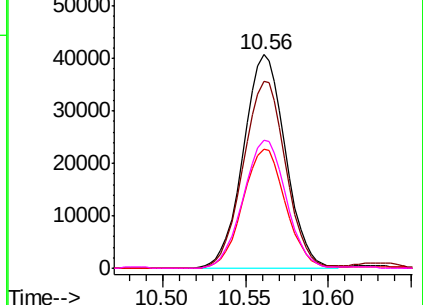


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.933 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN056756.D

Acq: 16 Jul 2019 10:20

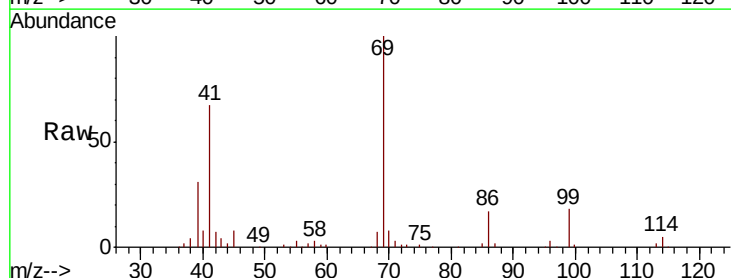
Tgt Ion: 69 Resp: 107385

Ion Ratio Lower Upper

69 100

41 64.6 51.0 76.4

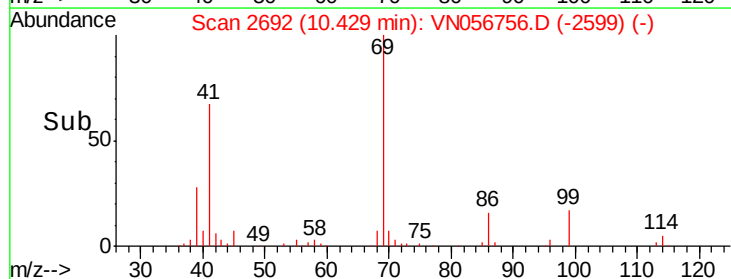
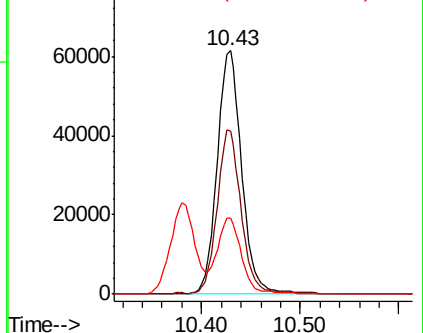
39 30.4 24.6 36.8

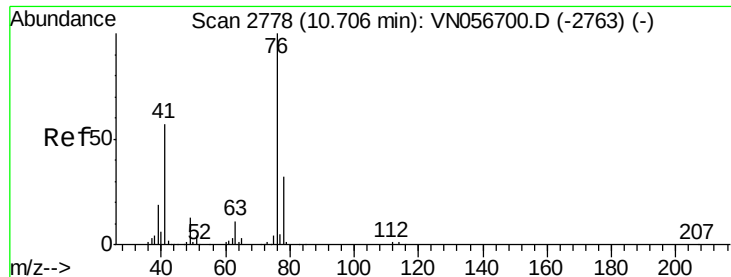


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

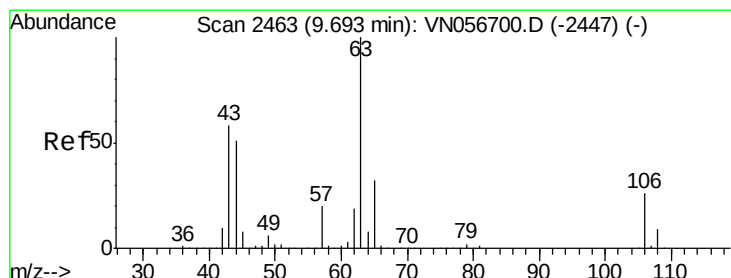
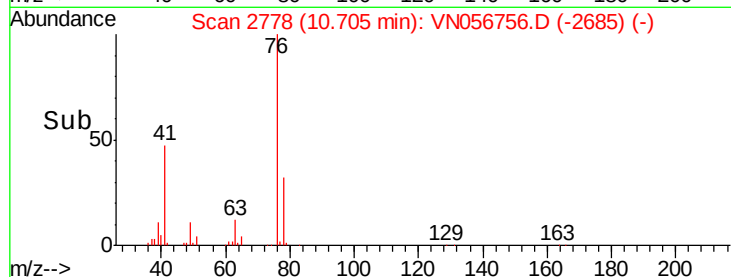
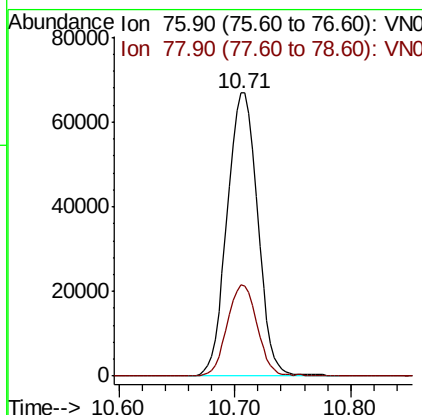
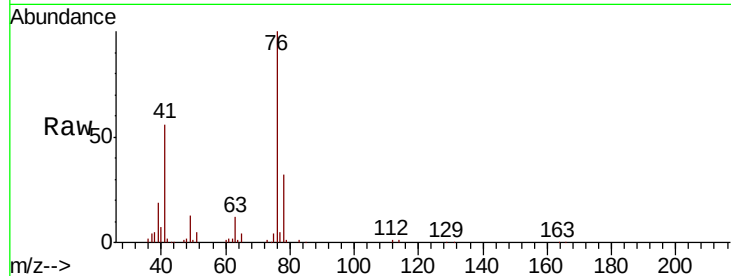




#57
 1,3-Dichloropropane
 Concen: 19.964 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN056756.D
 Acq: 16 Jul 2019 10:20

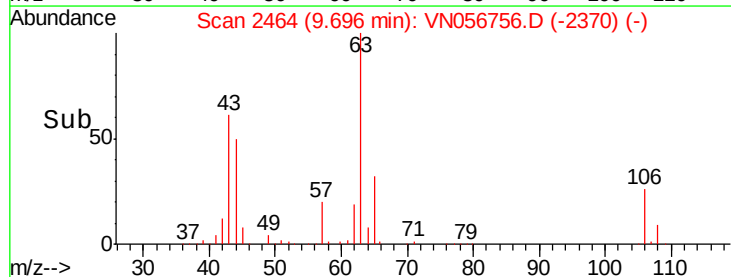
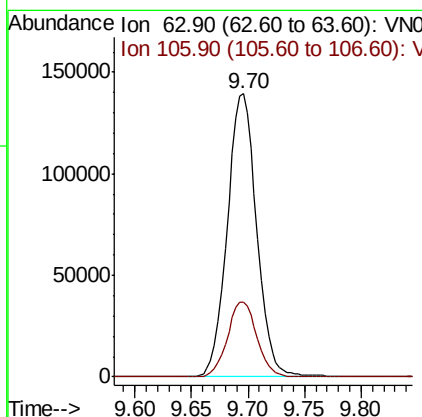
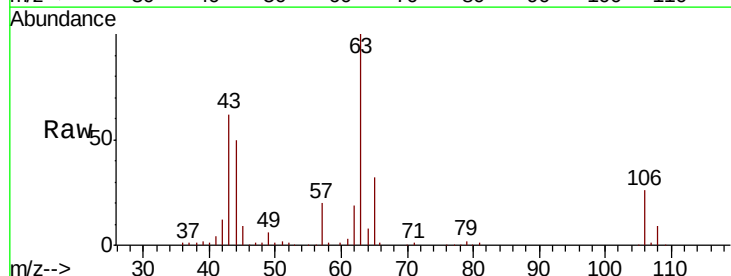
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBS01

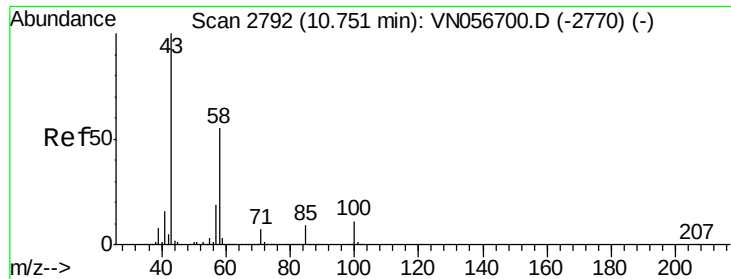
Tot Ion: 76 Resp: 122079
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.386 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN056756.D
 Acq: 16 Jul 2019 10:20

Tgt Ion: 63 Resp: 252286
 Ion Ratio Lower Upper
 63 100
 106 26.6 21.2 31.8

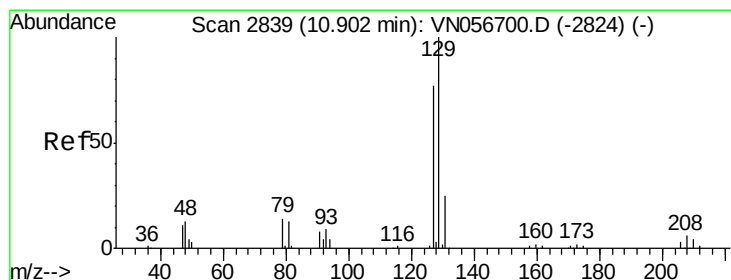
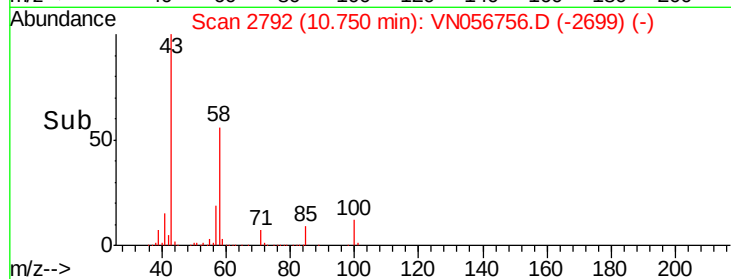
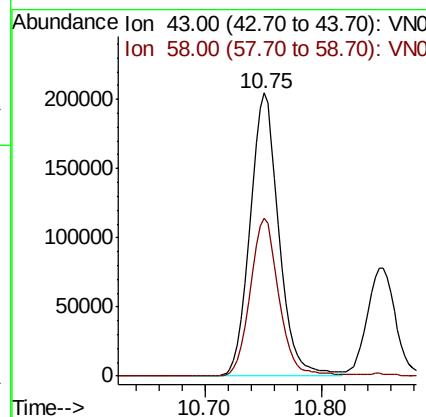
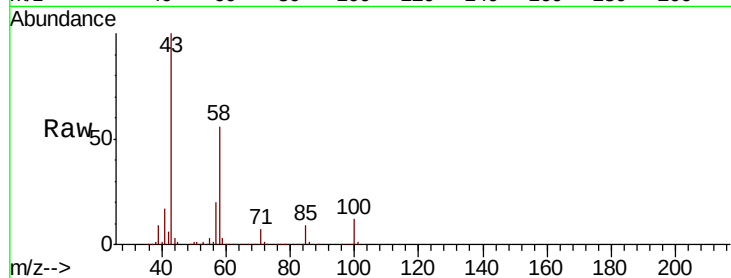




#59
2-Hexanone
Concen: 100.246 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056756.D
Acq: 16 Jul 2019 10:20

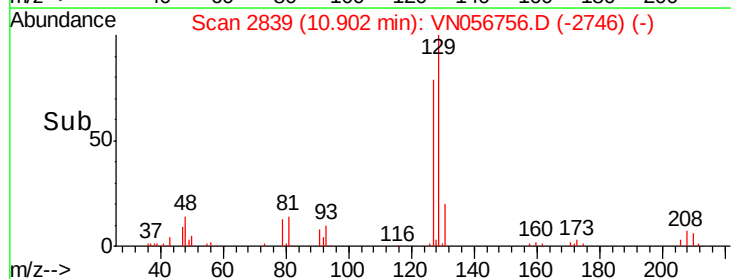
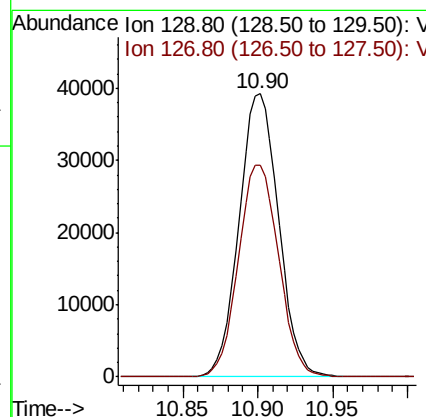
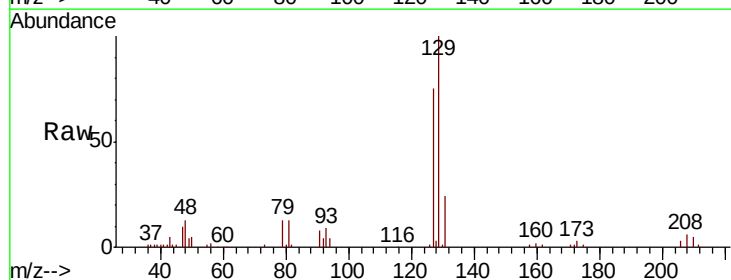
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBS01

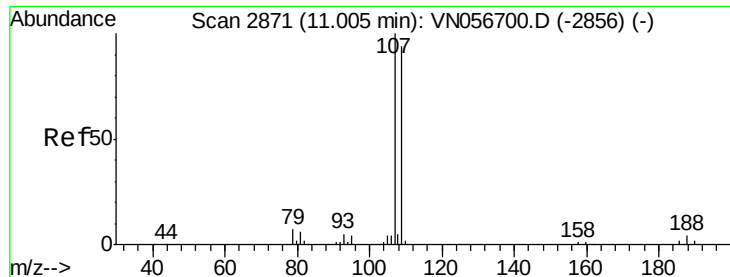
Tot Ion: 43 Resp: 354112
Ion Ratio Lower Upper
43 100
58 56.0 27.9 83.6



#60
Dibromochloromethane
Concen: 19.627 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN056756.D
Acq: 16 Jul 2019 10:20

Tgt Ion: 129 Resp: 72271
Ion Ratio Lower Upper
129 100
127 76.3 38.2 114.6

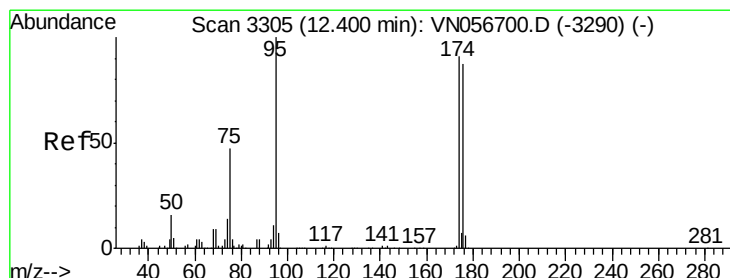
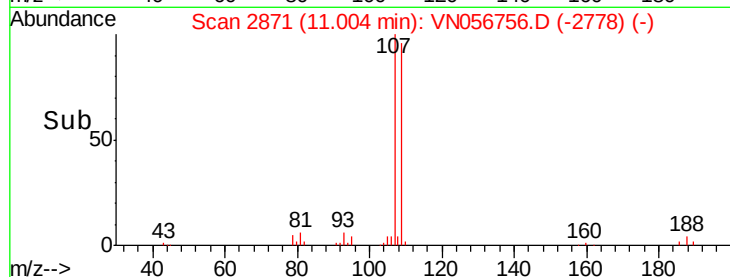
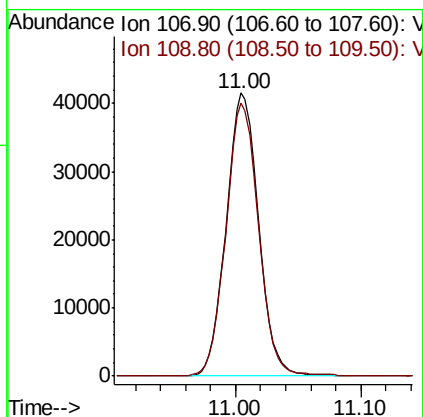
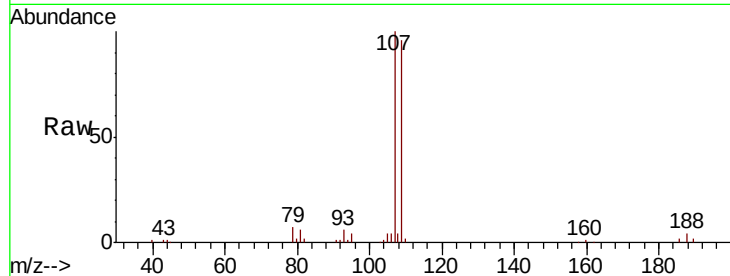




#61
 1,2-Dibromoethane
 Concen: 19.968 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN056756.D
 Acq: 16 Jul 2019 10:20

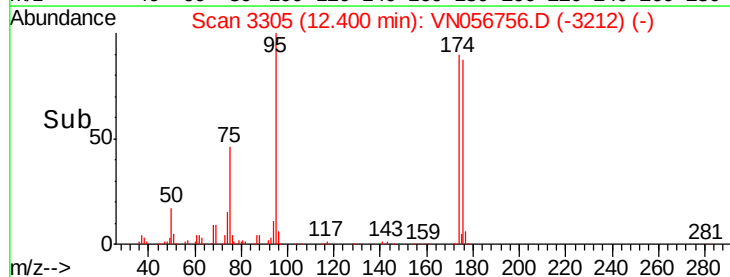
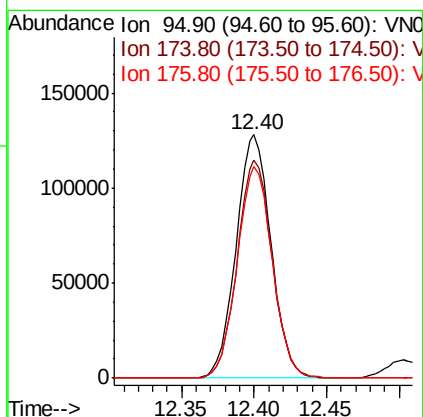
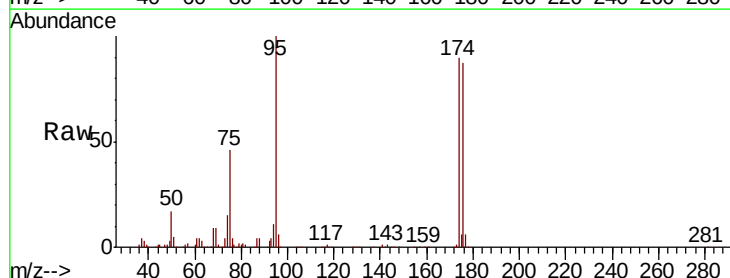
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBS01

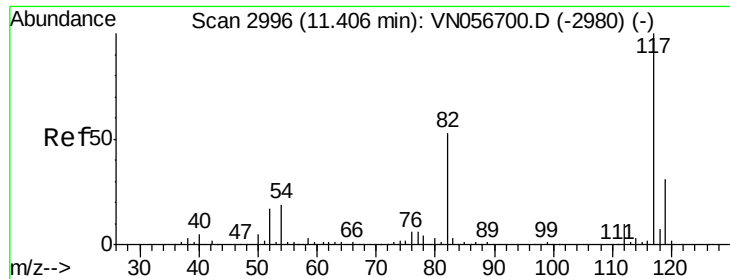
Tot Ion:107 Resp: 74300
 Ion Ratio Lower Upper
 107 100
 109 97.3 76.2 114.4



#62
 4-Bromofluorobenzene
 Concen: 49.824 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN056756.D
 Acq: 16 Jul 2019 10:20

Tgt Ion: 95 Resp: 214094
 Ion Ratio Lower Upper
 95 100
 174 89.4 0.0 180.0
 176 87.6 0.0 173.2

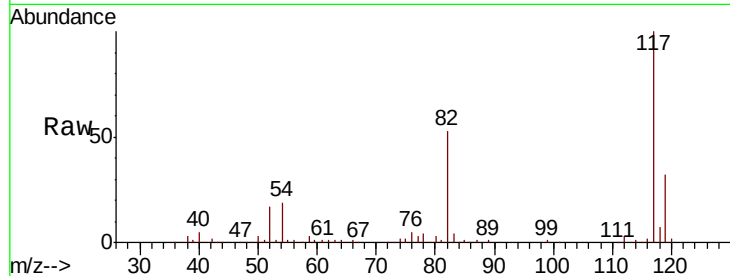




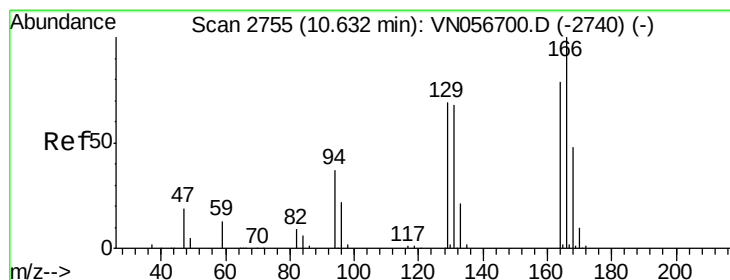
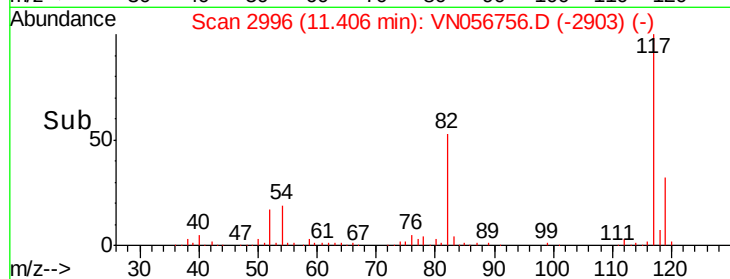
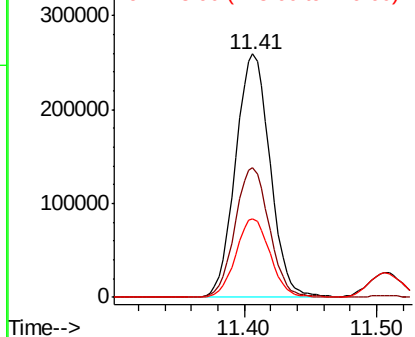
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056756.D
Acq: 16 Jul 2019 10:20

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBS01

Tot Ion:117 Resp: 468816
Ion Ratio Lower Upper
117 100
82 53.1 42.2 63.2
119 32.4 25.2 37.8

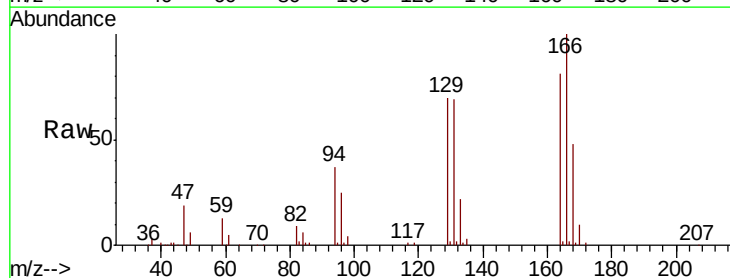


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

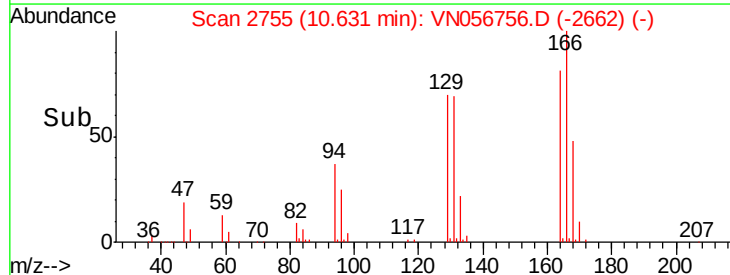
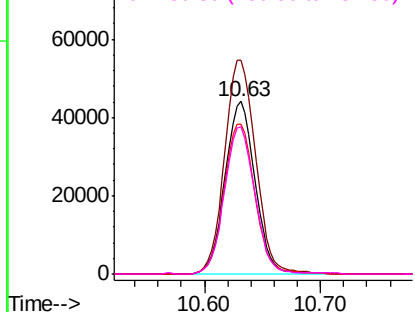


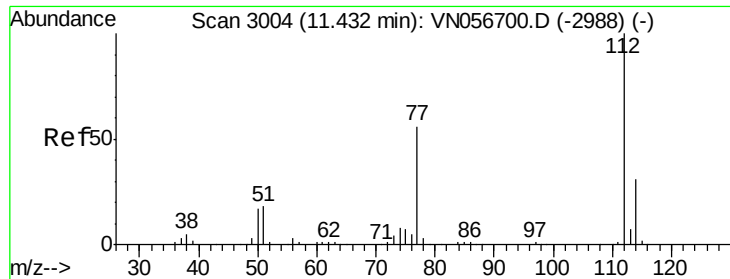
#64
Tetrachloroethene
Concen: 19.521 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN056756.D
Acq: 16 Jul 2019 10:20

Tgt Ion:164 Resp: 78956
Ion Ratio Lower Upper
164 100
166 123.9 101.4 152.2
129 87.2 69.6 104.4
131 85.1 69.0 103.4



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

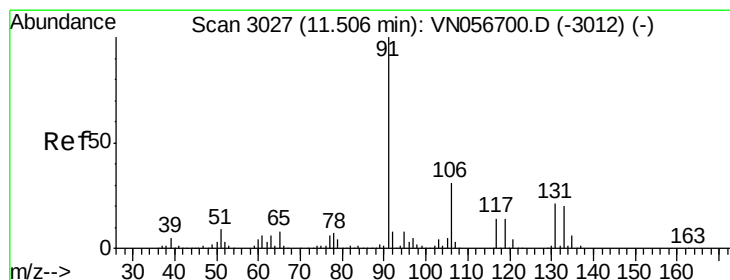
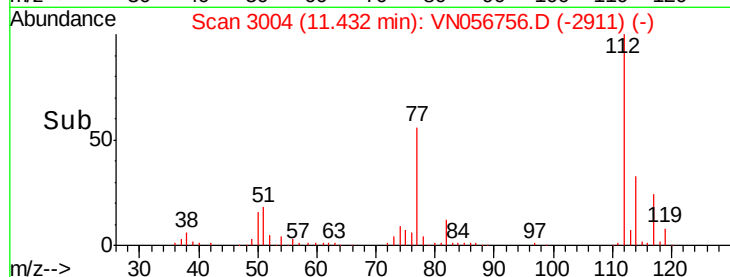
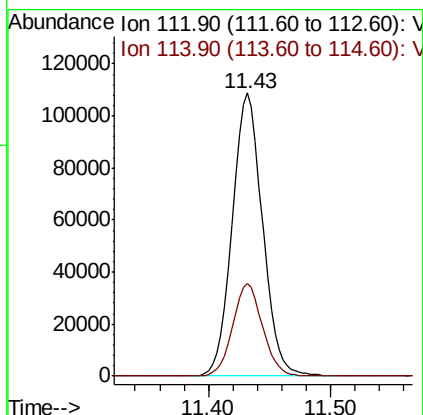
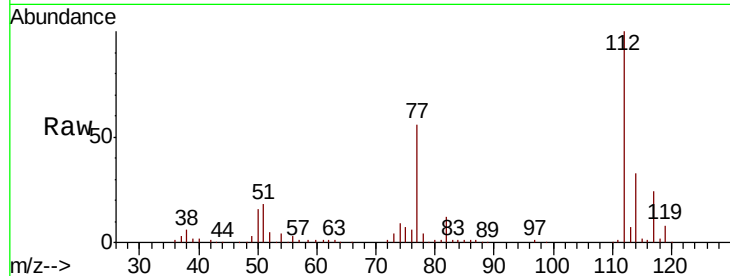




#65
Chlorobenzene
Concen: 19.584 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056756.D
Acq: 16 Jul 2019 10:20

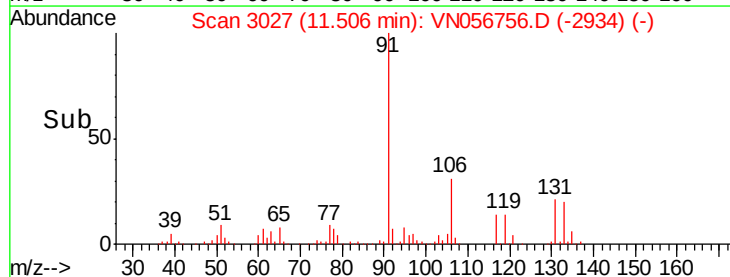
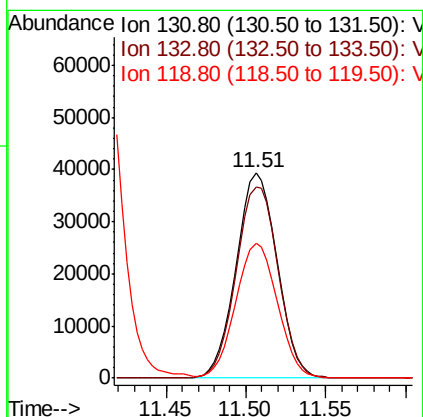
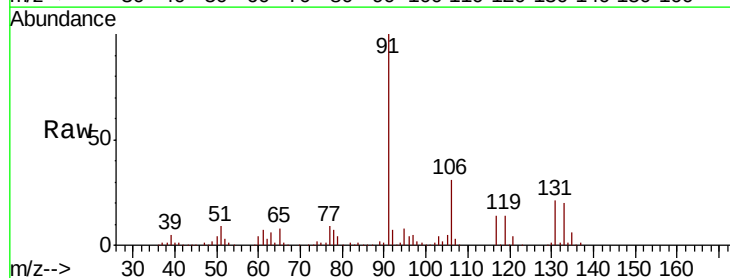
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBS01

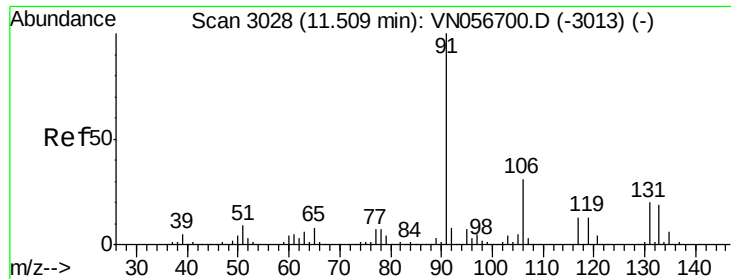
Tot Ion:112 Resp: 187735
Ion Ratio Lower Upper
112 100
114 32.6 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.483 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN056756.D
Acq: 16 Jul 2019 10:20

Tgt Ion:131 Resp: 68765
Ion Ratio Lower Upper
131 100
133 95.5 46.9 140.7
119 66.8 32.8 98.3

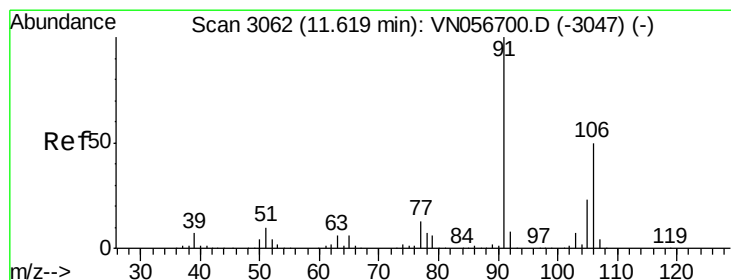
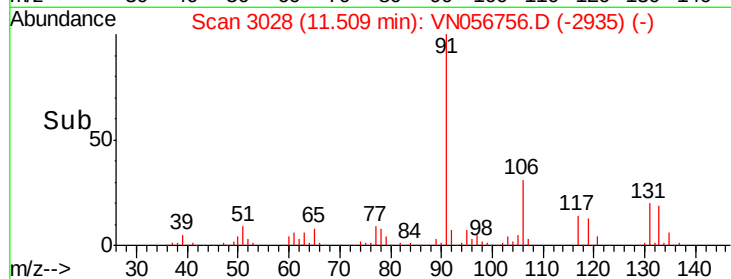
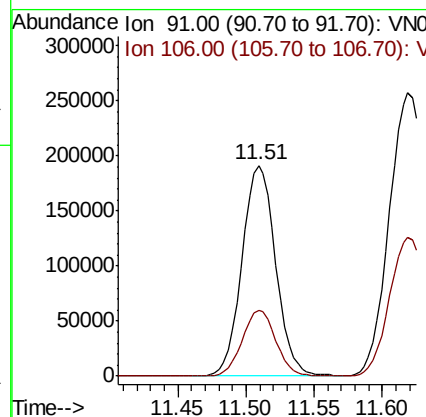
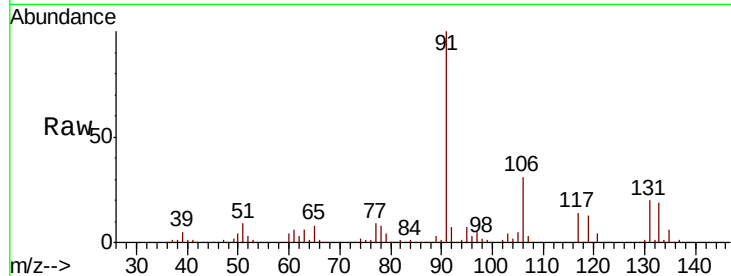




#67
Ethyl Benzene
Concen: 19.502 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056756.D
Acq: 16 Jul 2019 10:20

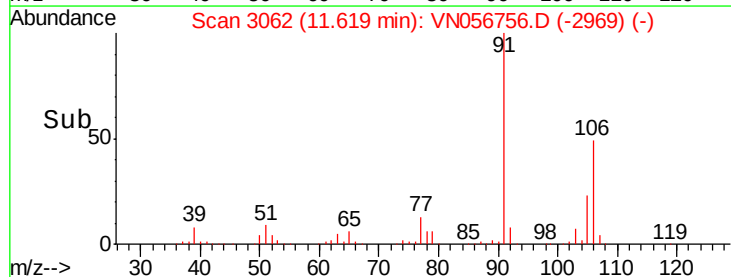
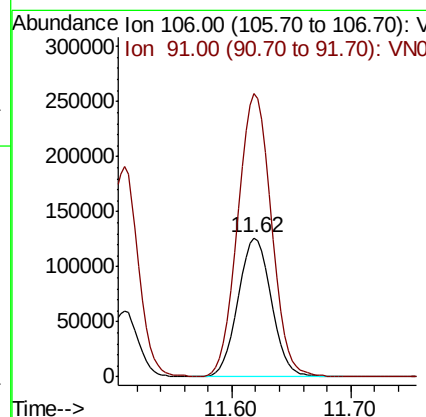
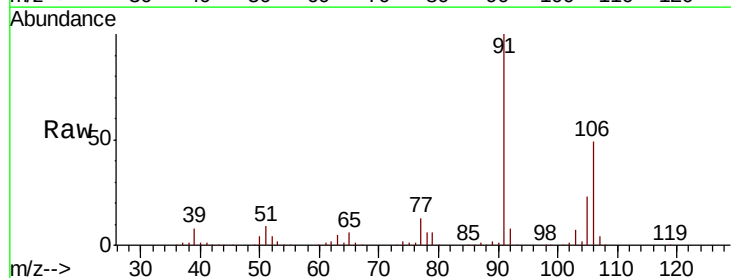
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBS01

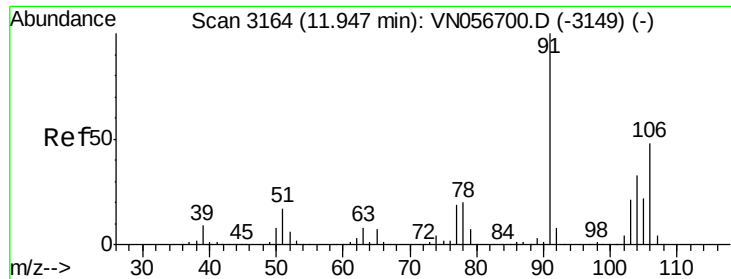
Tot Ion: 91 Resp: 328539
Ion Ratio Lower Upper
91 100
106 31.4 24.8 37.2



#68
m/p-Xylenes
Concen: 39.043 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056756.D
Acq: 16 Jul 2019 10:20

Tgt Ion: 106 Resp: 245813
Ion Ratio Lower Upper
106 100
91 204.6 160.5 240.7

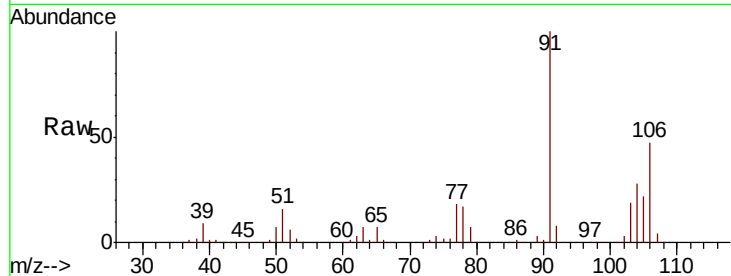




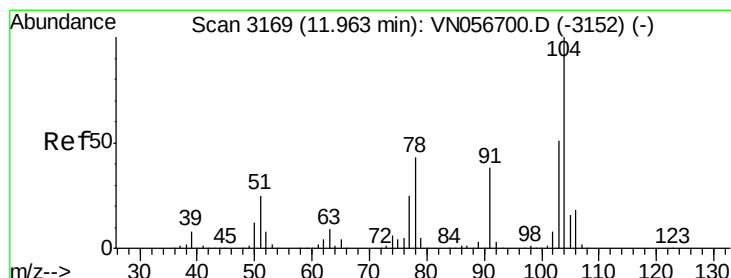
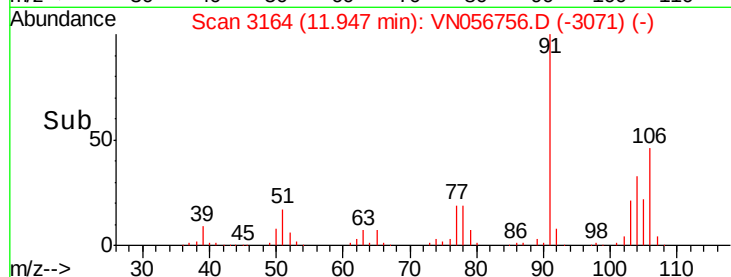
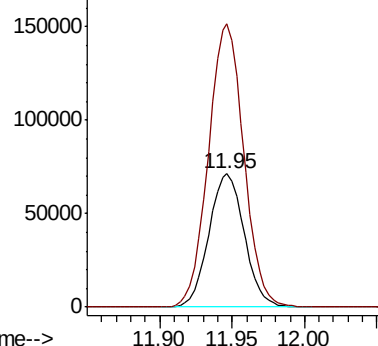
#69
o-Xylene
Concen: 19.541 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056756.D
Acq: 16 Jul 2019 10:20

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBS01

Tot Ion:106 Resp: 120955
Ion Ratio Lower Upper
106 100
91 211.9 105.6 316.8

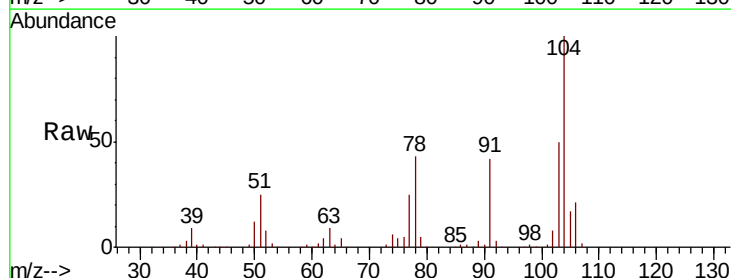


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

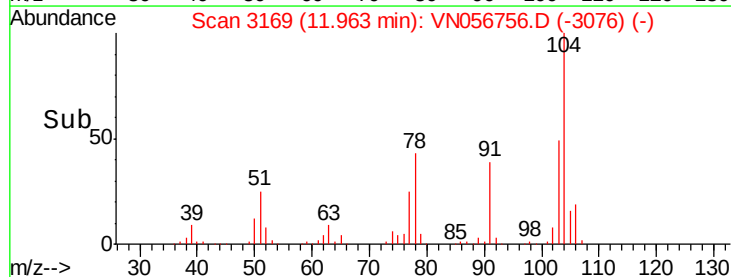
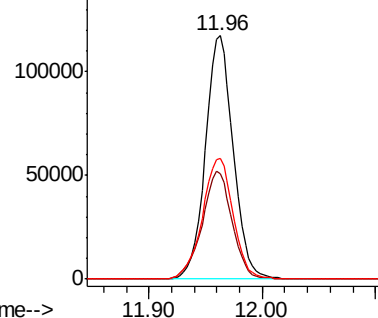


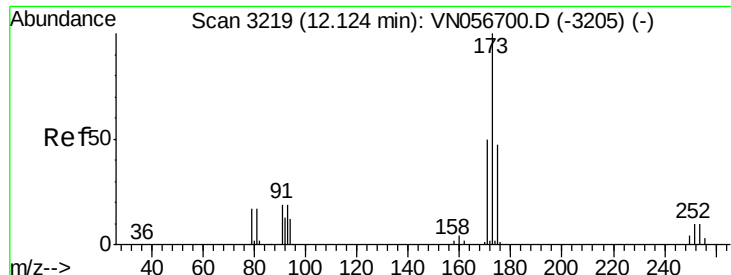
#70
Styrene
Concen: 20.034 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056756.D
Acq: 16 Jul 2019 10:20

Tgt Ion:104 Resp: 200478
Ion Ratio Lower Upper
104 100
78 47.9 38.6 57.8
103 54.9 44.2 66.4



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

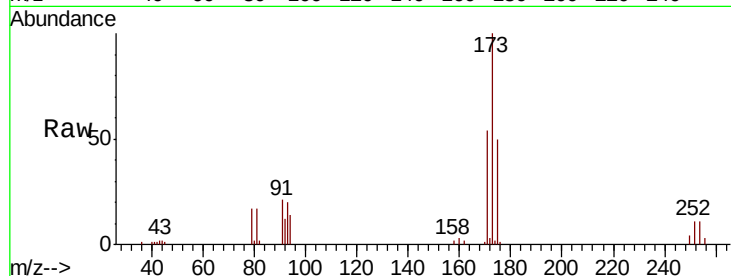




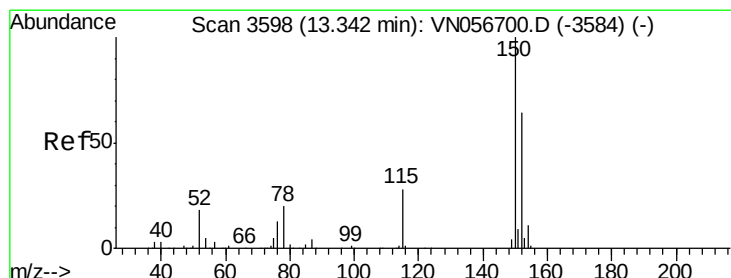
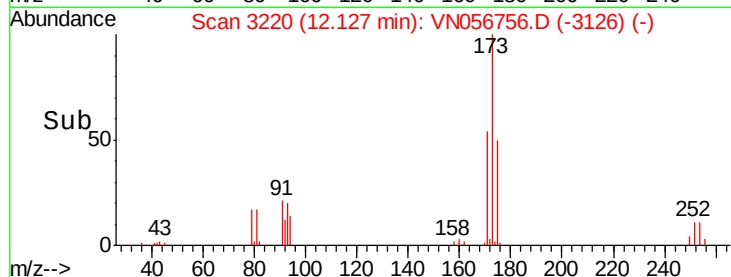
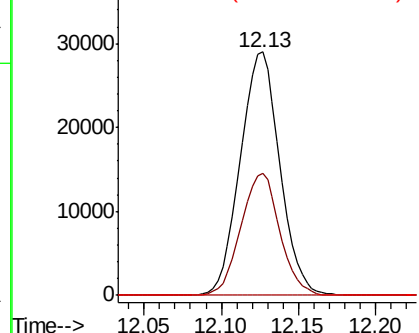
#71
Bromoform
Concen: 19.189 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056756.D
Acq: 16 Jul 2019 10:20

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBS01

Tot Ion:173 Resp: 51531
Ion Ratio Lower Upper
173 100
175 49.1 23.8 71.4
254 0.0 0.0 0.0

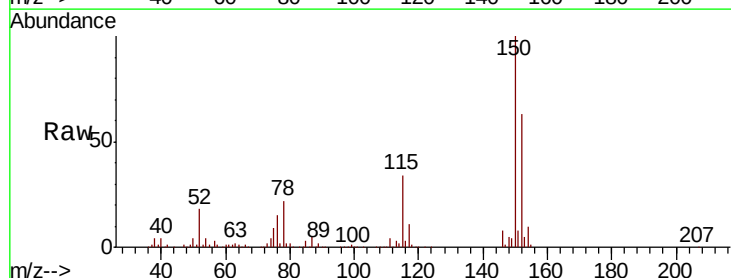


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

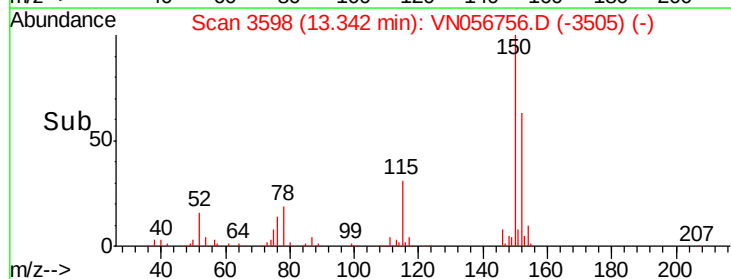
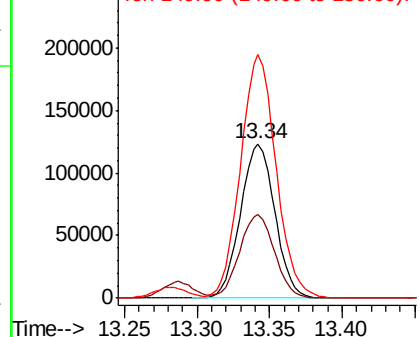


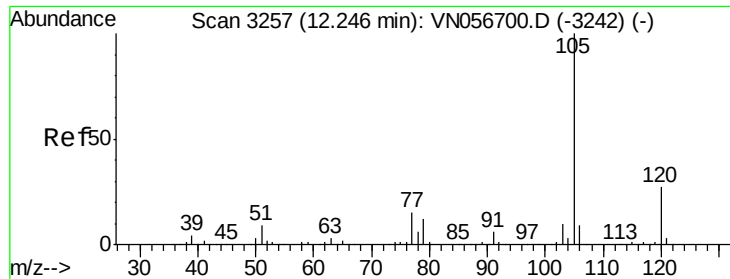
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056756.D
Acq: 16 Jul 2019 10:20

Tgt Ion:152 Resp: 203088
Ion Ratio Lower Upper
152 100
115 54.9 28.2 84.7
150 163.0 0.0 345.8



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: 19.325 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN056756.D

Acq: 16 Jul 2019 10:20

Instrument :

MSVOA_N

ClientSampleId :

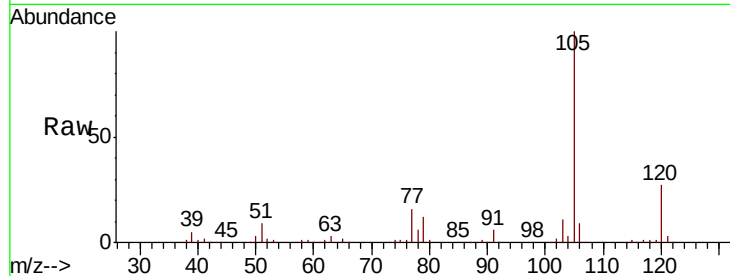
VN0716WBS01

Tot Ion:105 Resp: 316445

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

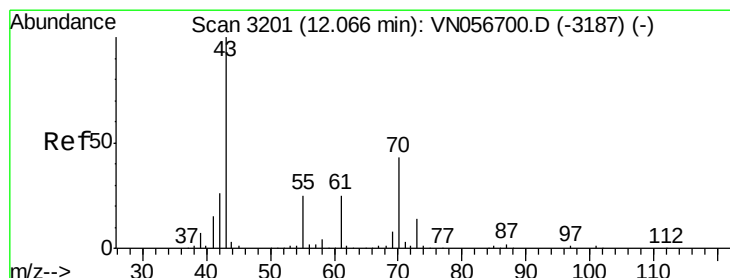
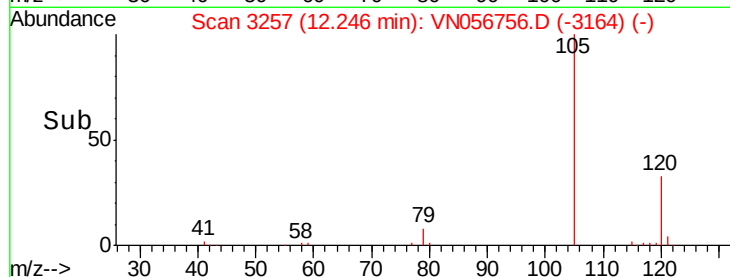
100000

50000

0

12.15 12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 19.107 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN056756.D

Acq: 16 Jul 2019 10:20

Tgt Ion: 43 Resp: 116526

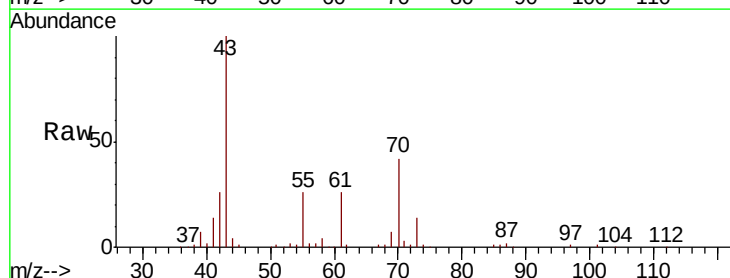
Ion Ratio Lower Upper

43 100

70 43.1 34.5 51.7

55 26.2 20.2 30.2

61 25.2 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

100000

80000

60000

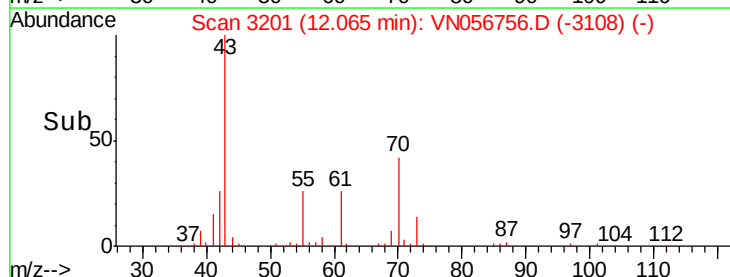
40000

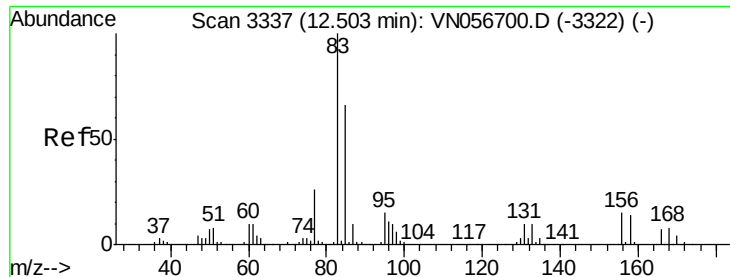
20000

0

12.00 12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.559 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056756.D

Acq: 16 Jul 2019 10:20

Instrument :

MSVOA_N

ClientSampleId :

VN0716WBS01

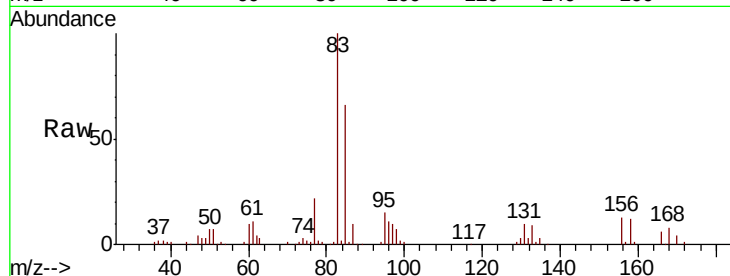
Tot Ion: 83 Resp: 102913

Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.3	15.8
85	65.0	32.6	97.8

83 100

131 10.1 5.3 15.8

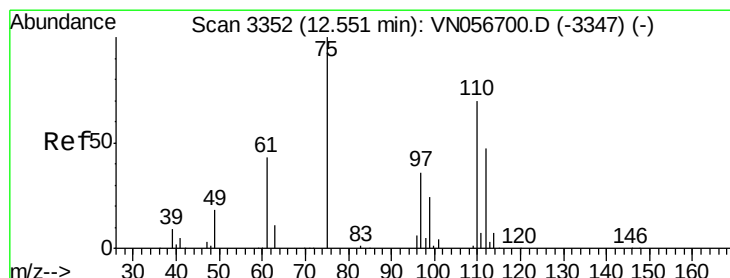
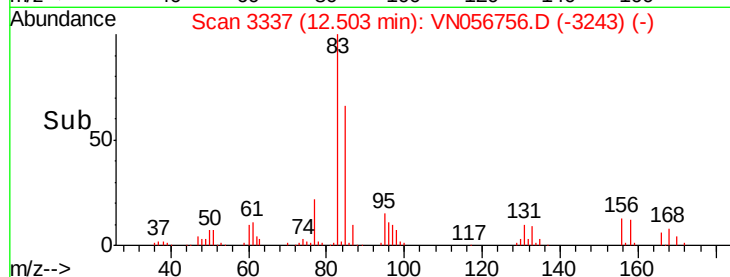
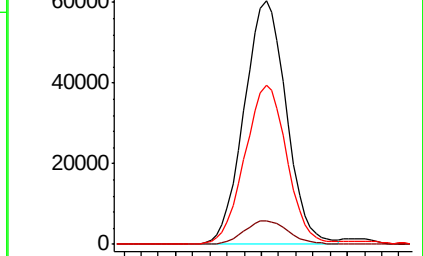
85 65.0 32.6 97.8



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: 27.941 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN056756.D

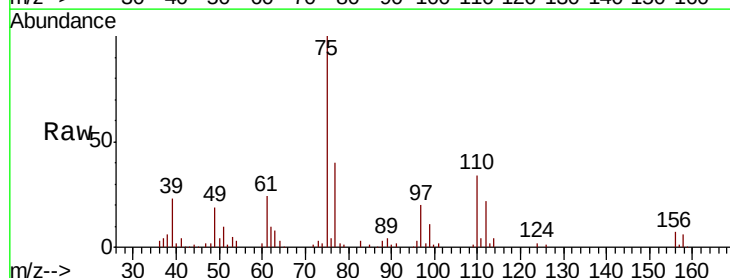
Acq: 16 Jul 2019 10:20

Tgt Ion: 75 Resp: 124110

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

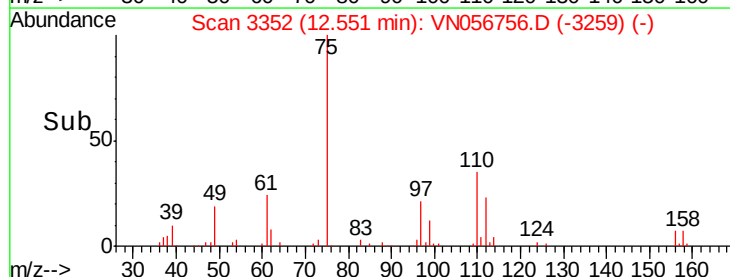
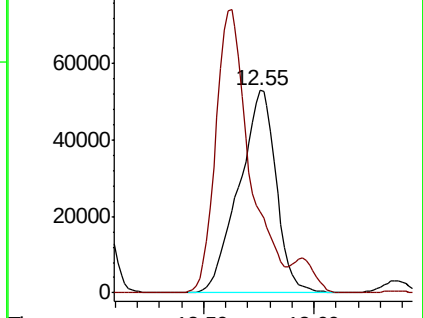
75 100

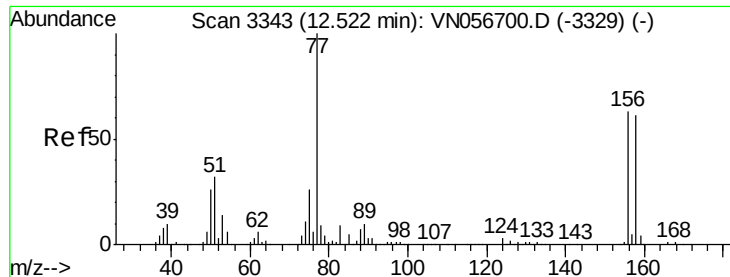
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.954 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056756.D

Acq: 16 Jul 2019 10:20

Instrument :

MSVOA_N

ClientSampleId :

VN0716WBS01

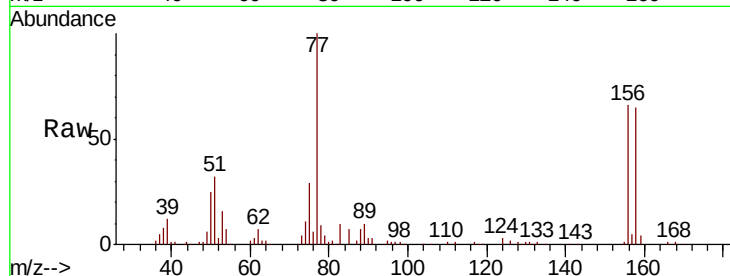
Tot Ion:156 Resp: 85464

Ion Ratio Lower Upper

156 100

77 186.6 97.2 291.6

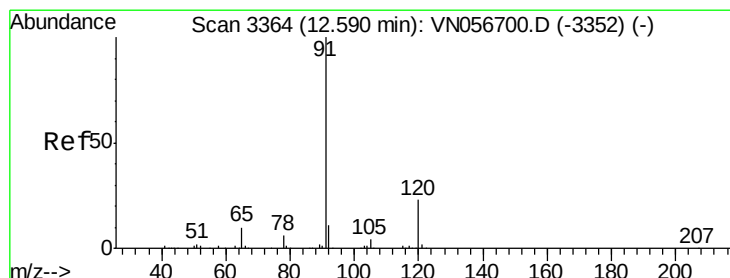
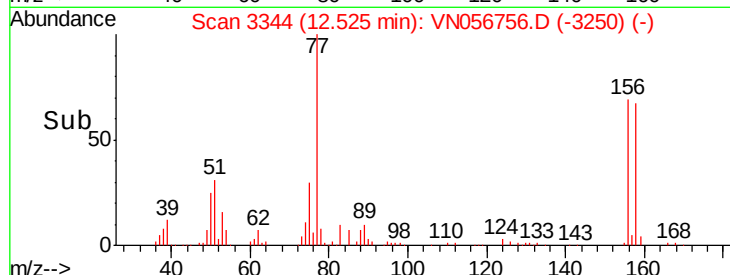
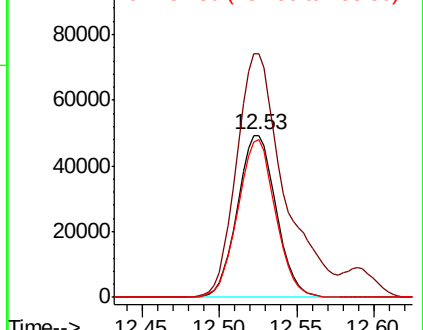
158 95.2 48.9 146.8



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: 19.287 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056756.D

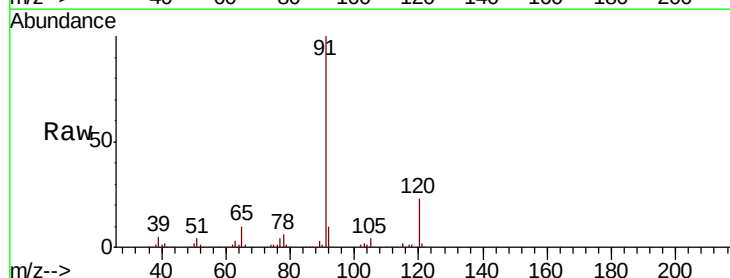
Acq: 16 Jul 2019 10:20

Tgt Ion: 91 Resp: 350623

Ion Ratio Lower Upper

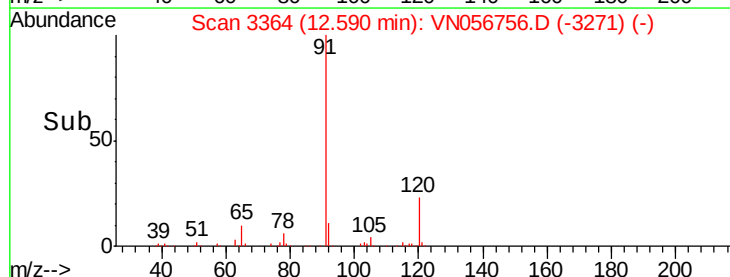
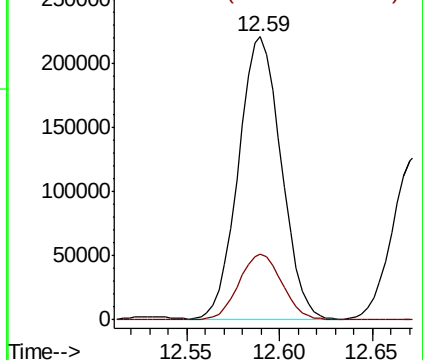
91 100

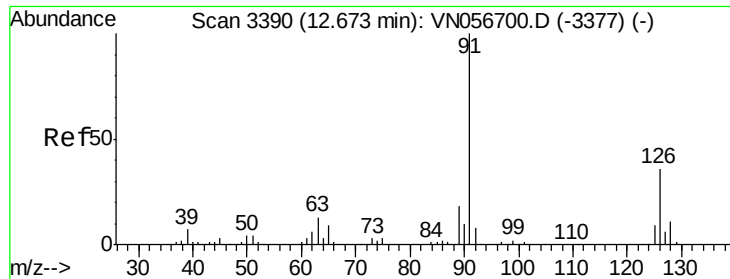
120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

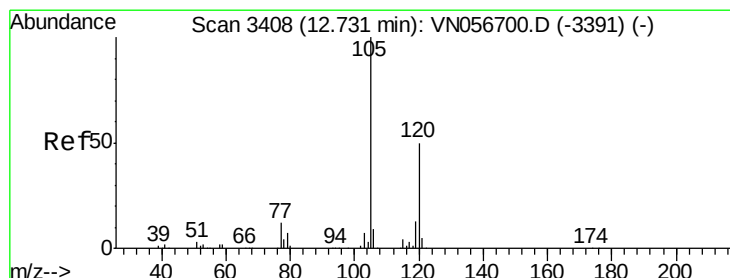
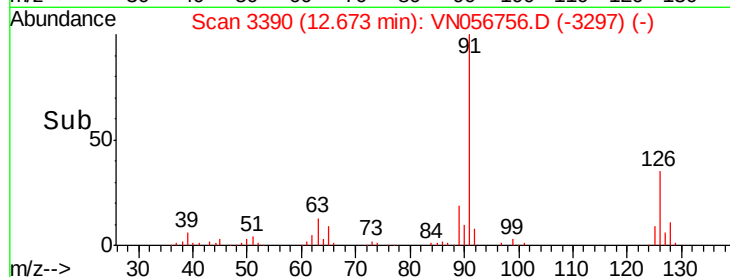
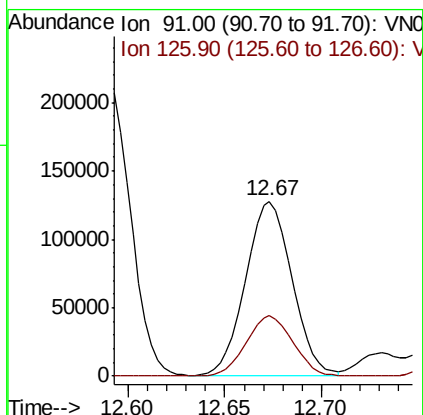
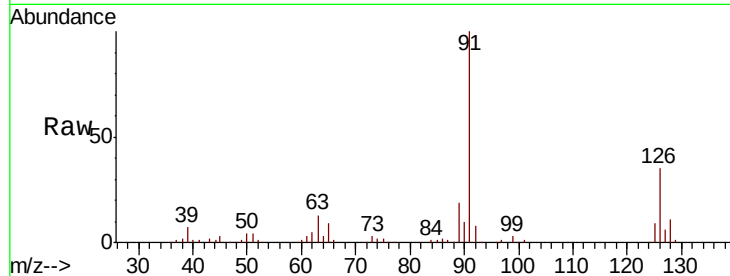




#79
 2-Chlorotoluene
 Concen: 20.188 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN056756.D
 Acq: 16 Jul 2019 10:20

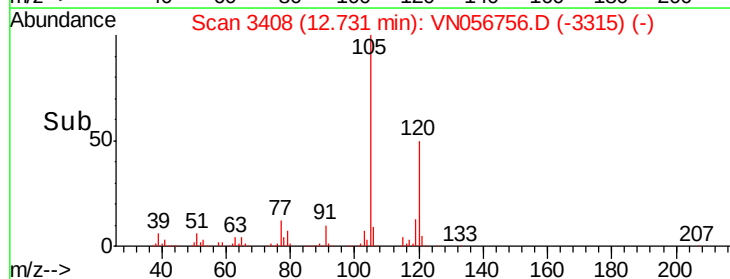
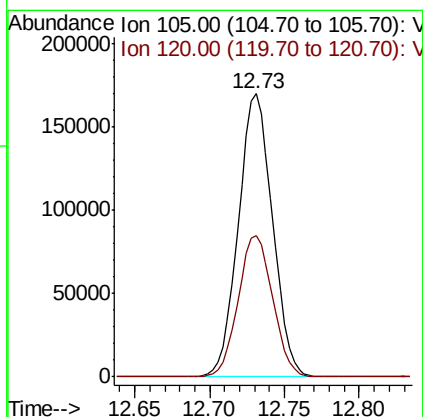
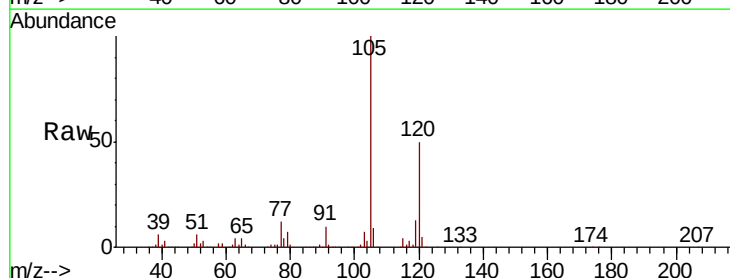
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBS01

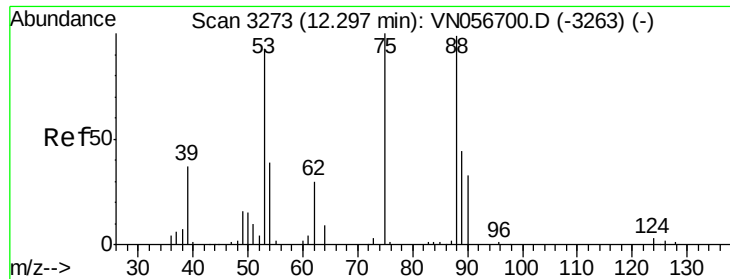
Tot Ion: 91 Resp: 212637
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.434 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN056756.D
 Acq: 16 Jul 2019 10:20

Tgt Ion: 105 Resp: 269720
 Ion Ratio Lower Upper
 105 100
 120 50.4 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 19.658 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN056756.D

Acq: 16 Jul 2019 10:20

Instrument :

MSVOA_N

ClientSampleId :

VN0716WBS01

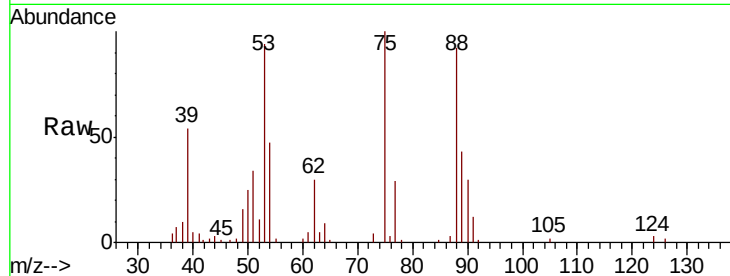
Tot Ion: 75 Resp: 28273

Ion Ratio Lower Upper

75 100

53 94.0 73.7 110.5

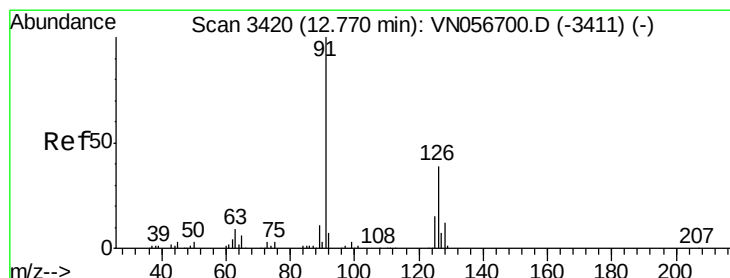
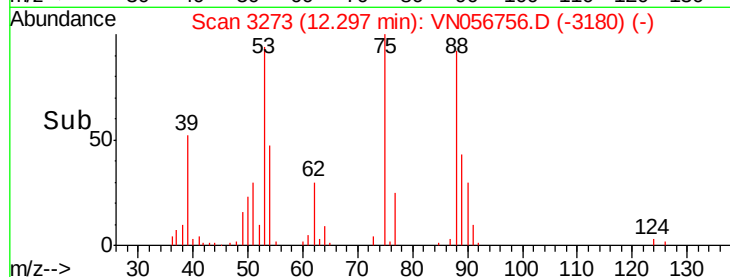
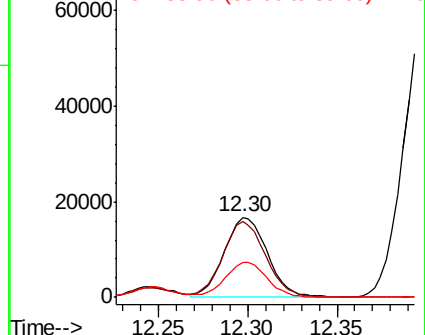
89 42.6 36.2 54.2



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: 19.457 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056756.D

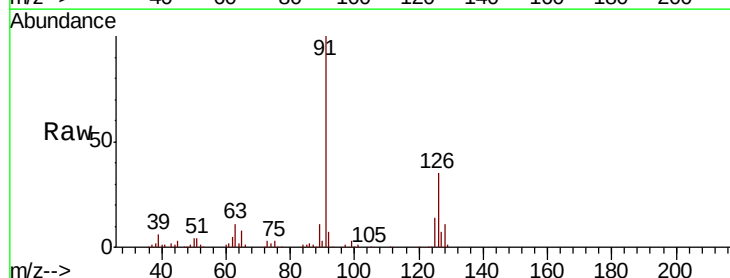
Acq: 16 Jul 2019 10:20

Tgt Ion: 91 Resp: 207577

Ion Ratio Lower Upper

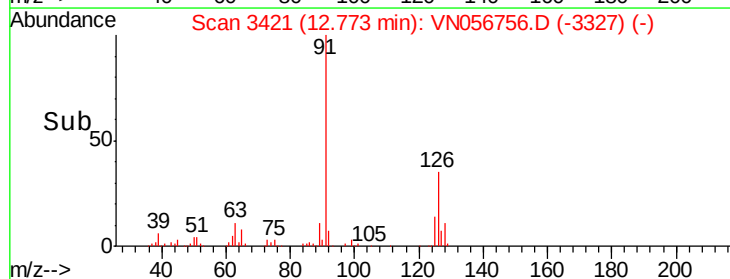
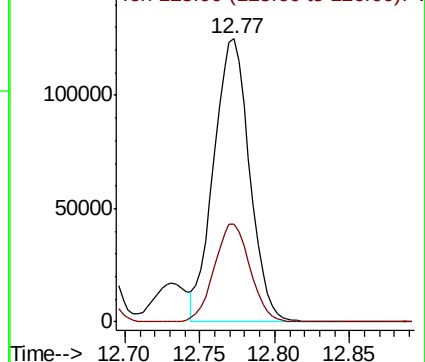
91 100

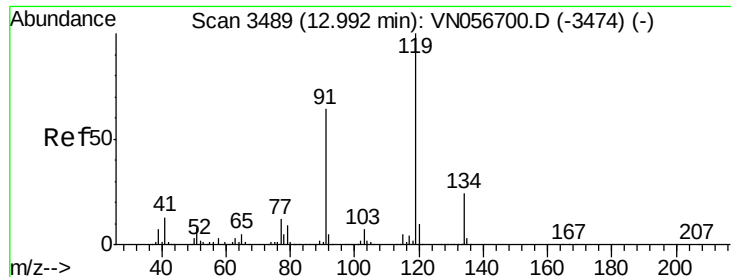
126 34.8 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

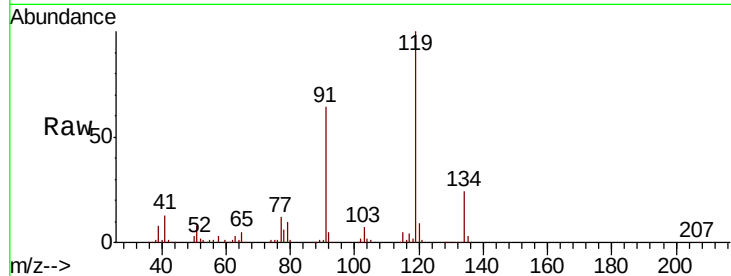




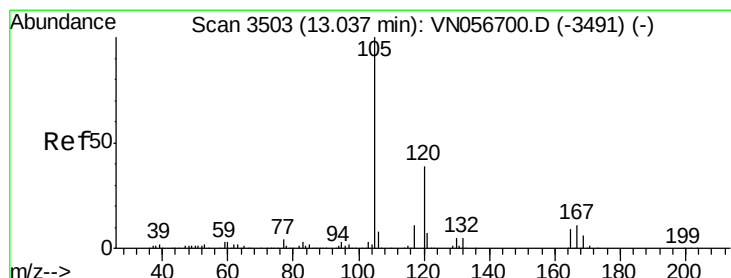
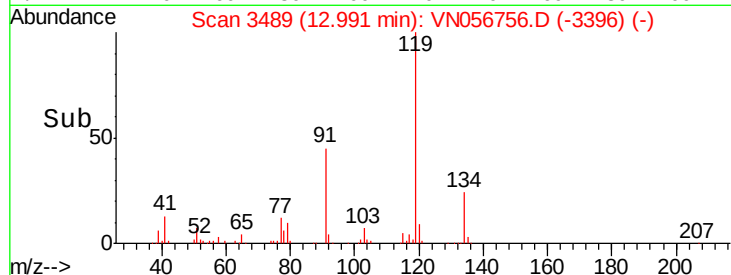
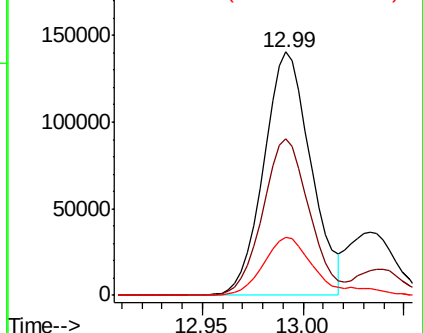
#83
 tert-Butylbenzene
 Concen: 20.160 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056756.D
 Acq: 16 Jul 2019 10:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBS01

Tot Ion:119 Resp: 227429
 Ion Ratio Lower Upper
 119 100
 91 63.7 31.8 95.4
 134 26.6 13.0 38.9

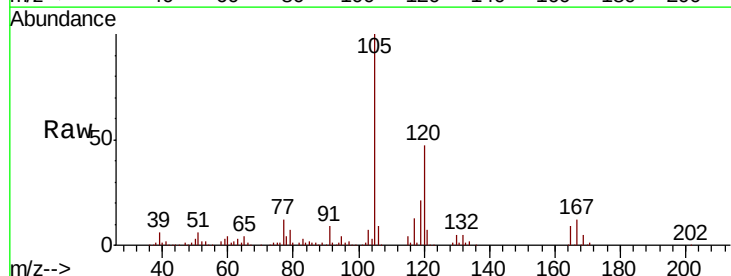


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

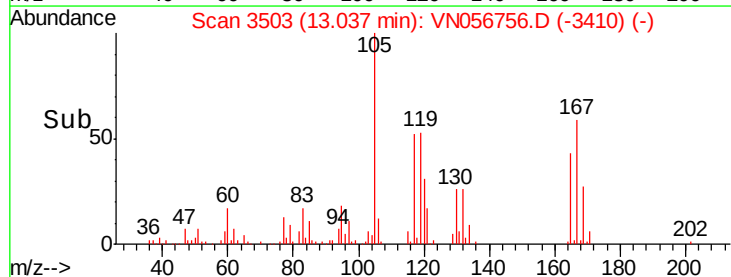
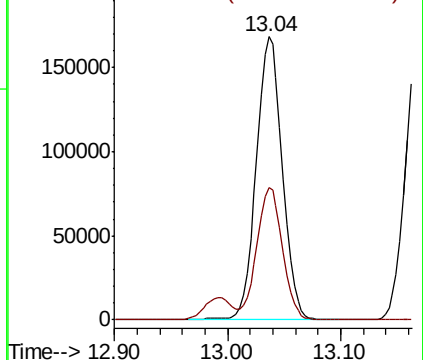


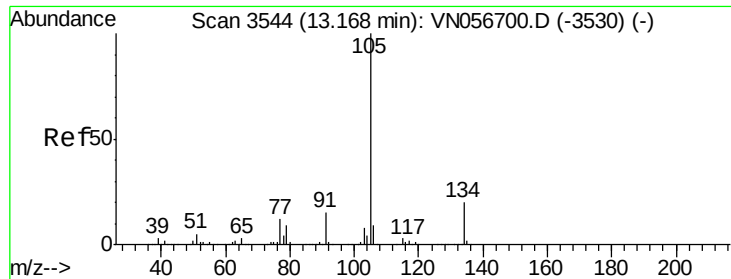
#84
 1,2,4-Trimethylbenzene
 Concen: 19.791 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN056756.D
 Acq: 16 Jul 2019 10:20

Tgt Ion:105 Resp: 268339
 Ion Ratio Lower Upper
 105 100
 120 46.6 22.9 68.8



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

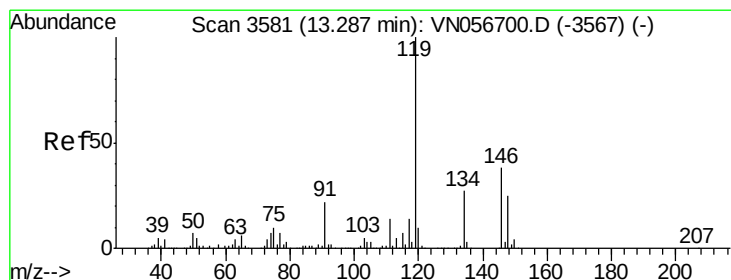
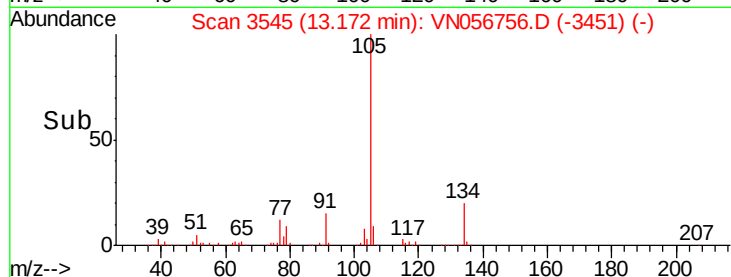
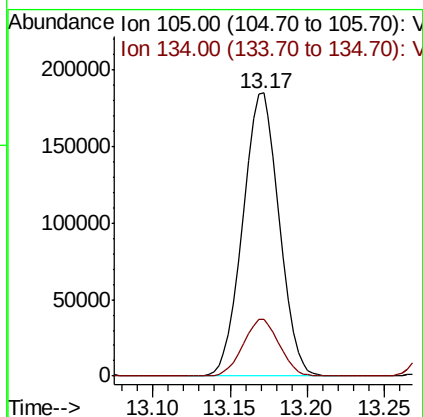
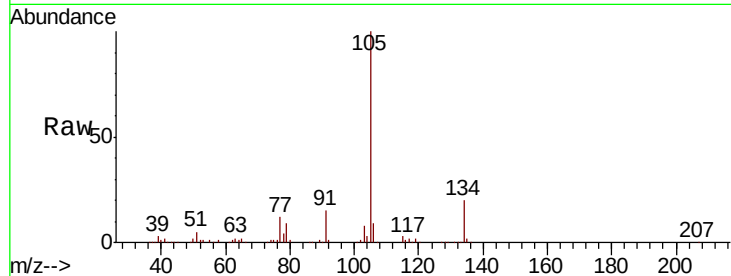




#85
 sec-Butylbenzene
 Concen: 19.625 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056756.D
 Acq: 16 Jul 2019 10:20

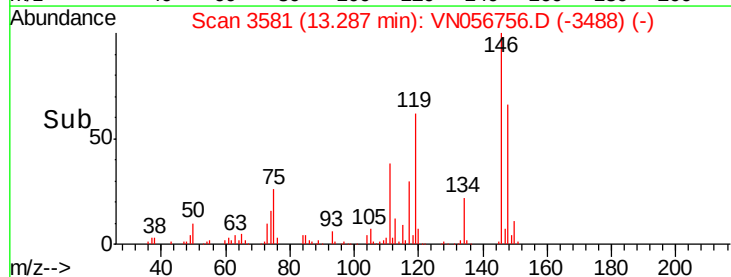
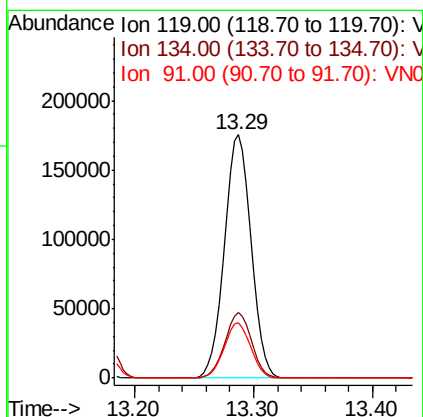
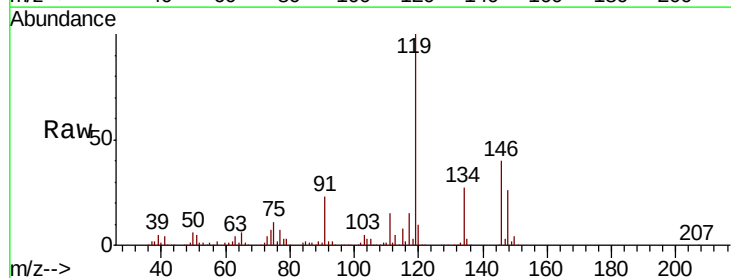
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBS01

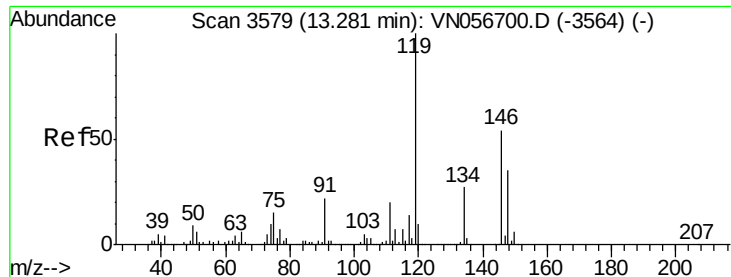
Tot Ion:105 Resp: 302643
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 19.510 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN056756.D
 Acq: 16 Jul 2019 10:20

Tgt Ion:119 Resp: 272566
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.6 40.7
 91 22.6 11.2 33.5

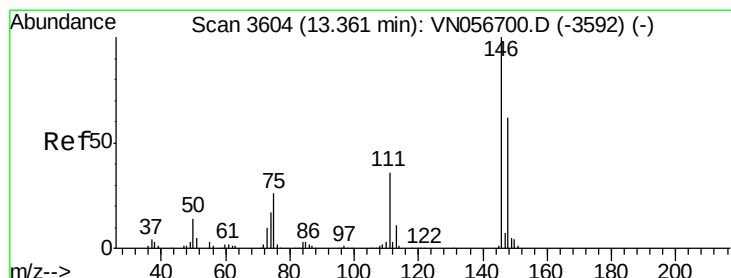
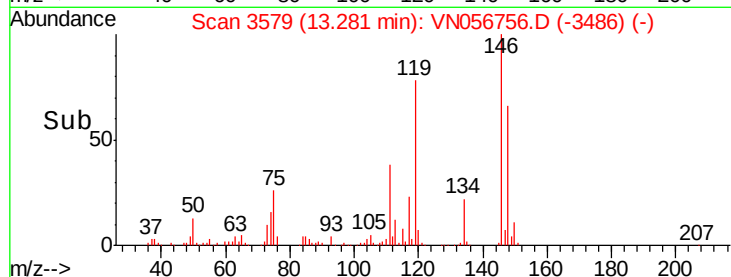
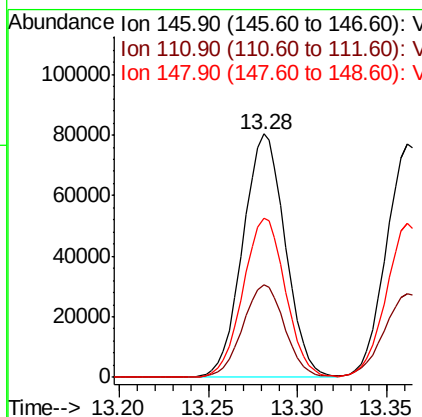
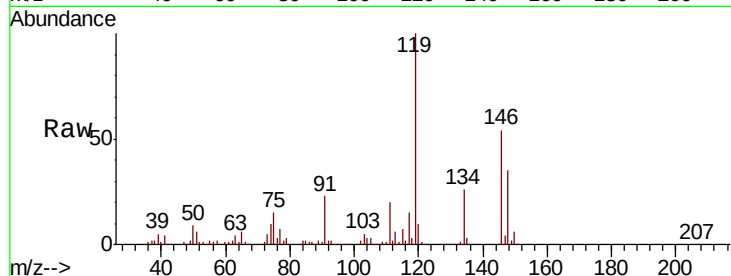




#87
 1,3-Dichlorobenzene
 Concen: 19.066 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN056756.D
 Acq: 16 Jul 2019 10:20

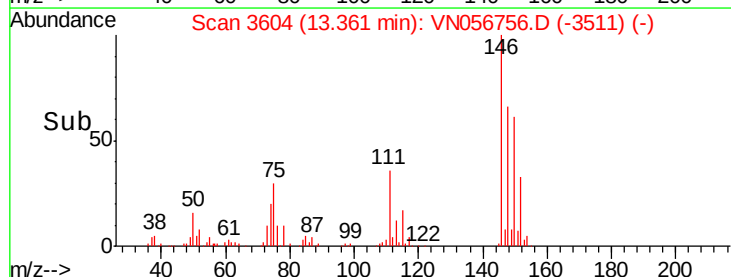
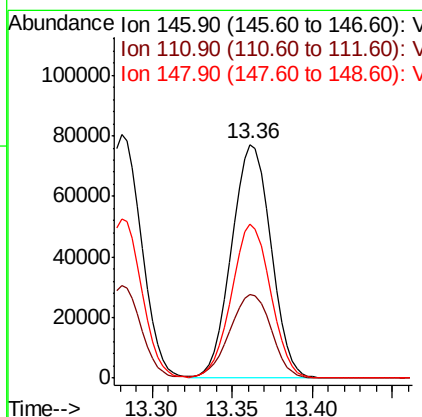
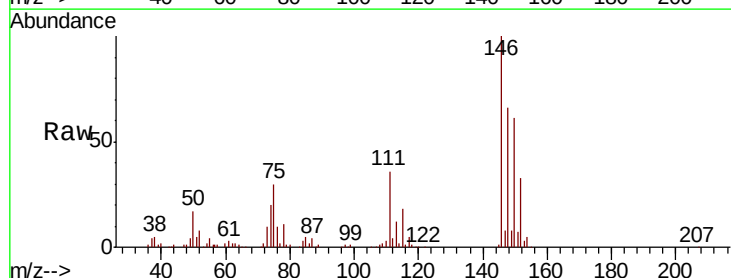
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBS01

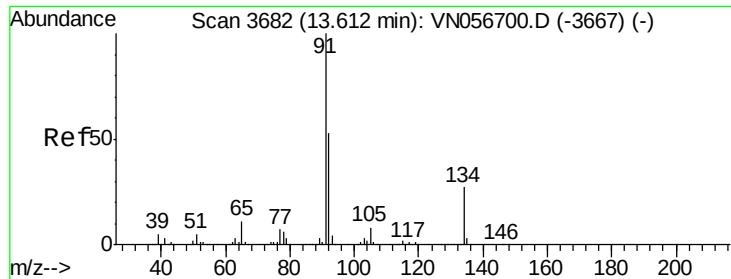
Tot Ion:146 Resp: 133830
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.8 56.3
 148 65.3 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 18.986 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN056756.D
 Acq: 16 Jul 2019 10:20

Tgt Ion:146 Resp: 129629
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.6 55.8
 148 65.3 31.9 95.7

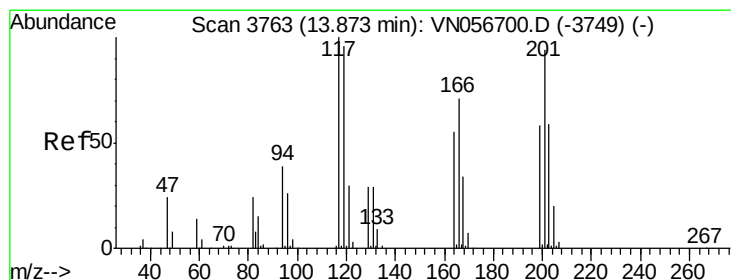
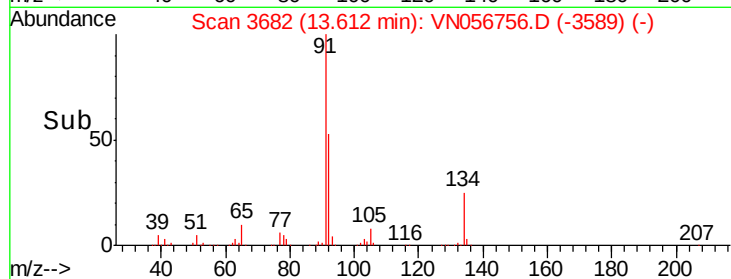
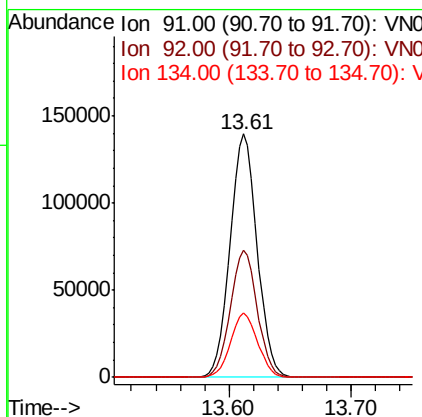
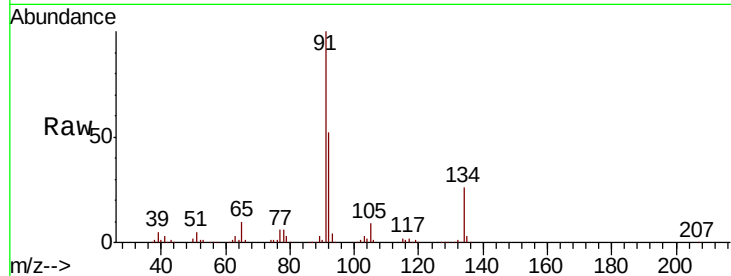




#89
n-Butylbenzene
Concen: 19.218 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN056756.D
Acq: 16 Jul 2019 10:20

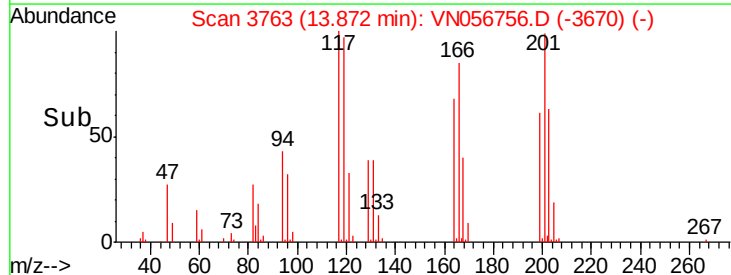
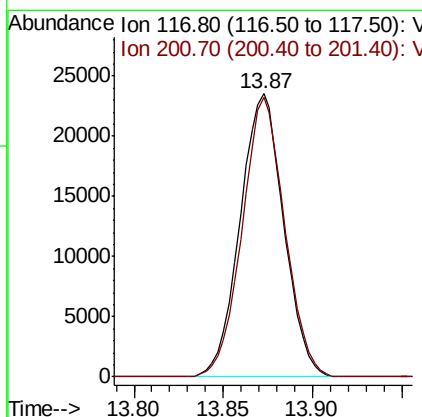
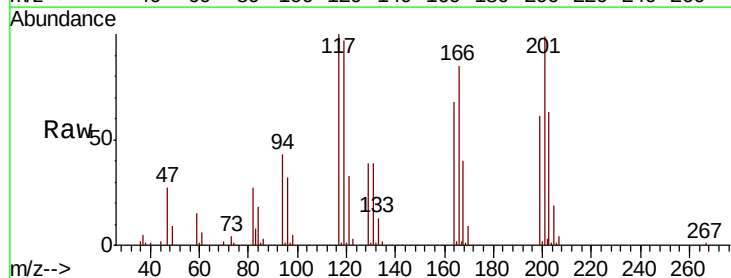
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBS01

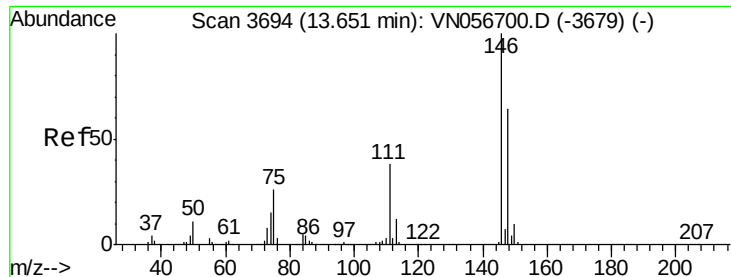
Tot Ion: 91 Resp: 216264
Ion Ratio Lower Upper
91 100
92 51.7 26.0 78.0
134 26.3 13.4 40.2



#90
Hexachloroethane
Concen: 17.799 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN056756.D
Acq: 16 Jul 2019 10:20

Tgt Ion: 117 Resp: 40212
Ion Ratio Lower Upper
117 100
201 96.3 46.5 139.5

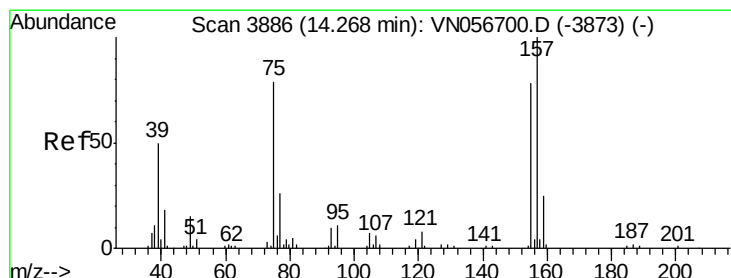
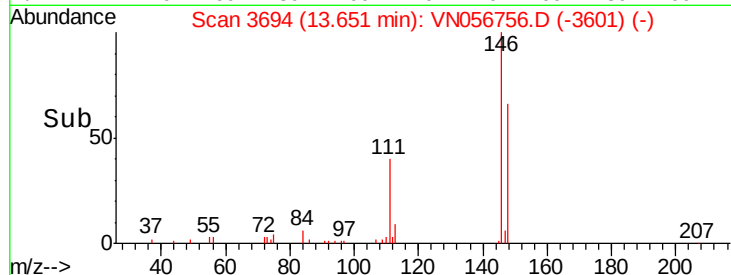
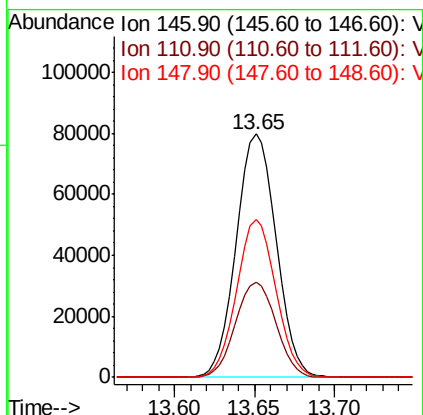
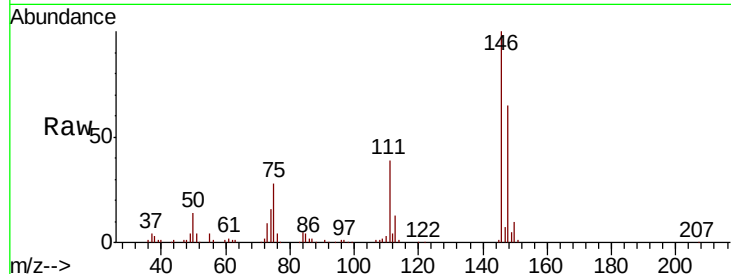




#91
 1,2-Dichlorobenzene
 Concen: 18.910 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN056756.D
 Acq: 16 Jul 2019 10:20

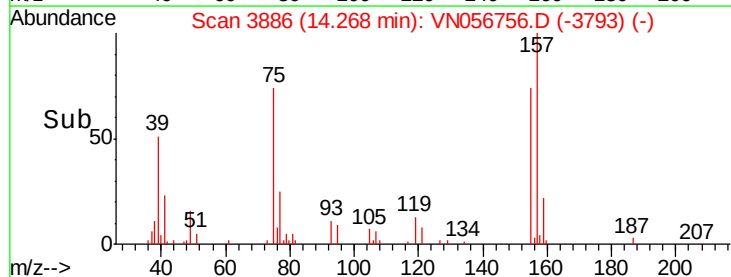
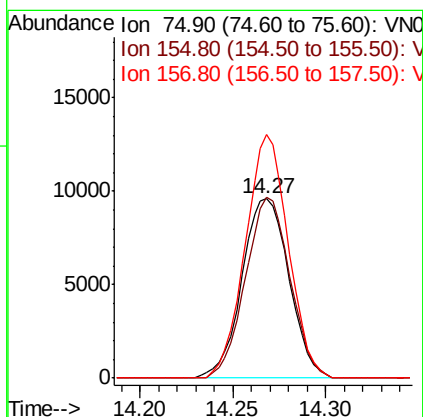
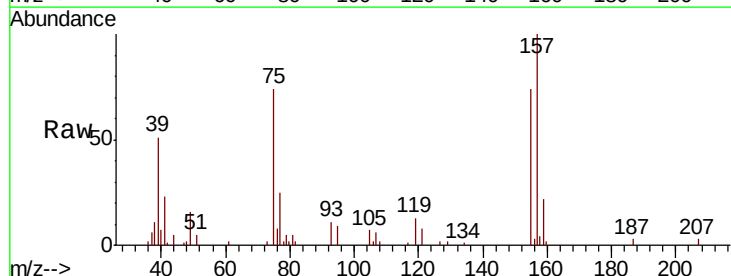
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBS01

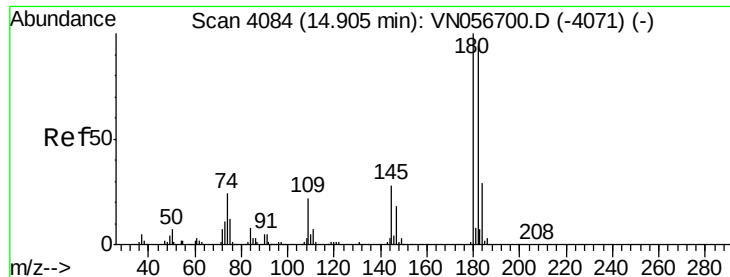
Tot Ion:146 Resp: 135751
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.1 57.1
 148 63.9 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.350 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN056756.D
 Acq: 16 Jul 2019 10:20

Tgt Ion: 75 Resp: 16991
 Ion Ratio Lower Upper
 75 100
 155 95.4 49.3 147.9
 157 123.6 62.4 187.1

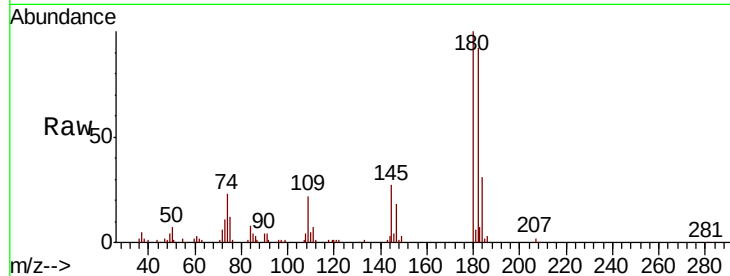




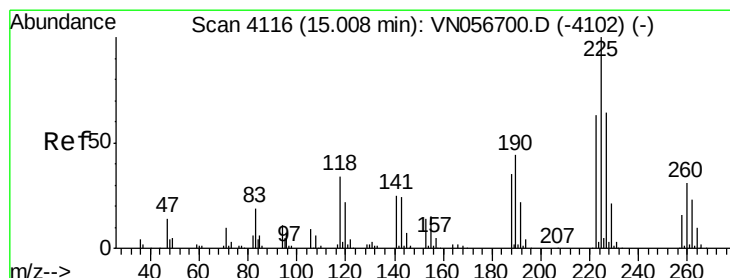
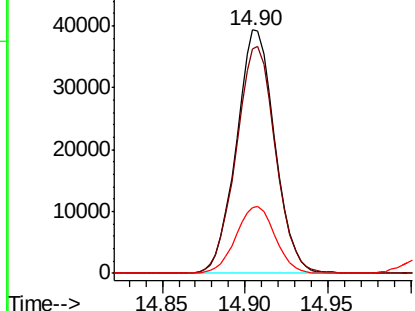
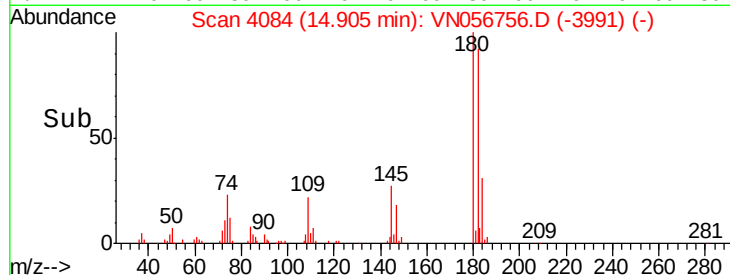
#93
 1,2,4-Trichlorobenzene
 Concen: 18.467 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN056756.D
 Acq: 16 Jul 2019 10:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBS01

Tot Ion:180 Resp: 63272
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.2 141.6
 145 28.0 14.2 42.8

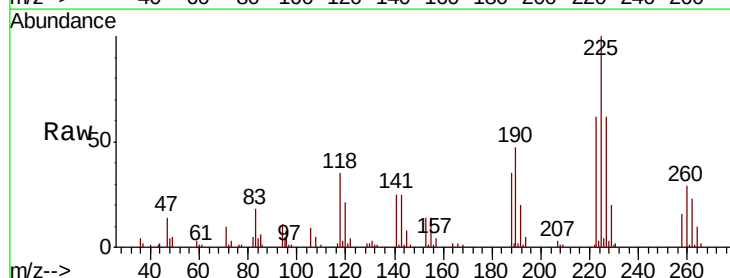


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

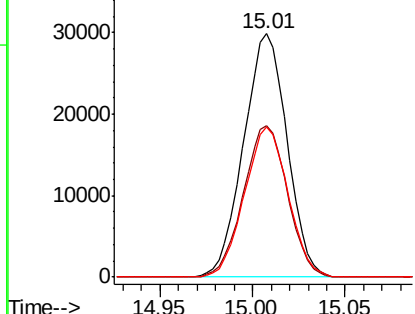
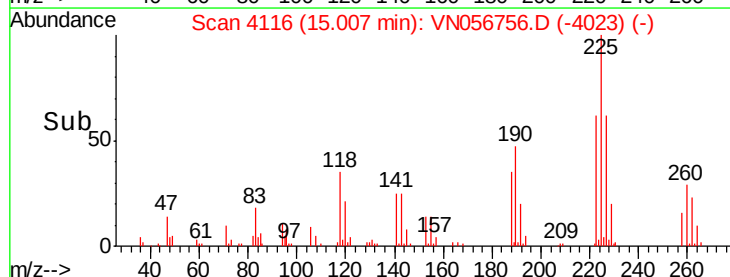


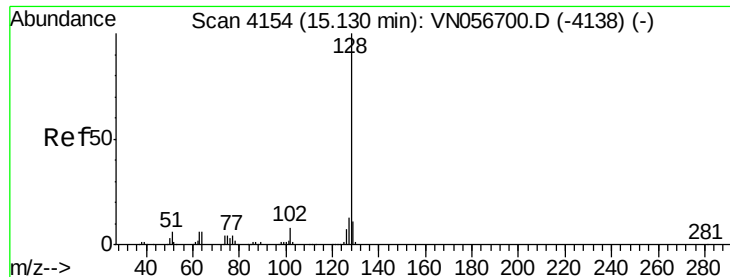
#94
 Hexachlorobutadiene
 Concen: 20.891 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056756.D
 Acq: 16 Jul 2019 10:20

Tgt Ion:225 Resp: 48815
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.5 94.5
 227 61.7 32.0 96.2



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: 17.411 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056756.D

Acq: 16 Jul 2019 10:20

Instrument :

MSVOA_N

ClientSampleId :

VN0716WBS01

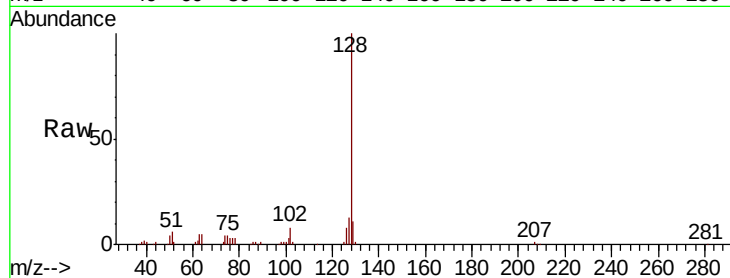
Tot Ion:128 Resp: 154163

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

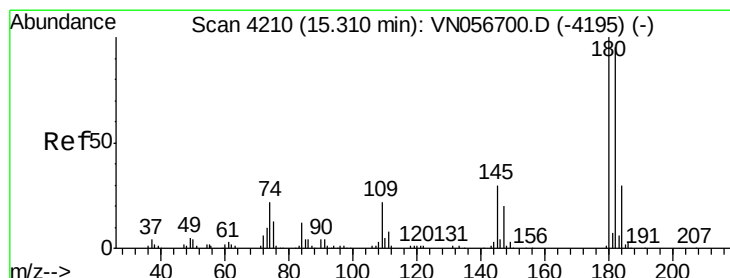
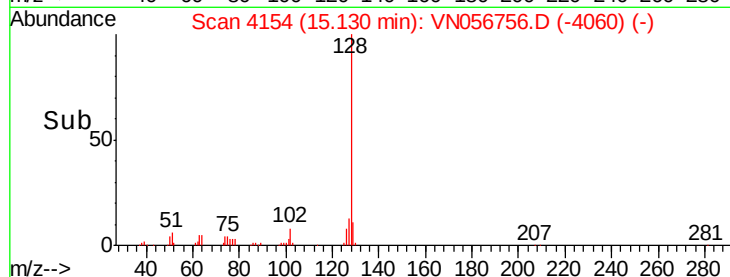
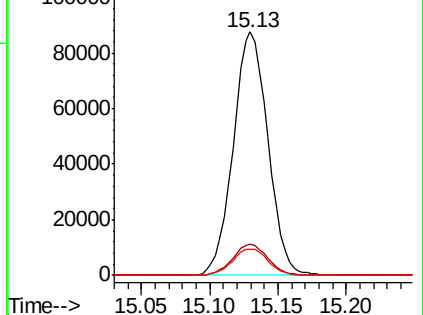
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.891 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056756.D

Acq: 16 Jul 2019 10:20

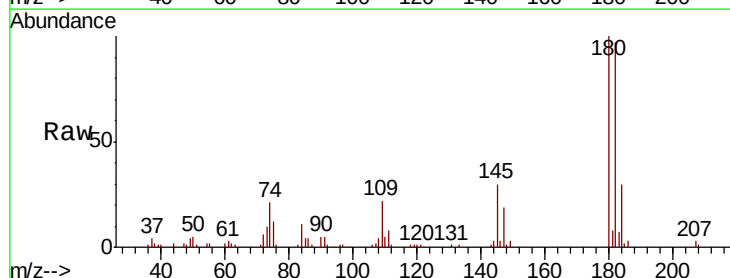
Tgt Ion:180 Resp: 65666

Ion Ratio Lower Upper

180 100

182 96.1 47.1 141.3

145 30.1 15.0 45.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

