

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073119\
 Data File : VN057002.D
 Acq On : 31 Jul 2019 10:25
 Operator : JC/SP
 Sample : VN0731WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

Quant Time: Aug 01 01:17:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	487995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	708617	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	617290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	234876	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	250374	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
35) Dibromofluoromethane	7.58	113	233445	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
50) Toluene-d8	10.08	98	884906	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.40	95	271461	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	105378	21.360	ug/l	97
3) Chloromethane	2.05	50	112906	19.112	ug/l	100
4) Vinyl Chloride	2.18	62	107689	19.441	ug/l	99
5) Bromomethane	2.55	94	67552	19.617	ug/l	99
6) Chloroethane	2.69	64	58247	19.075	ug/l	99
7) Trichlorofluoromethane	3.00	101	150022	20.690	ug/l	99
8) Diethyl Ether	3.40	74	53718	19.795	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	88686	19.728	ug/l	98
10) Methyl Iodide	3.94	142	114615	19.080	ug/l	98
11) Tert butyl alcohol	4.78	59	68480	101.421	ug/l	99
12) 1,1-Dichloroethene	3.73	96	85762	19.994	ug/l	96
13) Acrolein	3.60	56	20426	57.036	ug/l	92
14) Allyl chloride	4.31	41	132995	19.061	ug/l	98
15) Acrylonitrile	4.97	53	199371	100.688	ug/l	98
16) Acetone	3.81	43	173034	95.615	ug/l	99
17) Carbon Disulfide	4.04	76	207655	18.218	ug/l	99
18) Methyl Acetate	4.31	43	106643	18.472	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	256576	20.061	ug/l	97
20) Methylene Chloride	4.54	84	100956	19.367	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	91022	19.980	ug/l	99
22) Diisopropyl ether	5.94	45	285882	19.886	ug/l	98
23) Vinyl Acetate	5.88	43	955235	95.900	ug/l	99
24) 1,1-Dichloroethane	5.83	63	168887	19.911	ug/l	99
25) 2-Butanone	6.82	43	246769	96.163	ug/l	98
26) 2,2-Dichloropropane	6.81	77	122580	19.006	ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	107009	19.860	ug/l	98
28) Bromochloromethane	7.18	49	68351	17.144	ug/l	97
29) Tetrahydrofuran	7.20	42	165823	99.042	ug/l	99
30) Chloroform	7.36	83	172621	19.904	ug/l	97
31) Cyclohexane	7.64	56	152933	18.632	ug/l	94
32) 1,1,1-Trichloroethane	7.56	97	138880	20.070	ug/l	98
36) 1,1-Dichloropropene	7.78	75	121839	19.540	ug/l	100
37) Ethyl Acetate	6.92	43	96262	19.276	ug/l #	93
38) Carbon Tetrachloride	7.76	117	119357	20.237	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073119\
 Data File : VN057002.D
 Acq On : 31 Jul 2019 10:25
 Operator : JC/SP
 Sample : VN0731WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

Quant Time: Aug 01 01:17:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	151227	18.976	ug/l	100
40) Benzene	8.03	78	388567	20.233	ug/l	99
41) Methacrylonitrile	7.20	41	143774	62.276	ug/l #	12
42) 1,2-Dichloroethane	8.11	62	122792	20.401	ug/l	99
43) Isopropyl Acetate	8.16	43	158626	19.218	ug/l	93
44) Trichloroethene	8.82	130	107387	20.296	ug/l	96
45) 1,2-Dichloropropane	9.11	63	102569	19.967	ug/l	100
46) Dibromomethane	9.20	93	65300	21.079	ug/l	98
47) Bromodichloromethane	9.39	83	122051	20.038	ug/l	97
48) Methyl methacrylate	9.19	41	76593	19.220	ug/l	97
49) 1,4-Dioxane	9.19	88	33348	406.069	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	490882	100.092	ug/l	99
52) Toluene	10.15	92	237266	20.563	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	121629	19.243	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	142296	19.363	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	93217	20.145	ug/l	99
56) Ethyl methacrylate	10.42	69	122512	18.675	ug/l	99
57) 1,3-Dichloropropane	10.70	76	152758	19.908	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	201691	72.735	ug/l	99
59) 2-Hexanone	10.74	43	339939	91.607	ug/l	99
60) Dibromochloromethane	10.90	129	95637	20.173	ug/l	97
61) 1,2-Dibromoethane	11.00	107	93038	20.603	ug/l	99
64) Tetrachloroethene	10.63	164	111228	20.910	ug/l	97
65) Chlorobenzene	11.43	112	254536	20.231	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.50	131	93561	19.758	ug/l	99
67) Ethyl Benzene	11.51	91	434879	20.000	ug/l	99
68) m/p-Xylenes	11.62	106	326211	40.650	ug/l	99
69) o-Xylene	11.94	106	161495	20.570	ug/l	97
70) Styrene	11.96	104	254530	19.524	ug/l	100
71) Bromoform	12.12	173	65695	19.871	ug/l #	100
73) Isopropylbenzene	12.24	105	428508	21.110	ug/l	100
74) N-amyl acetate	12.07	43	116451	19.757	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	118783	21.706	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	136717	28.662	ug/l #	100
77) Bromobenzene	12.52	156	108723	20.522	ug/l	99
78) n-propylbenzene	12.59	91	444055	20.488	ug/l	100
79) 2-Chlorotoluene	12.67	91	274542	20.571	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	358769	21.535	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	28544	19.227	ug/l	92
82) 4-Chlorotoluene	12.77	91	255904	20.490	ug/l	100
83) tert-Butylbenzene	12.99	119	313148	21.233	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	346454	21.612	ug/l	100
85) sec-Butylbenzene	13.17	105	394683	20.747	ug/l	100
86) p-Isopropyltoluene	13.29	119	353557	20.934	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	162384	20.150	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	152762	19.691	ug/l	99
89) n-Butylbenzene	13.61	91	257951	19.817	ug/l	100
90) Hexachloroethane	13.87	117	58030	19.954	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	166138	20.947	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15997	19.814	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073119\
Data File : VN057002.D
Acq On : 31 Jul 2019 10:25
Operator : JC/SP
Sample : VN0731WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

Quant Time: Aug 01 01:17:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration

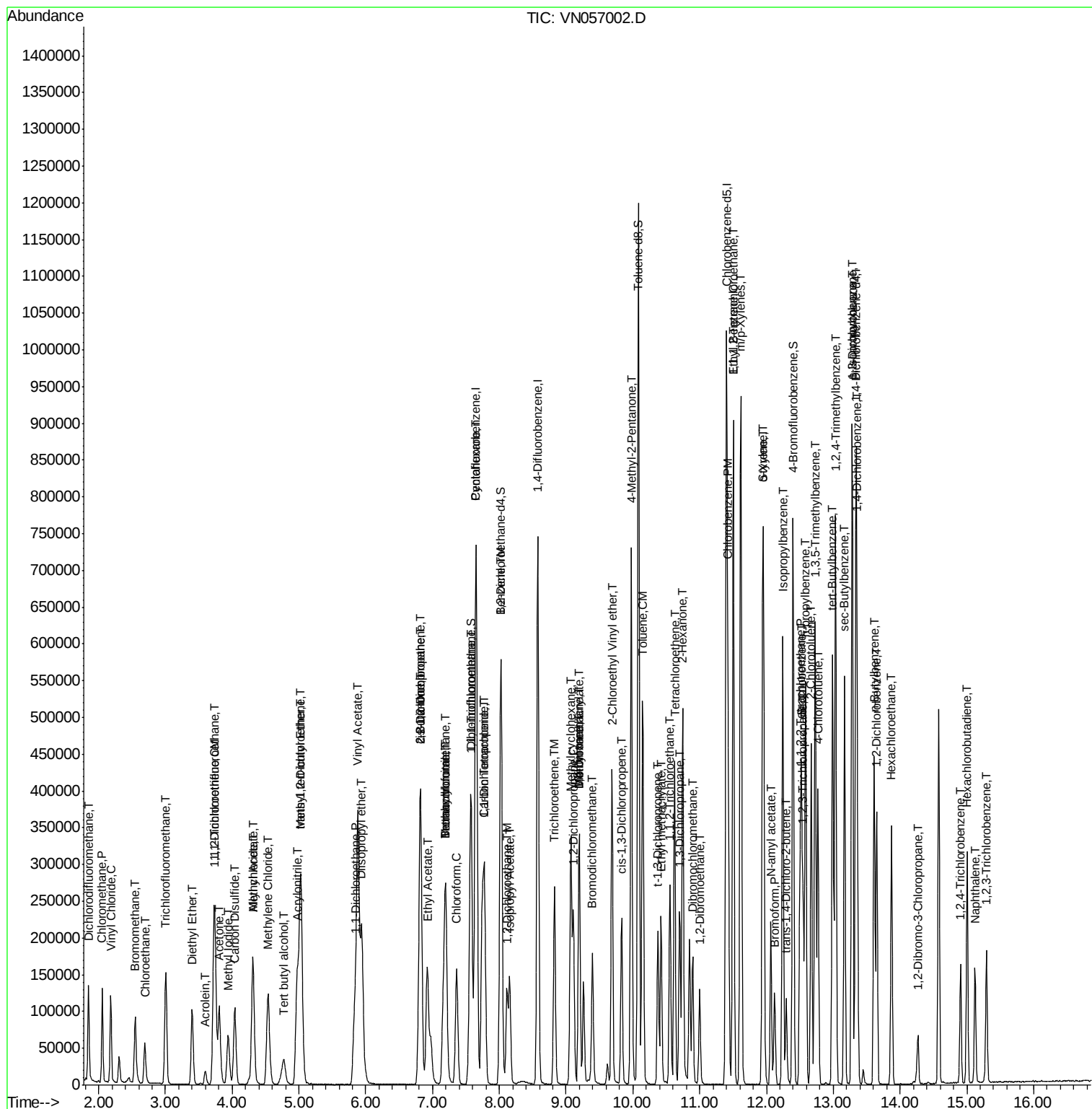
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	57087	15.907	ug/l	100
94) Hexachlorobutadiene	15.01	225	69104	23.160	ug/l	99
95) Naphthalene	15.12	128	137041	16.335	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	67104	17.614	ug/l	98

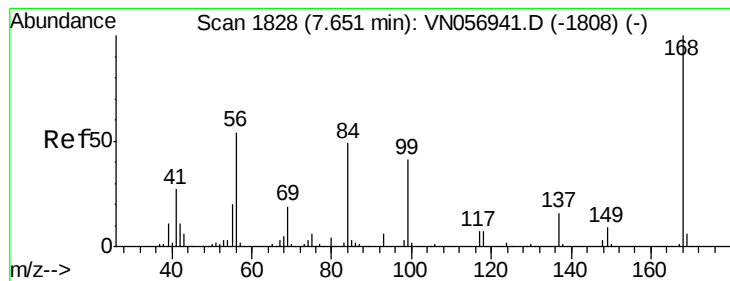
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073119\
Data File : VN057002.D
Acq On : 31 Jul 2019 10:25
Operator : JC/SP
Sample : VN0731WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

Quant Time: Aug 01 01:17:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

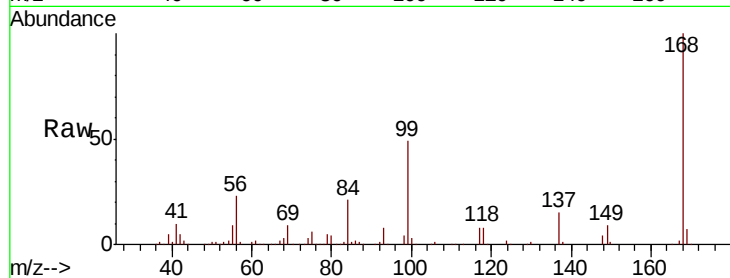
VN0731WBS01

Tot Ion:168 Resp: 487995

Ion Ratio Lower Upper

168 100

99 48.8 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

200000

150000

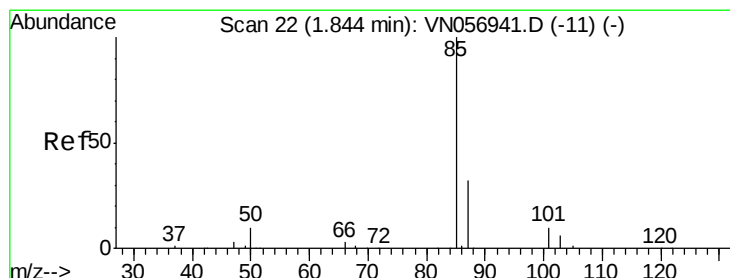
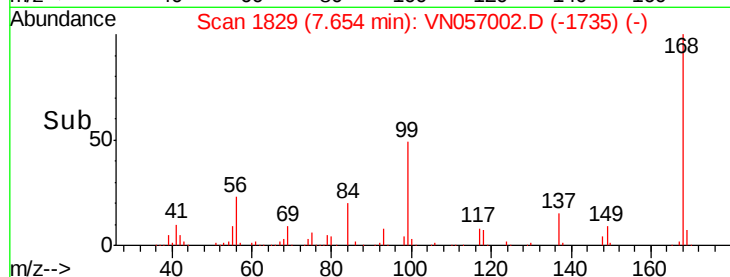
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.360 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN057002.D

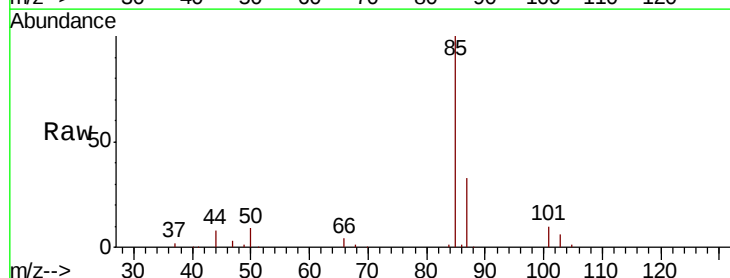
Acq: 31 Jul 2019 10:25

Tgt Ion: 85 Resp: 105378

Ion Ratio Lower Upper

85 100

87 33.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

80000

60000

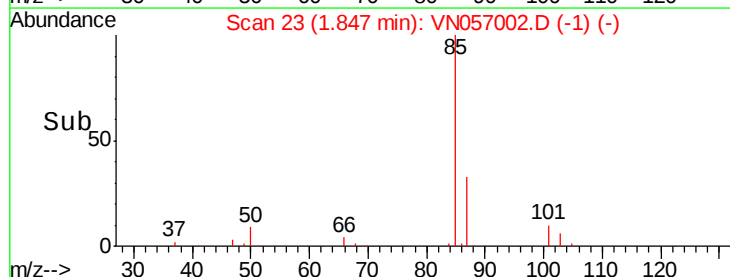
40000

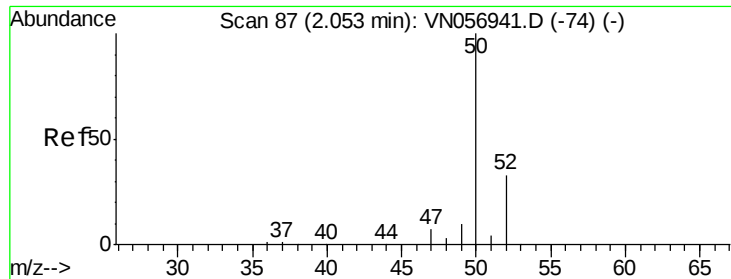
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 19.112 ug/l

RT: 2.05 min Scan# 87

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

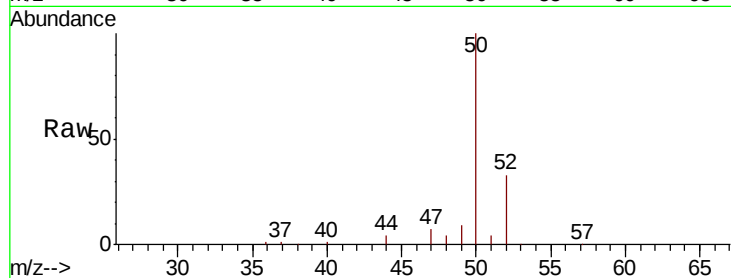
VN0731WBS01

Tot Ion: 50 Resp: 112906

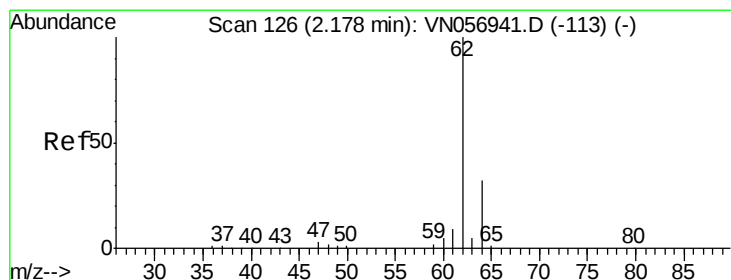
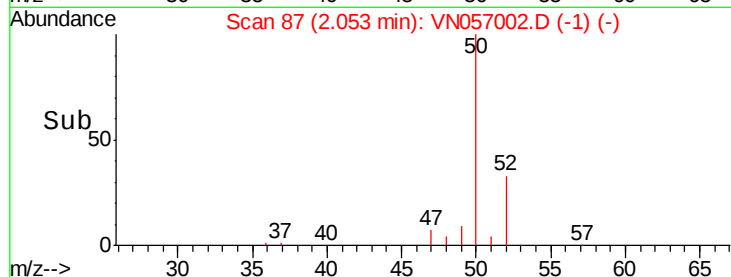
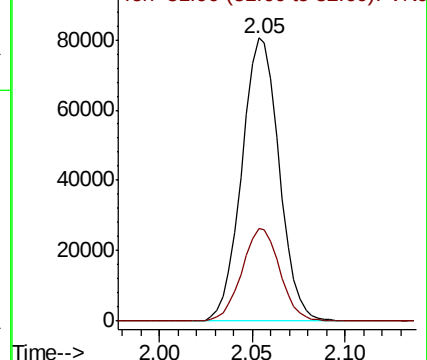
Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 19.441 ug/l

RT: 2.18 min Scan# 126

Delta R.T. 0.00 min

Lab File: VN057002.D

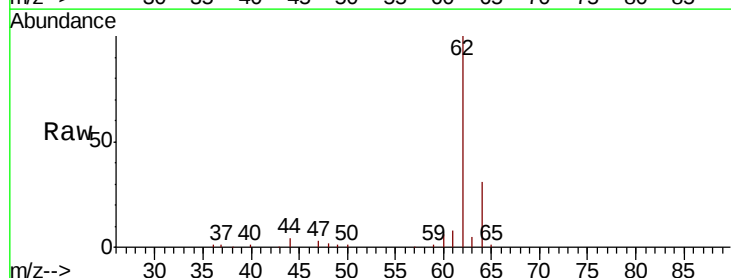
Acq: 31 Jul 2019 10:25

Tgt Ion: 62 Resp: 107689

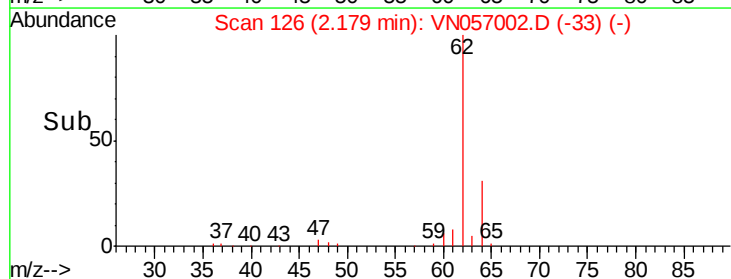
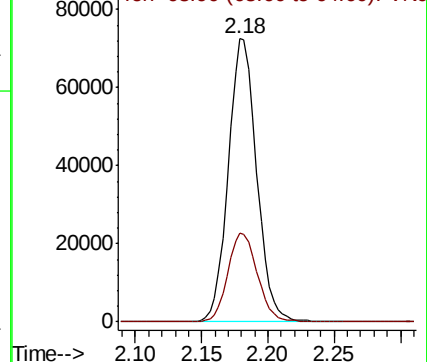
Ion Ratio Lower Upper

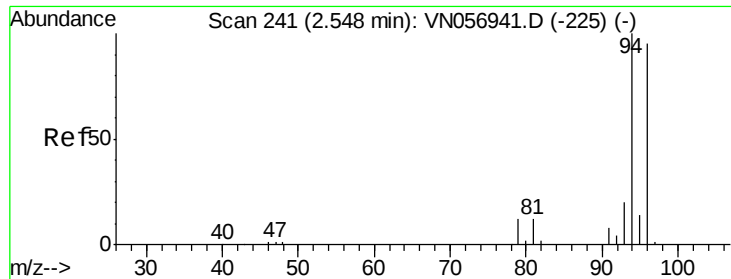
62 100

64 31.3 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 19.617 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

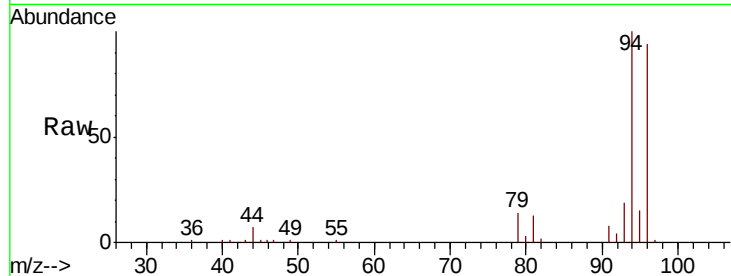
VN0731WBS01

Tot Ion: 94 Resp: 67552

Ion Ratio Lower Upper

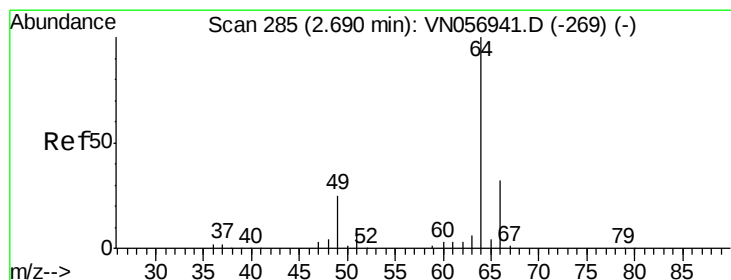
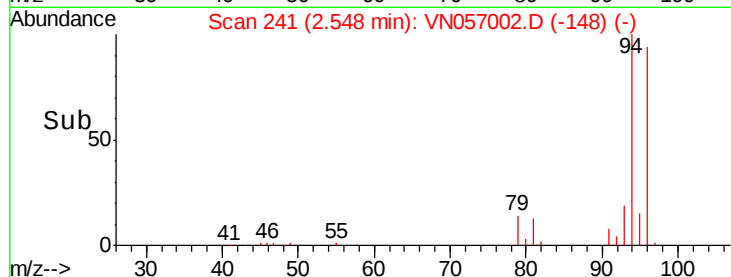
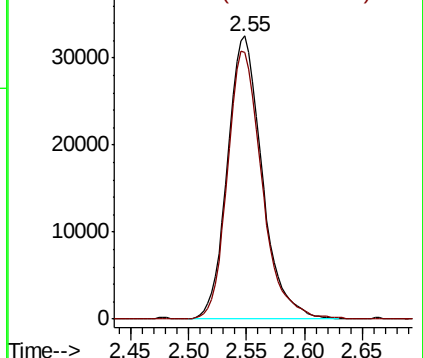
94 100

96 94.2 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.075 ug/l

RT: 2.69 min Scan# 286

Delta R.T. 0.00 min

Lab File: VN057002.D

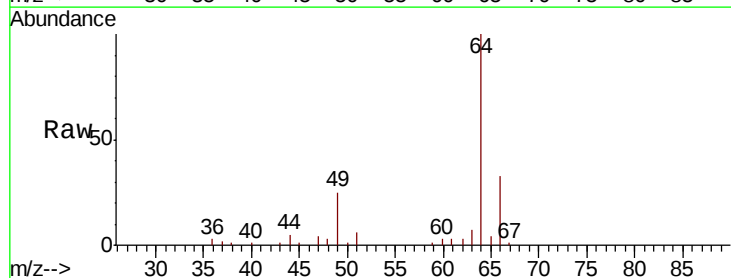
Acq: 31 Jul 2019 10:25

Tgt Ion: 64 Resp: 58247

Ion Ratio Lower Upper

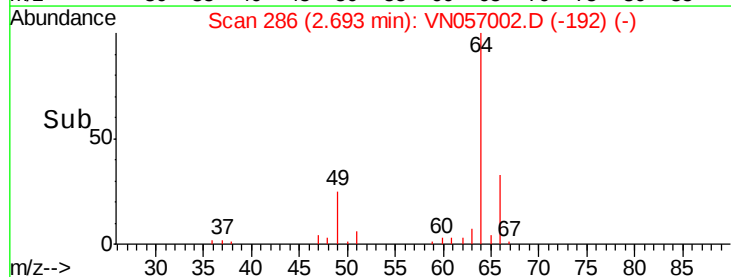
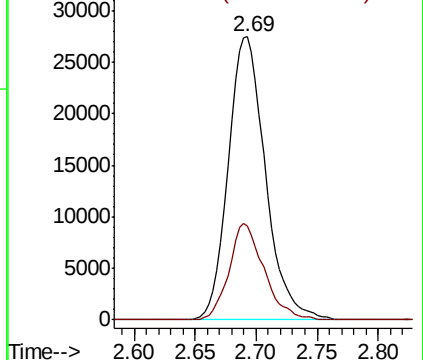
64 100

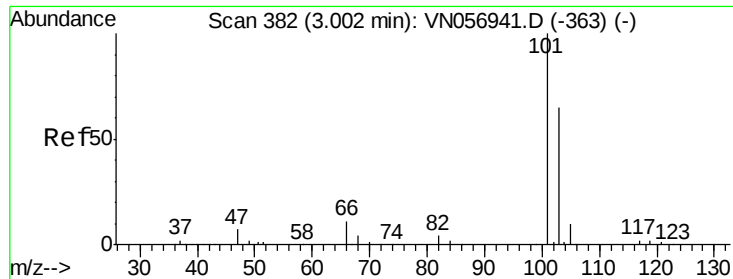
66 33.0 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



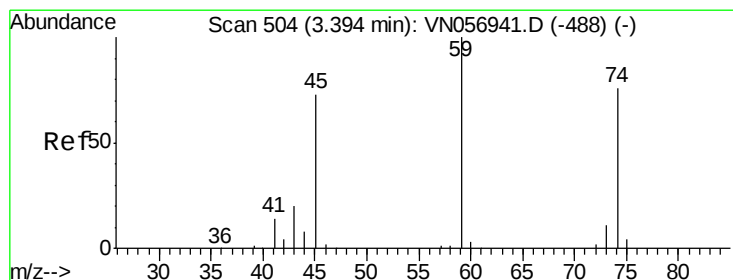
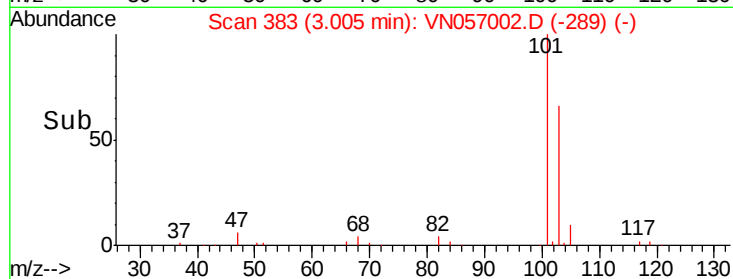
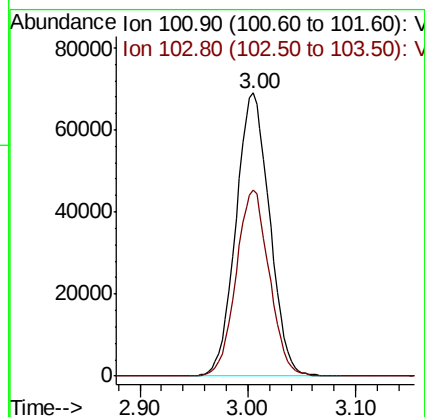
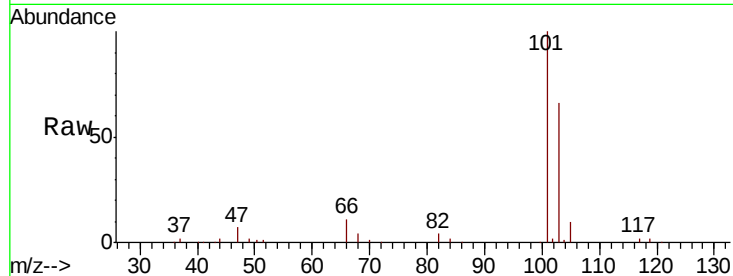


#7

Trichlorofluoromethane
Concen: 20.690 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

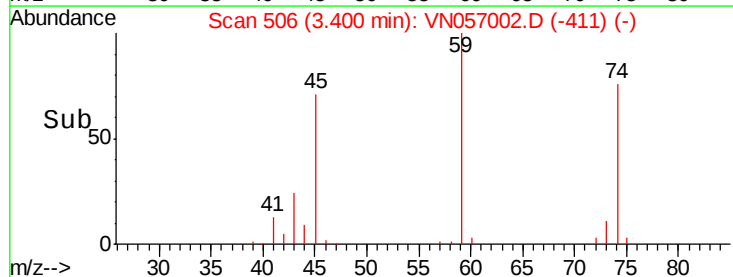
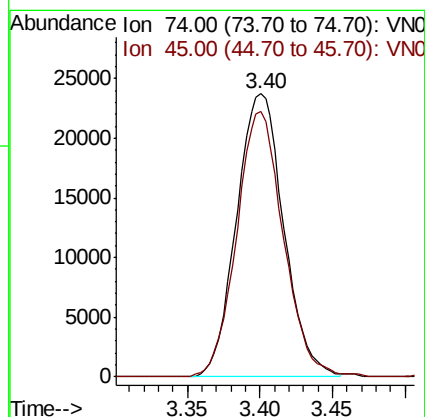
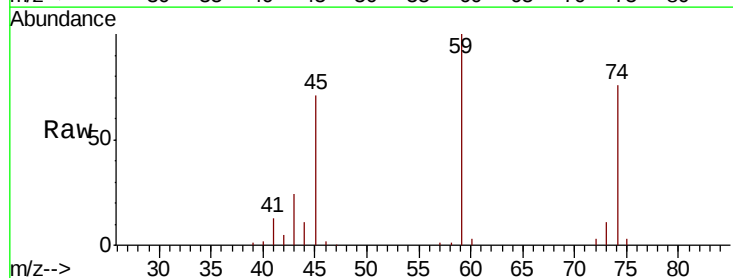
Tot Ion:101 Resp: 150022
Ion Ratio Lower Upper
101 100
103 65.9 52.1 78.1

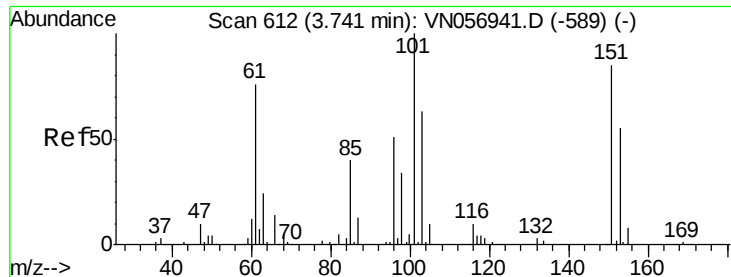


#8

Diethyl Ether
Concen: 19.795 ug/l
RT: 3.40 min Scan# 506
Delta R.T. 0.01 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Tgt Ion: 74 Resp: 53718
Ion Ratio Lower Upper
74 100
45 92.9 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.728 ug/l

RT: 3.75 min Scan# 614

Delta R.T. 0.01 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS01

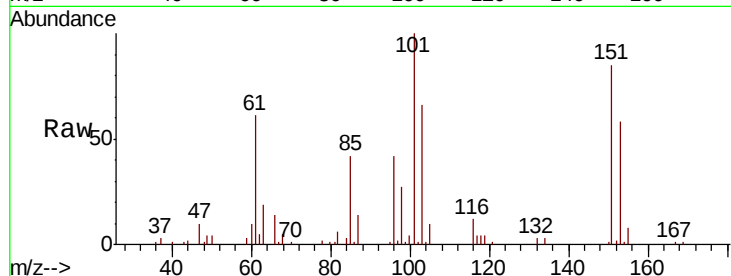
Tot Ion:101 Resp: 88686

Ion Ratio Lower Upper

101 100

85 41.1 32.3 48.5

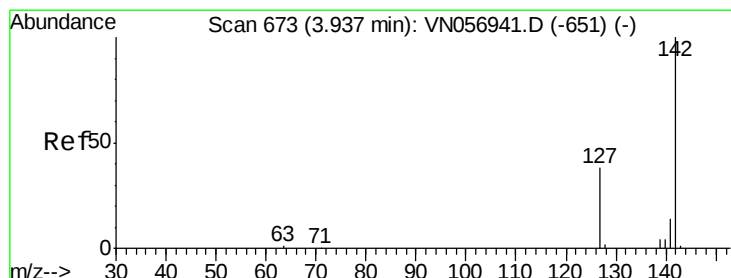
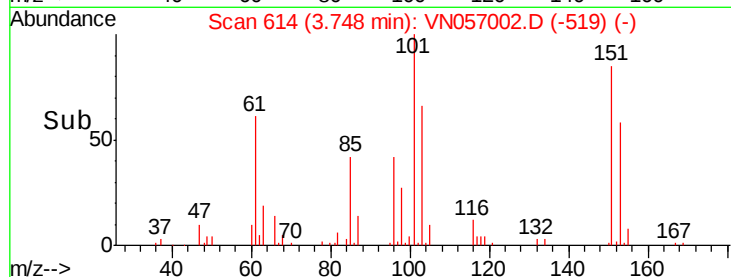
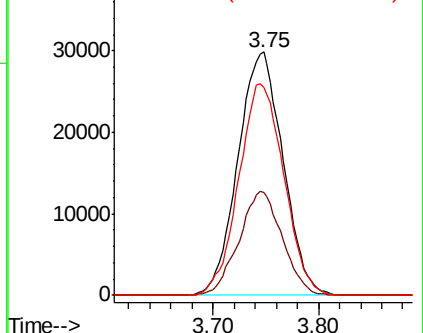
151 87.0 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.080 ug/l

RT: 3.94 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

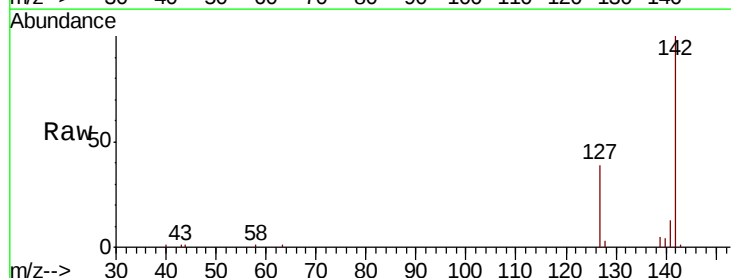
Tgt Ion:142 Resp: 114615

Ion Ratio Lower Upper

142 100

127 39.2 30.4 45.6

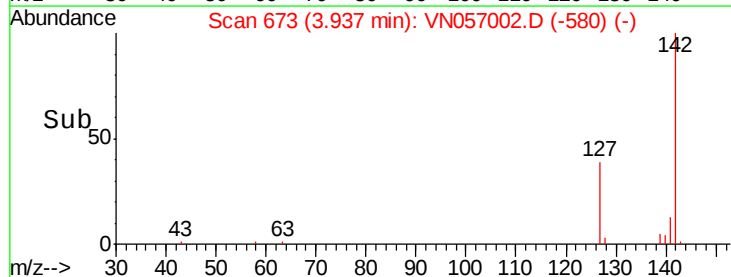
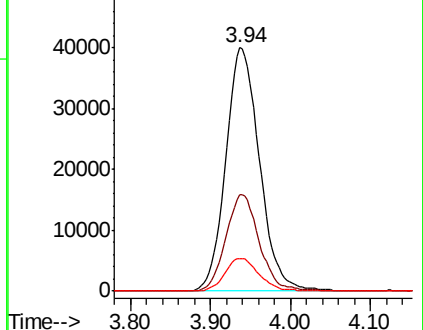
141 13.5 11.1 16.7

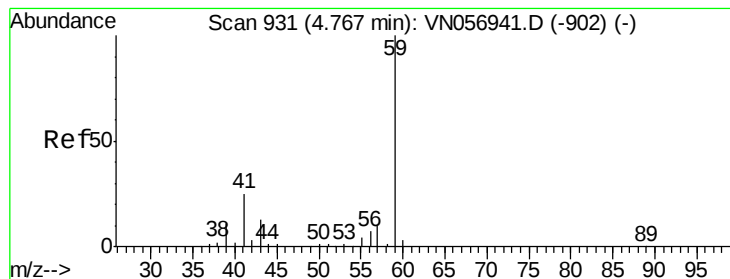


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



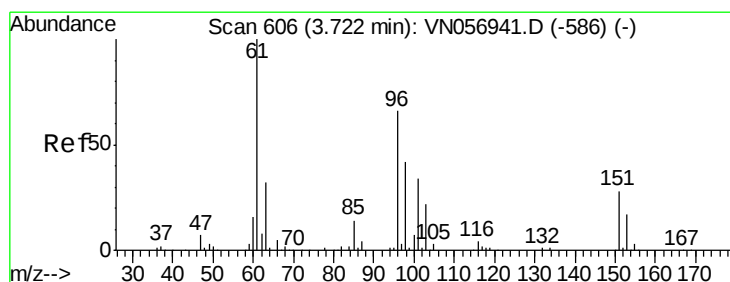
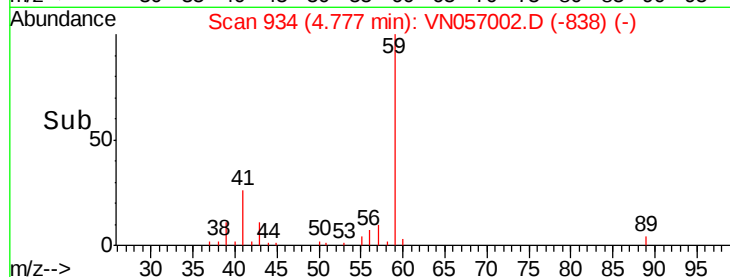
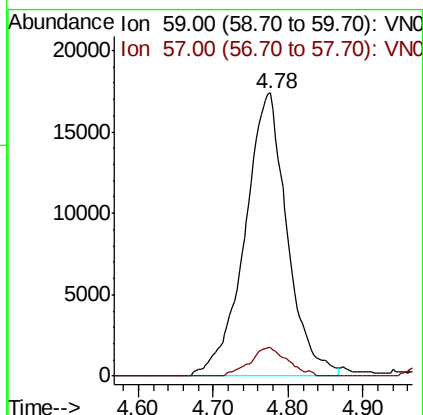
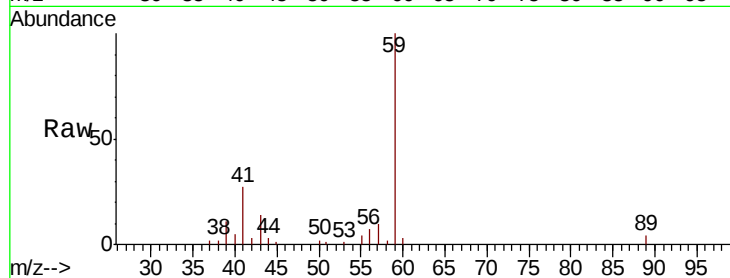


#11

Tert butyl alcohol
 Concen: 101.421 ug/l
 RT: 4.78 min Scan# 934
 Delta R.T. 0.01 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

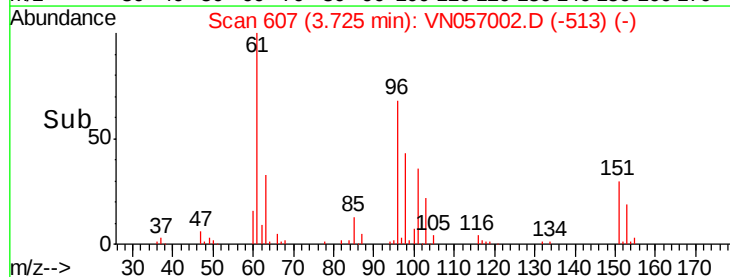
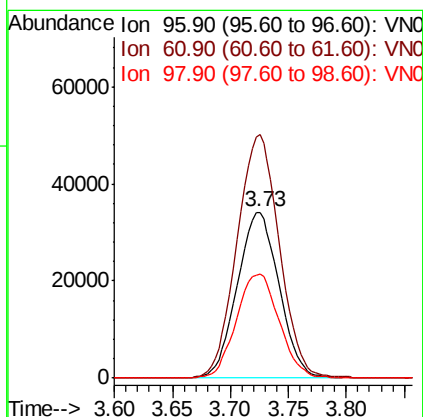
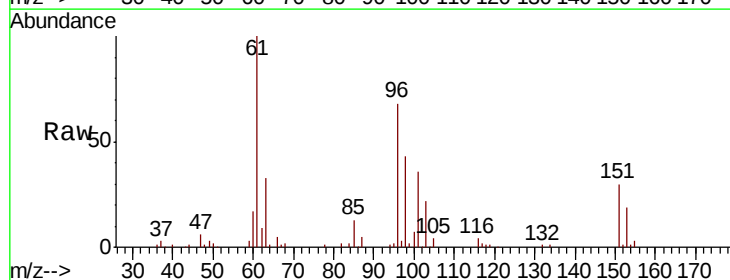
Tot Ion: 59 Resp: 68480
 Ion Ratio Lower Upper
 59 100
 57 9.0 7.5 11.3

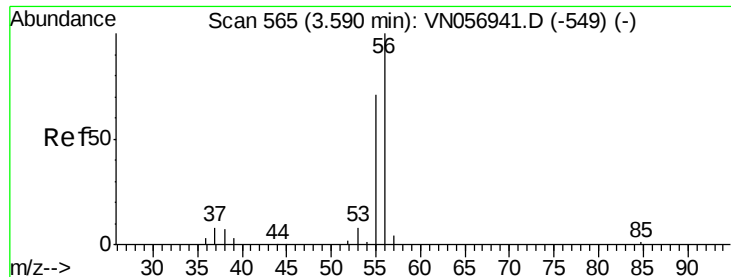


#12

1,1-Dichloroethene
 Concen: 19.994 ug/l
 RT: 3.73 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Tgt Ion: 96 Resp: 85762
 Ion Ratio Lower Upper
 96 100
 61 146.9 121.8 182.8
 98 62.5 51.7 77.5

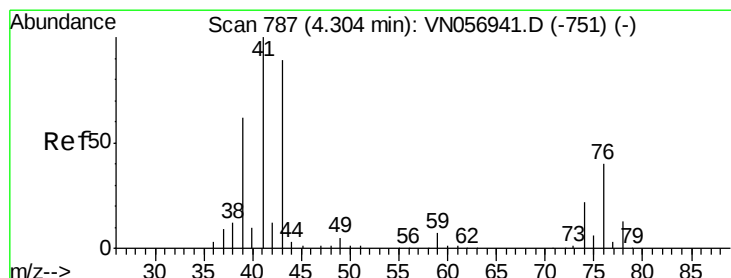
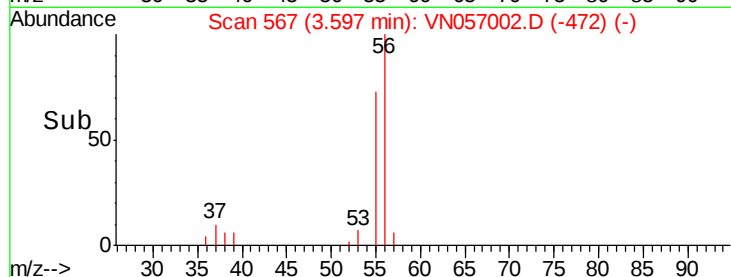
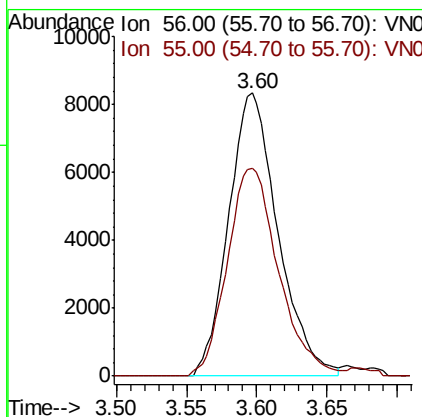
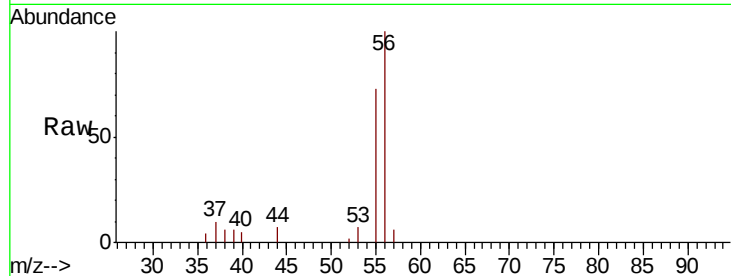




#13
Acrolein
Concen: 57.036 ug/l
RT: 3.60 min Scan# 567
Delta R.T. 0.01 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

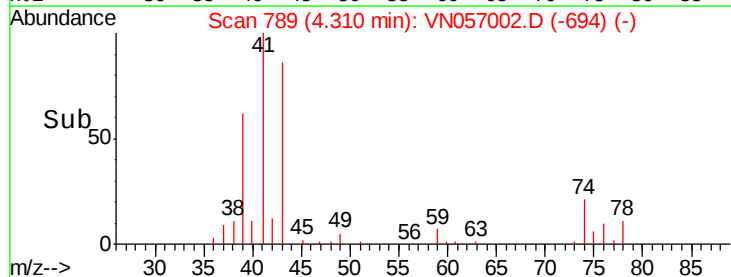
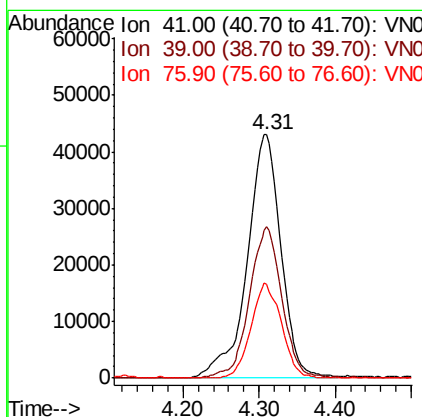
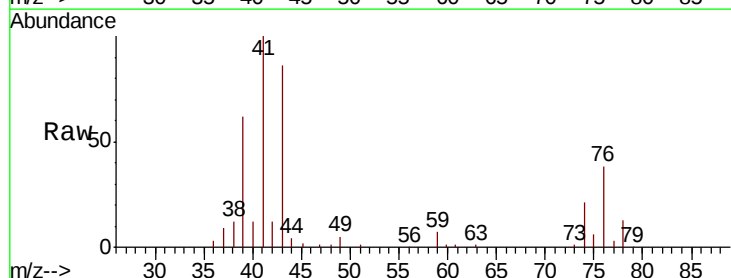
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

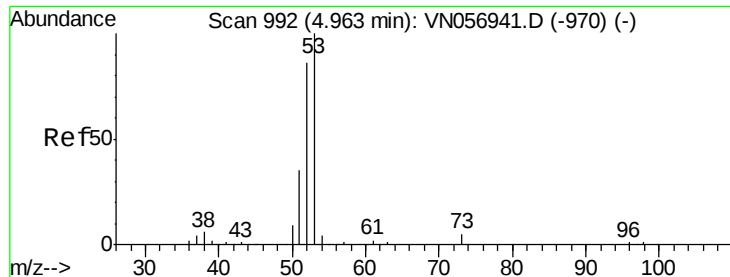
Tot Ion: 56 Resp: 20426
Ion Ratio Lower Upper
56 100
55 76.1 55.8 83.6



#14
Allyl chloride
Concen: 19.061 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Tgt Ion: 41 Resp: 132995
Ion Ratio Lower Upper
41 100
39 59.4 46.4 69.6
76 35.0 28.4 42.6





#15

Acrylonitrile

Concen: 100.688 ug/l

RT: 4.97 min Scan# 994

Delta R.T. 0.01 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS01

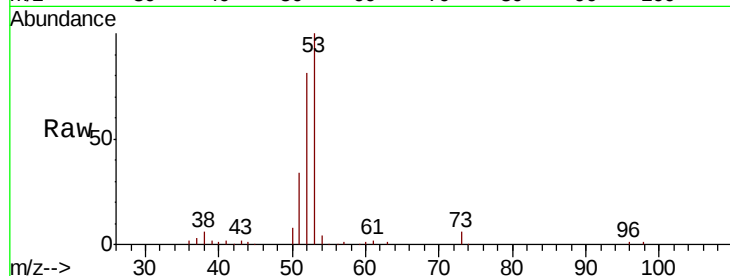
Tot Ion: 53 Resp: 199371

Ion Ratio Lower Upper

53 100

52 81.1 66.5 99.7

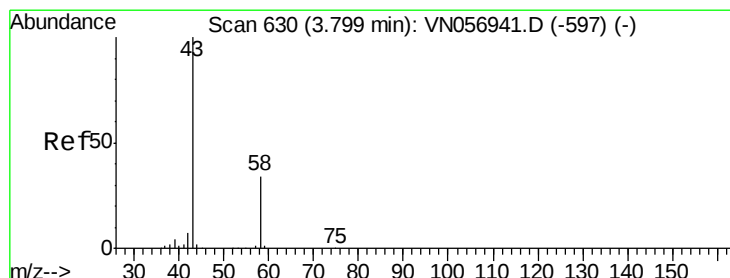
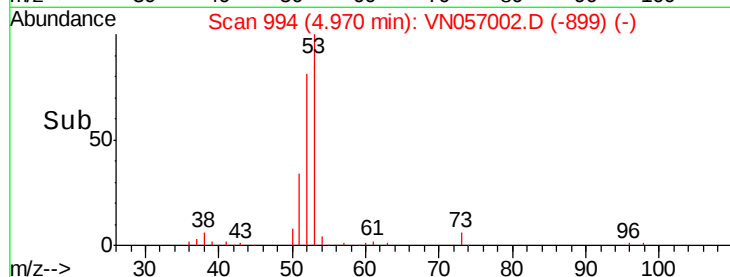
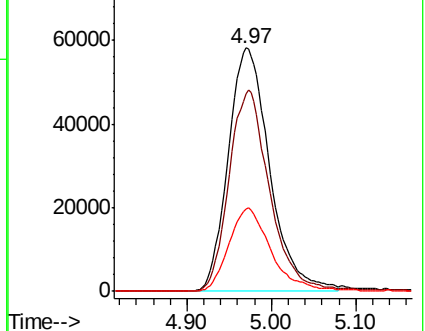
51 34.7 28.4 42.6



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: 95.615 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN057002.D

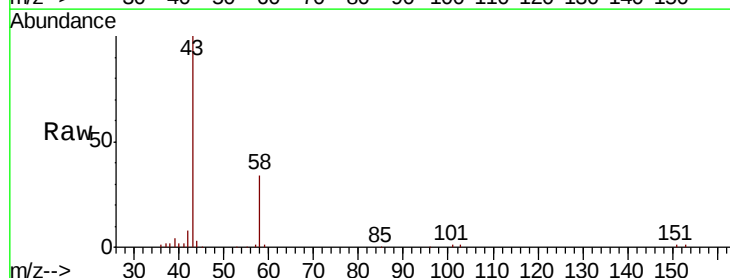
Acq: 31 Jul 2019 10:25

Tgt Ion: 43 Resp: 173034

Ion Ratio Lower Upper

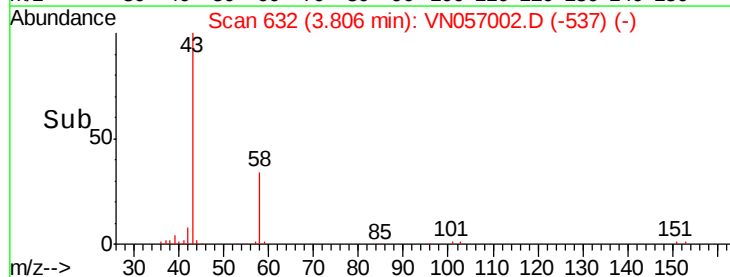
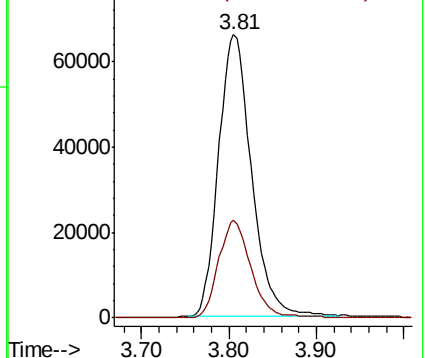
43 100

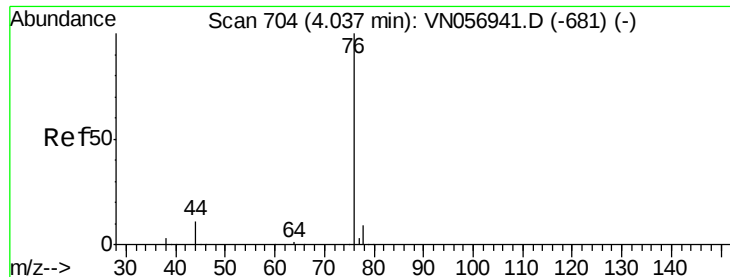
58 34.6 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

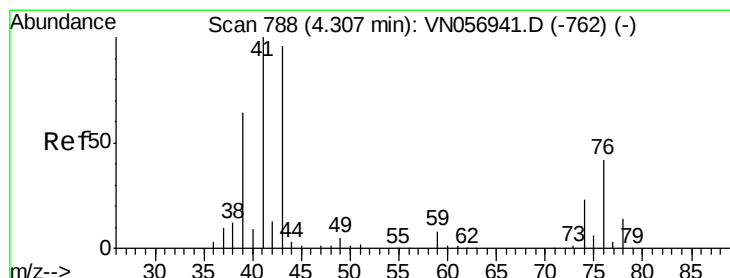
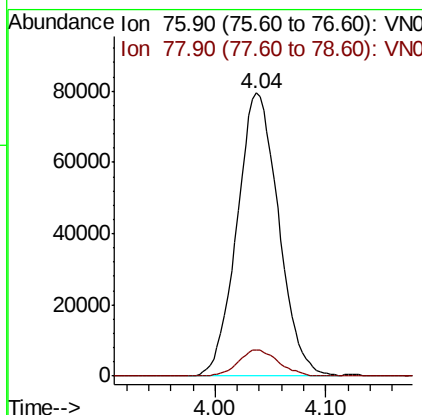
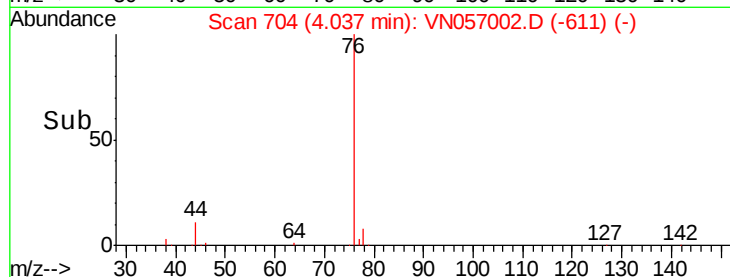
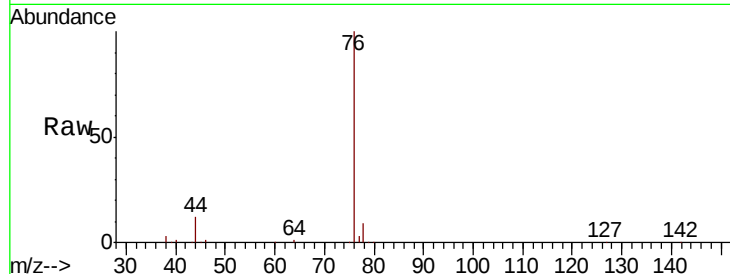




#17
Carbon Disulfide
Concen: 18.218 ug/l
RT: 4.04 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

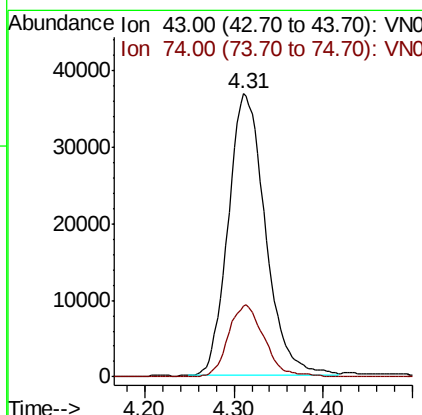
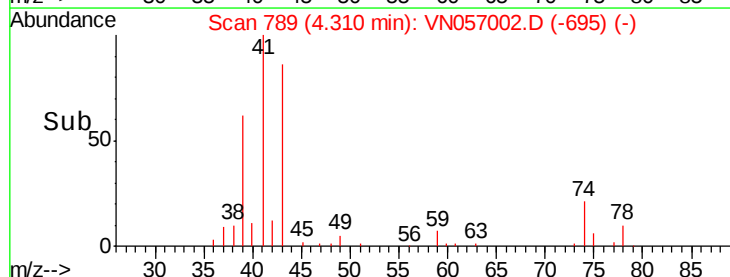
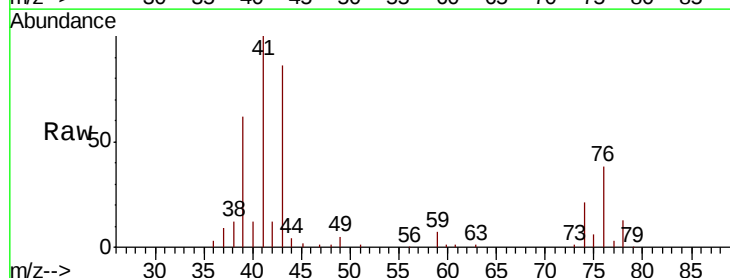
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

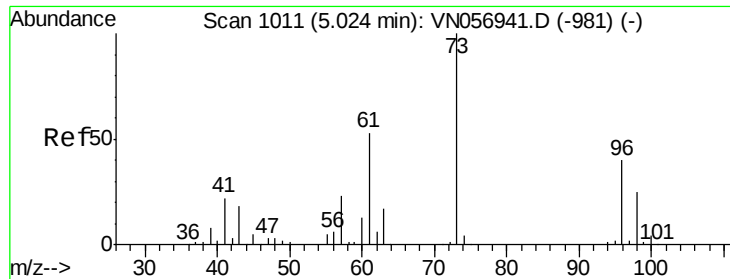
Tot Ion: 76 Resp: 207655
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 18.472 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Tgt Ion: 43 Resp: 106643
Ion Ratio Lower Upper
43 100
74 24.7 19.7 29.5

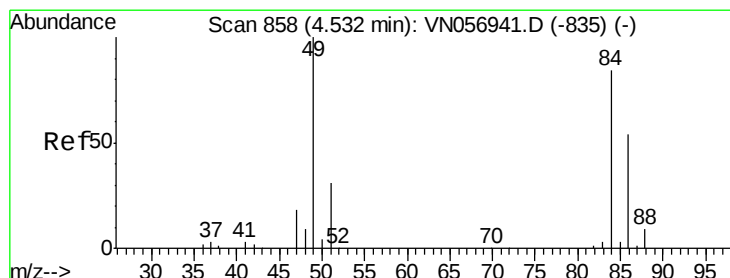
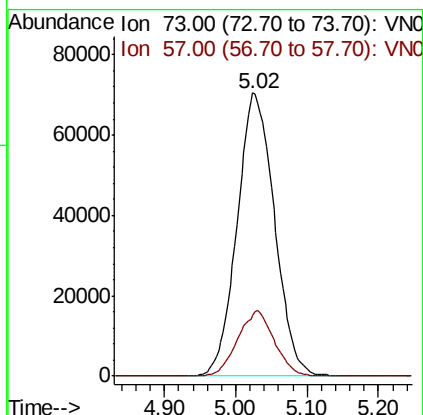
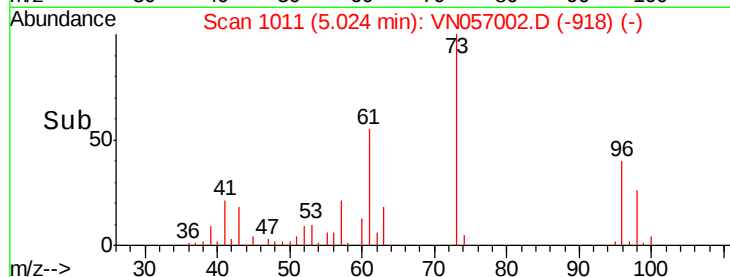
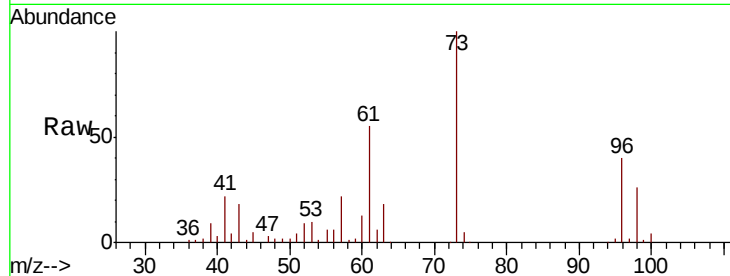




#19
Methyl tert-butyl Ether
Concen: 20.061 ug/l
RT: 5.02 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

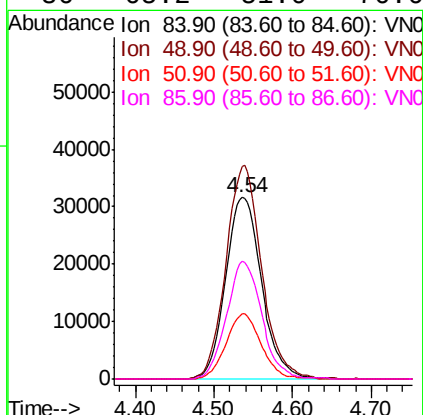
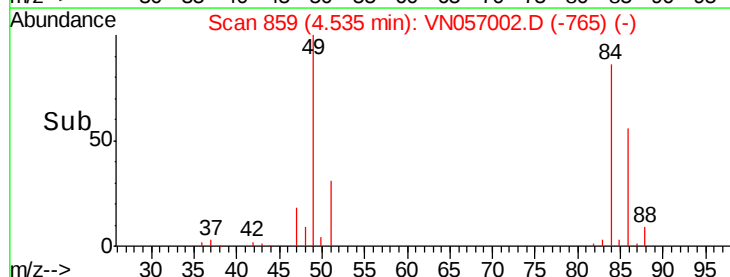
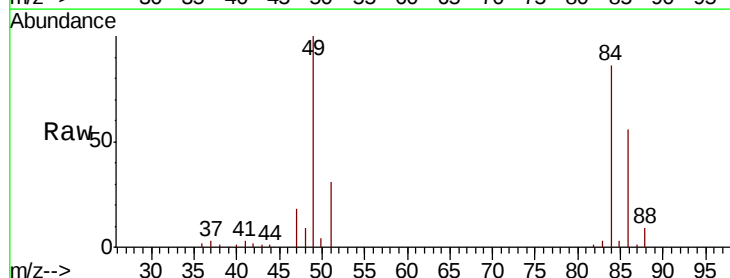
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

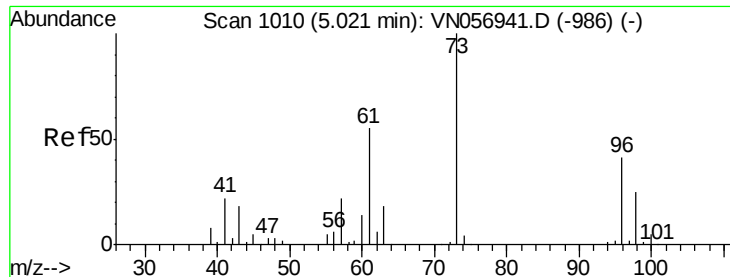
Tot Ion: 73 Resp: 256576
Ion Ratio Lower Upper
73 100
57 21.6 18.3 27.5



#20
Methylene Chloride
Concen: 19.367 ug/l
RT: 4.54 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Tgt Ion: 84 Resp: 100956
Ion Ratio Lower Upper
84 100
49 116.9 95.2 142.8
51 36.1 29.7 44.5
86 65.2 51.0 76.6

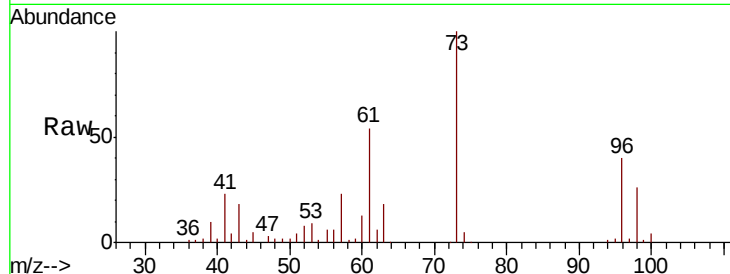




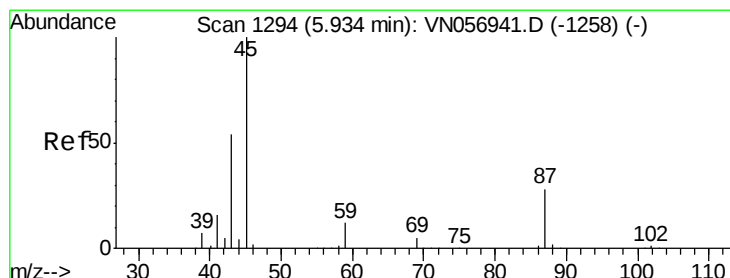
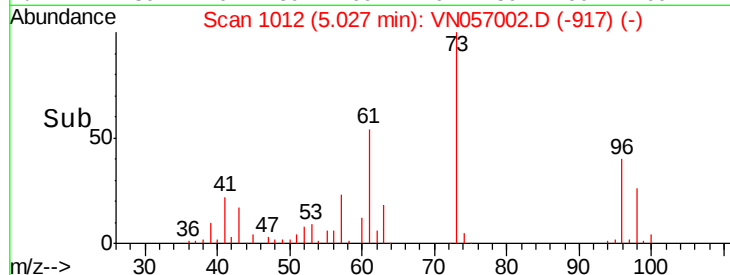
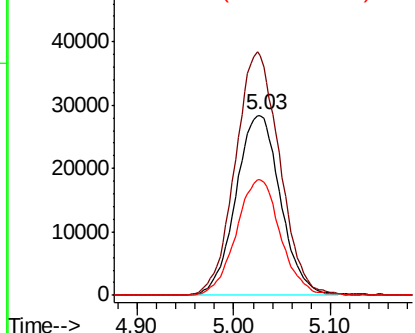
#21
trans-1,2-Dichloroethene
Concen: 19.980 ug/l
RT: 5.03 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Instrument :
MSVOA_N
ClientSampled :
VN0731WBS01

Tot Ion: 96 Resp: 91022
Ion Ratio Lower Upper
96 100
61 133.7 107.5 161.3
98 64.4 49.9 74.9

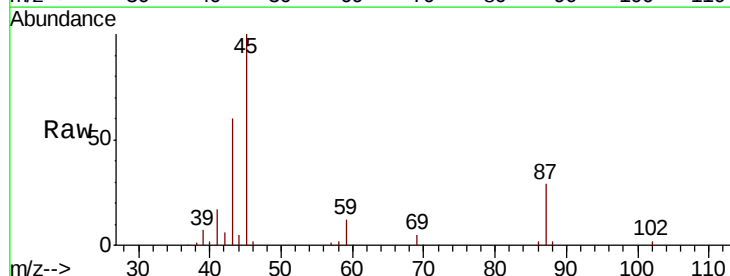


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

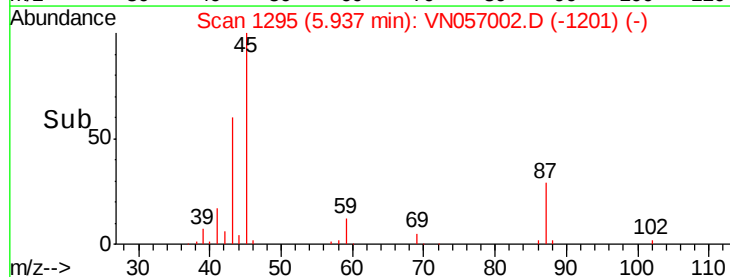
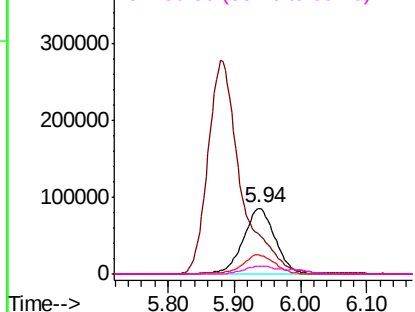


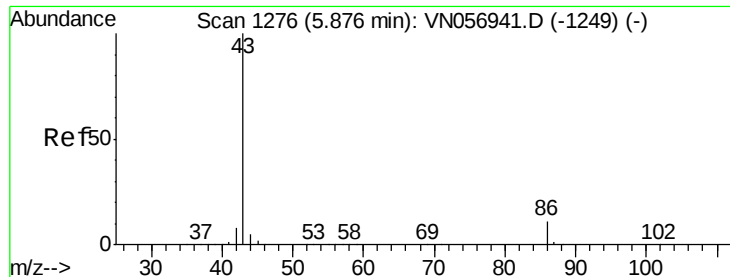
#22
Diisopropyl ether
Concen: 19.886 ug/l
RT: 5.94 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Tgt Ion: 45 Resp: 285882
Ion Ratio Lower Upper
45 100
43 58.4 44.7 67.1
87 28.9 23.0 34.6
59 11.5 9.8 14.8



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





#23

Vinyl Acetate

Concen: 95.900 ug/l

RT: 5.88 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

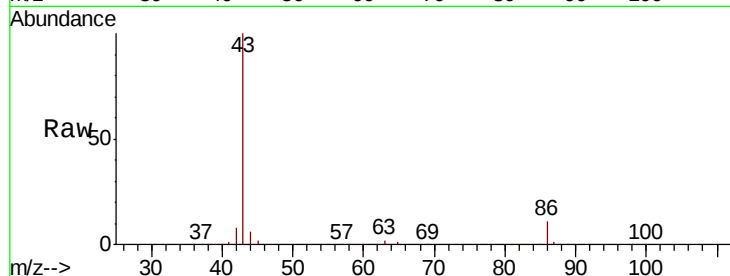
VN0731WBS01

Tot Ion: 43 Resp: 955235

Ion Ratio Lower Upper

43 100

86 11.0 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.88

300000

250000

200000

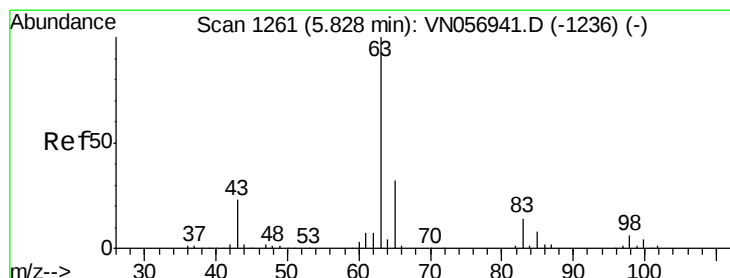
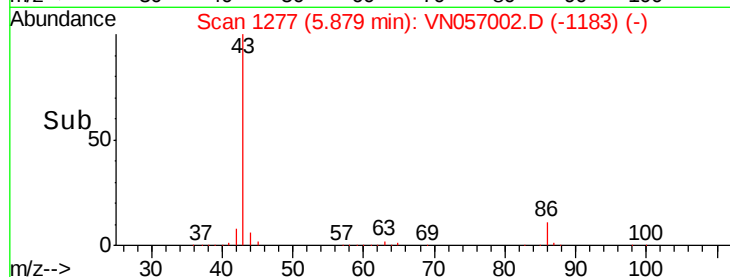
150000

100000

50000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 19.911 ug/l

RT: 5.83 min Scan# 1263

Delta R.T. 0.01 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

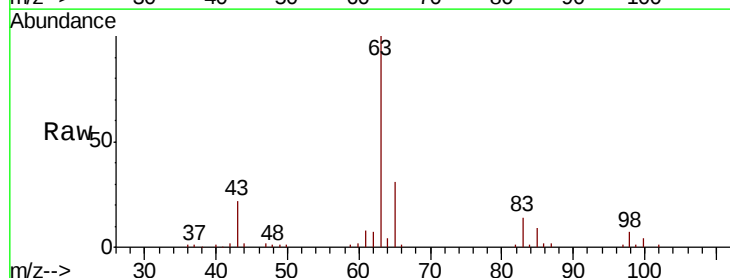
Tgt Ion: 63 Resp: 168887

Ion Ratio Lower Upper

63 100

98 6.7 3.2 9.6

100 3.9 2.1 6.3



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

5.83

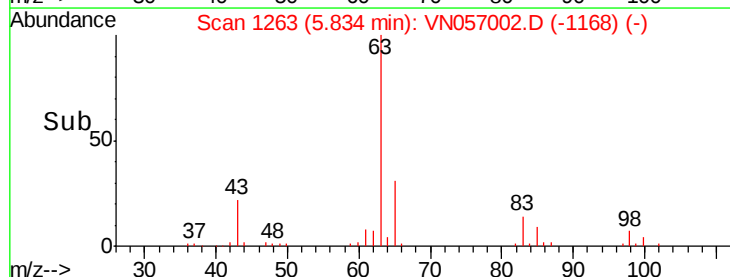
60000

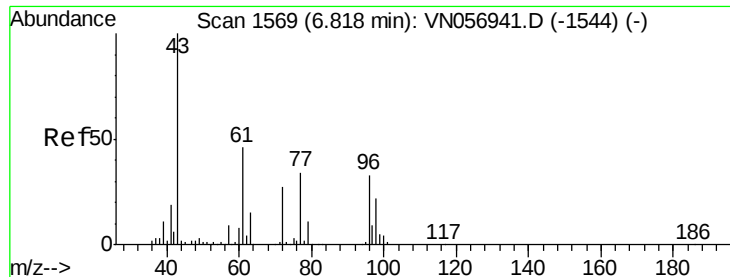
40000

20000

0

Time--> 5.70 5.80 5.90

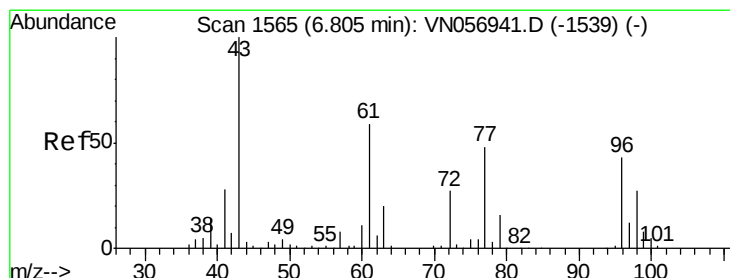
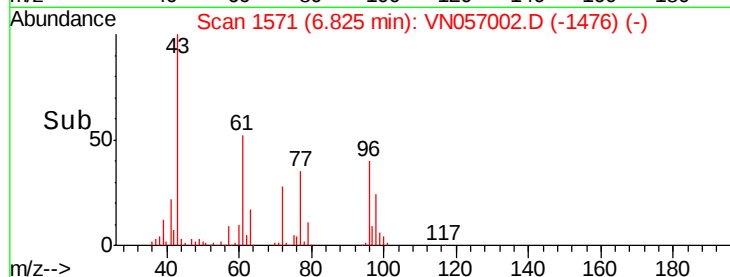
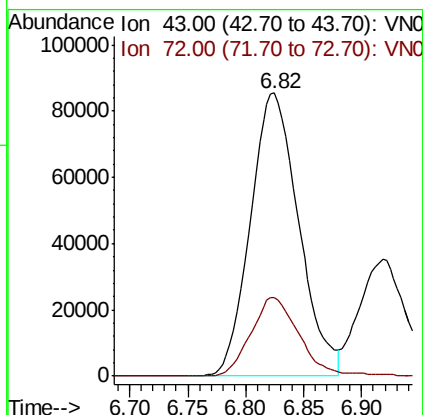
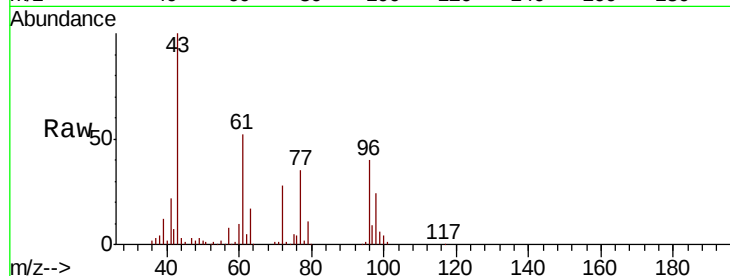




#25
2-Butanone
Concen: 96.163 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.01 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

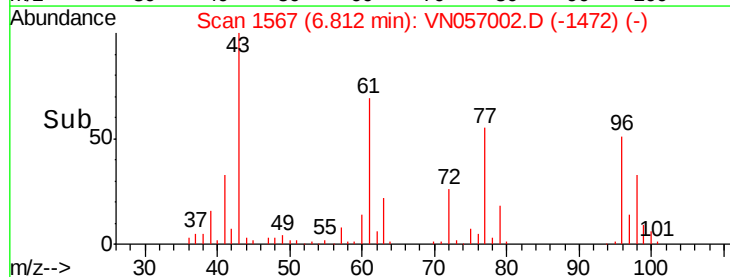
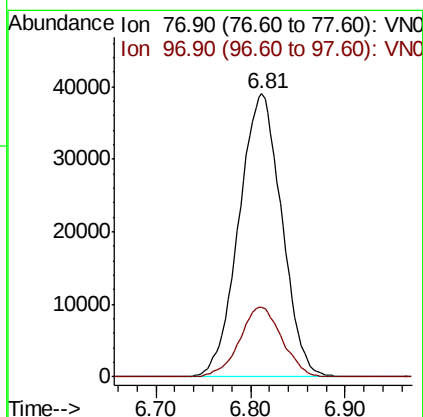
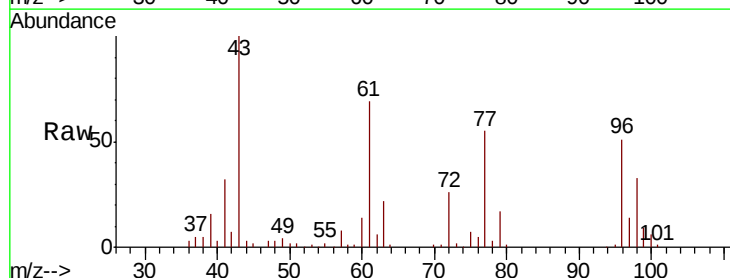
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

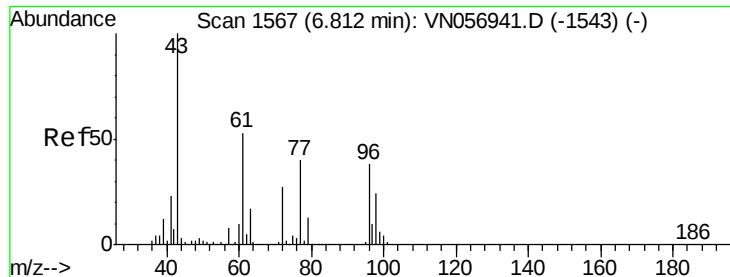
Tot Ion: 43 Resp: 246769
Ion Ratio Lower Upper
43 100
72 27.8 21.5 32.3



#26
2,2-Dichloropropane
Concen: 19.006 ug/l
RT: 6.81 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Tgt Ion: 77 Resp: 122580
Ion Ratio Lower Upper
77 100
97 24.4 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 19.860 ug/l

RT: 6.82 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS01

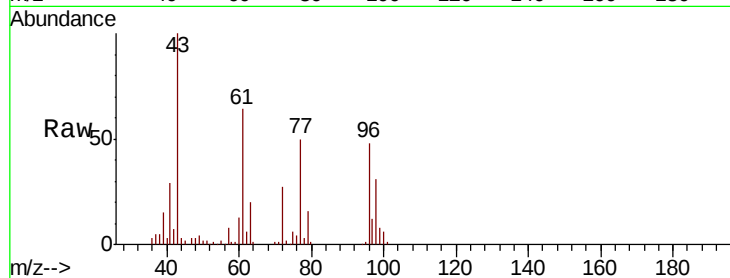
Tot Ion: 96 Resp: 107009

Ion Ratio Lower Upper

96 100

61 135.8 0.0 277.2

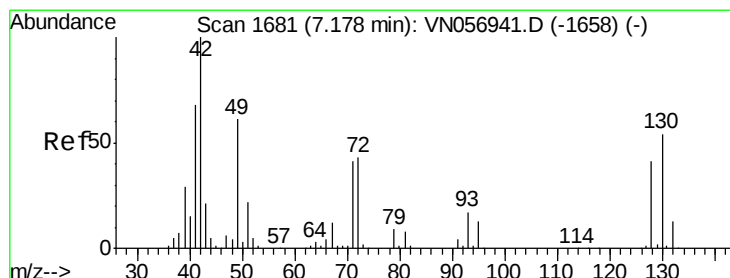
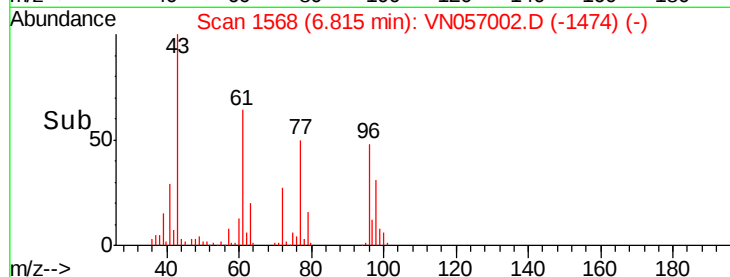
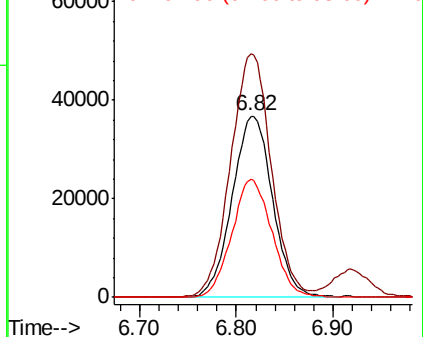
98 64.6 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 17.144 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

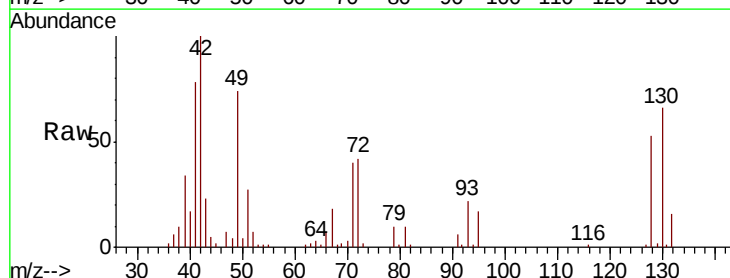
Tgt Ion: 49 Resp: 68351

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

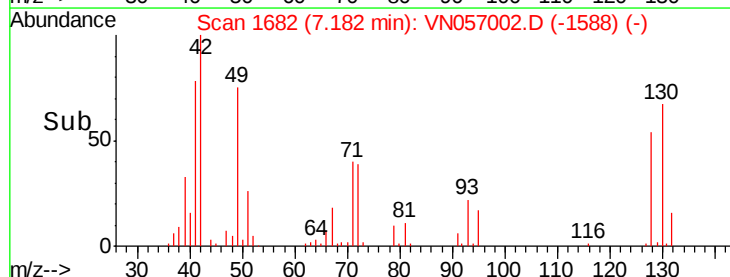
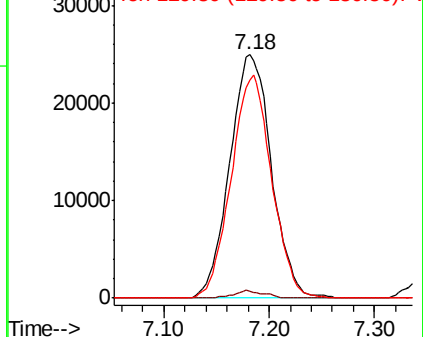
130 88.9 69.0 103.4

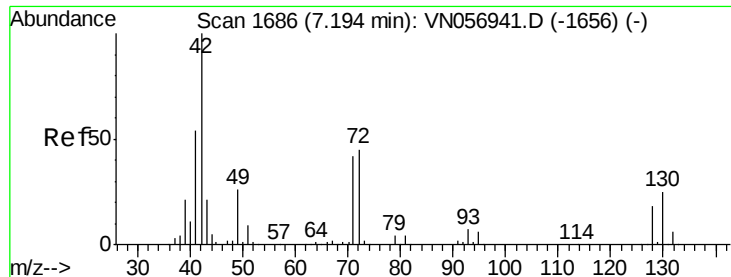


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

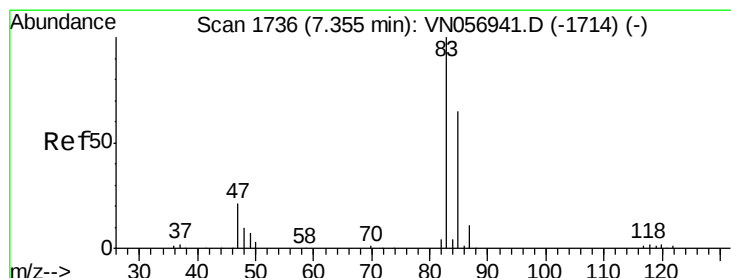
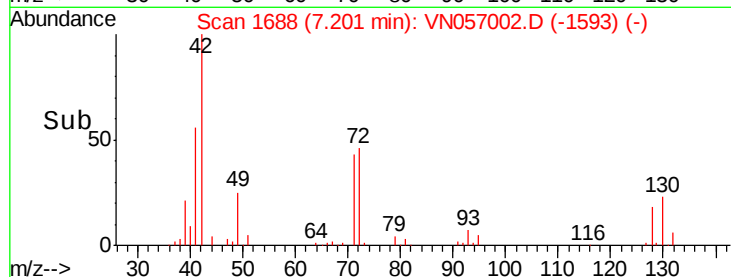
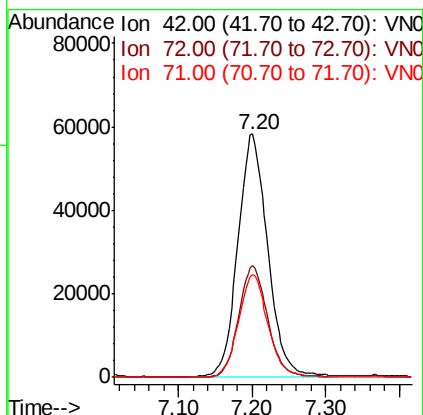
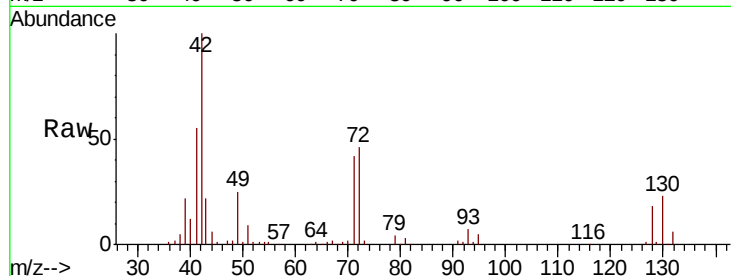




#29
Tetrahydrofuran
Concen: 99.042 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.01 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

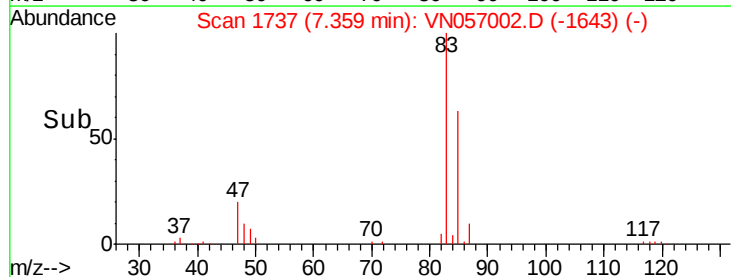
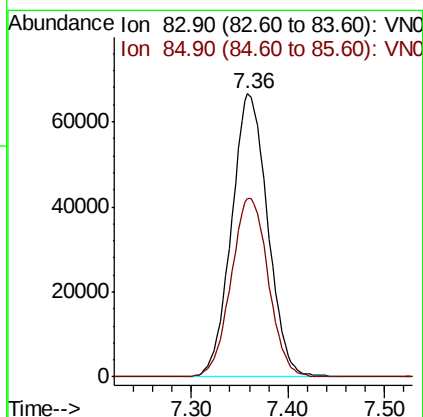
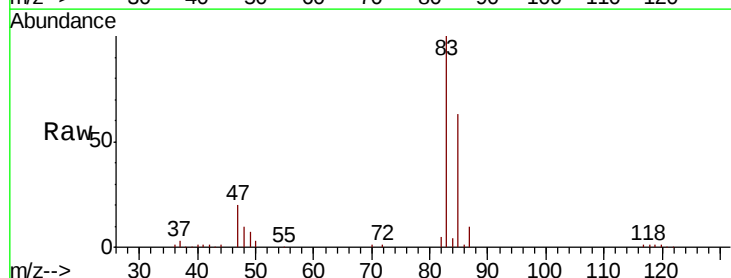
Instrument :
MSVOA_N
ClientSampled :
VN0731WBS01

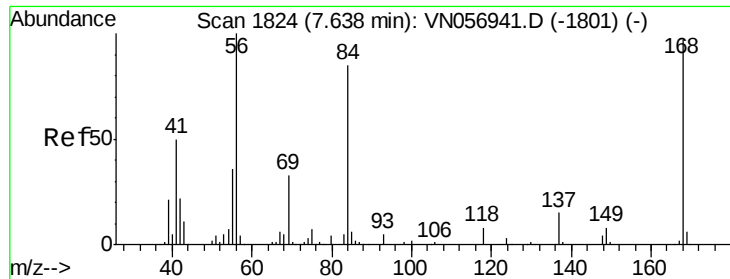
Tot Ion: 42 Resp: 165823
Ion Ratio Lower Upper
42 100
72 44.1 35.6 53.4
71 41.3 33.5 50.3



#30
Chloroform
Concen: 19.904 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Tgt Ion: 83 Resp: 172621
Ion Ratio Lower Upper
83 100
85 63.1 52.2 78.2

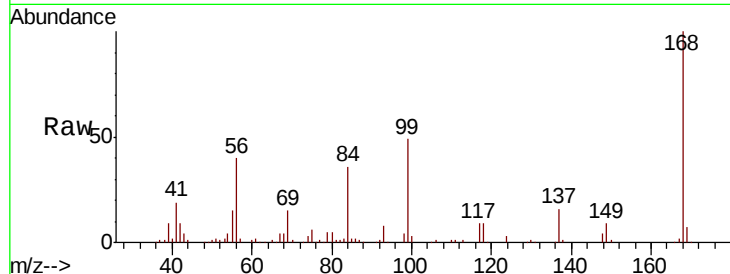




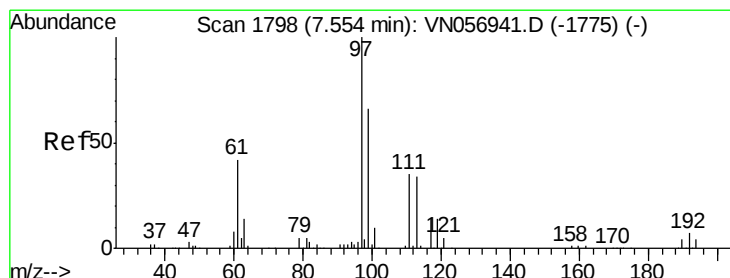
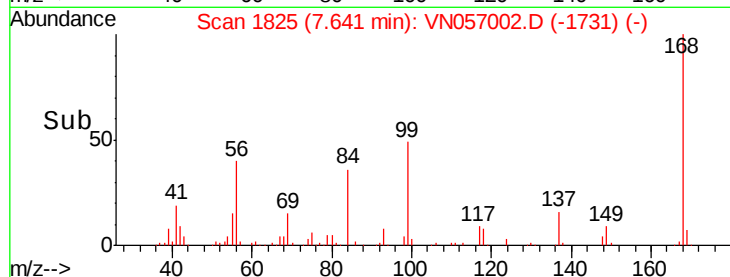
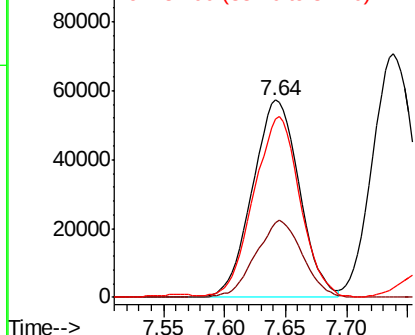
#31
Cyclohexane
Concen: 18.632 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

Tot Ion: 56 Resp: 152933
Ion Ratio Lower Upper
56 100
69 38.2 26.2 39.2
84 89.5 68.2 102.2

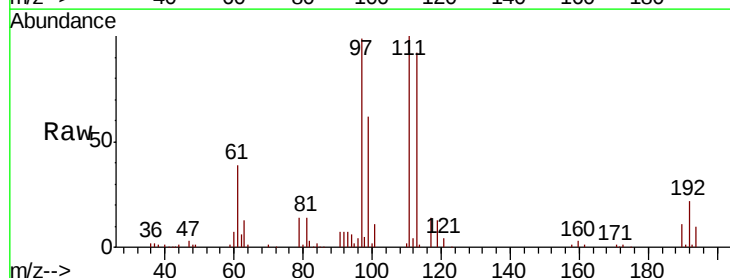


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

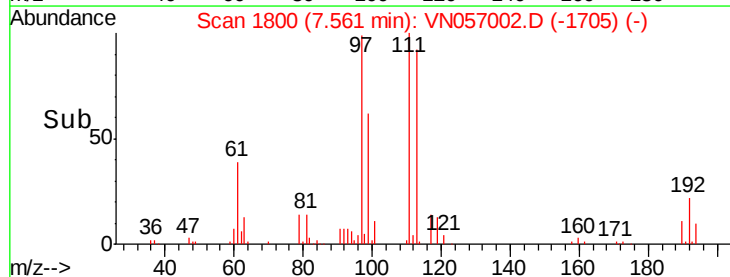
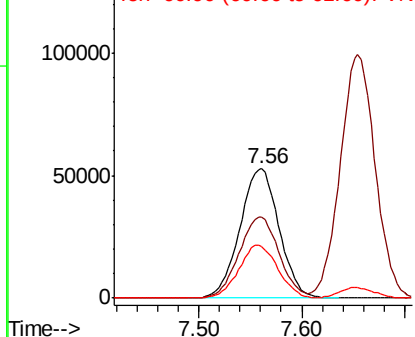


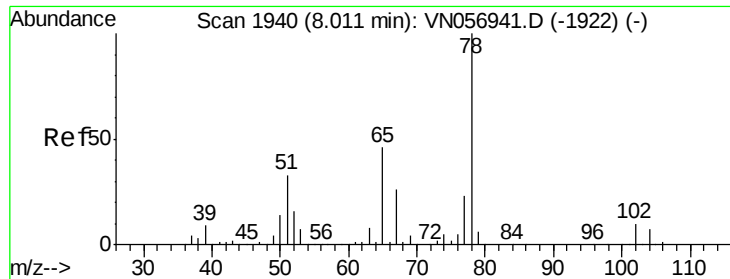
#32
1,1,1-Trichloroethane
Concen: 20.070 ug/l
RT: 7.56 min Scan# 1800
Delta R.T. 0.01 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Tgt Ion: 97 Resp: 138880
Ion Ratio Lower Upper
97 100
99 64.3 52.3 78.5
61 41.1 33.9 50.9



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





#33

1,2-Dichloroethane-d4

Concen: 50.122 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

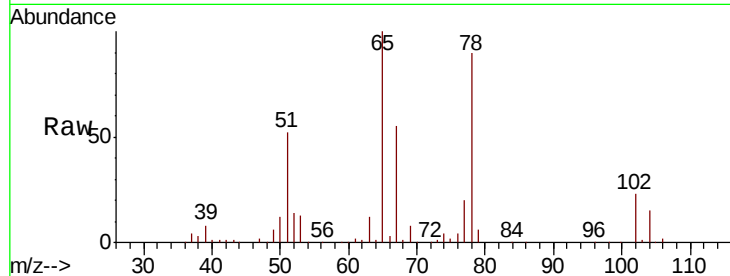
VN0731WBS01

Tot Ion: 65 Resp: 250374

Ion Ratio Lower Upper

65 100

67 55.8 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN056941.D (-1922) (-)

Ion 66.90 (66.60 to 67.60): VN056941.D (-1922) (-)

8.01

100000

80000

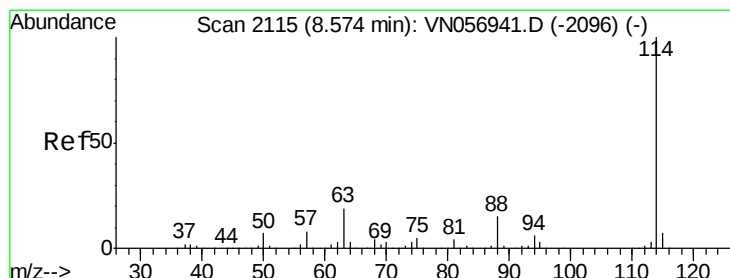
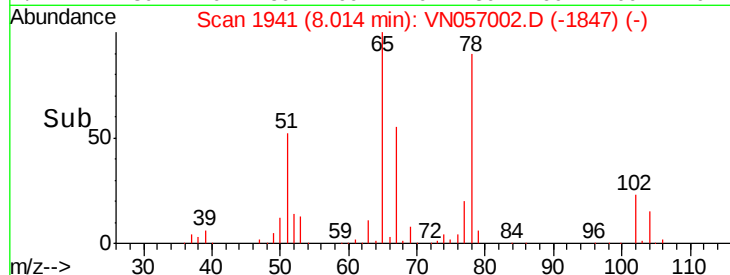
60000

40000

20000

0

Time--> 7.90 7.95 8.00 8.05 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

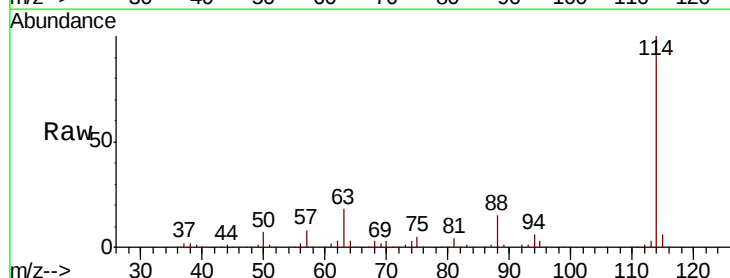
Tgt Ion: 114 Resp: 708617

Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.0

88 14.9 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): VN056941.D (-2096) (-)

Ion 63.00 (62.70 to 63.70): VN056941.D (-2096) (-)

Ion 87.90 (87.60 to 88.60): VN056941.D (-2096) (-)

8.58

400000

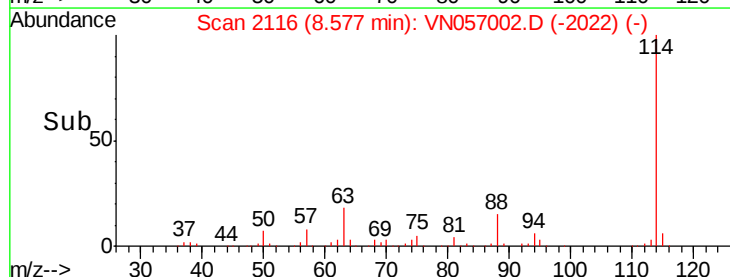
300000

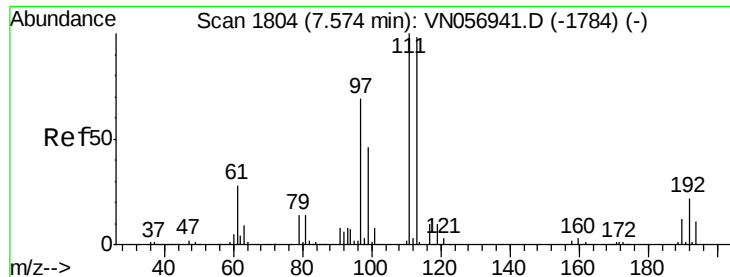
200000

100000

0

Time--> 8.50 8.60 8.70

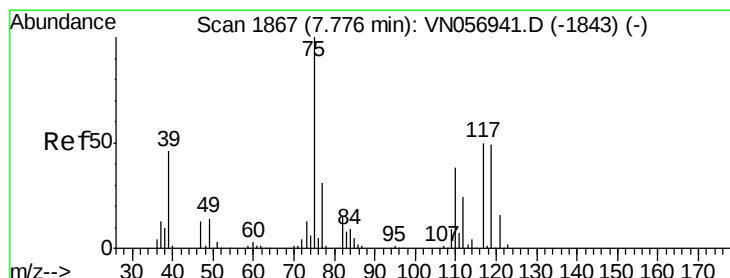
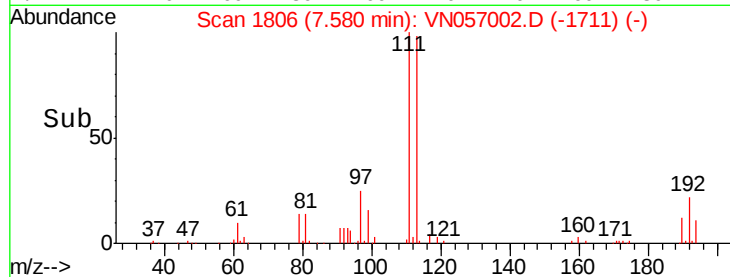
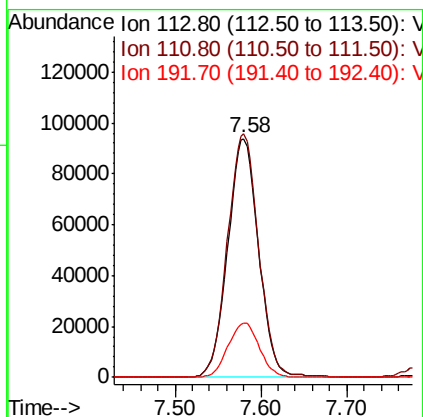
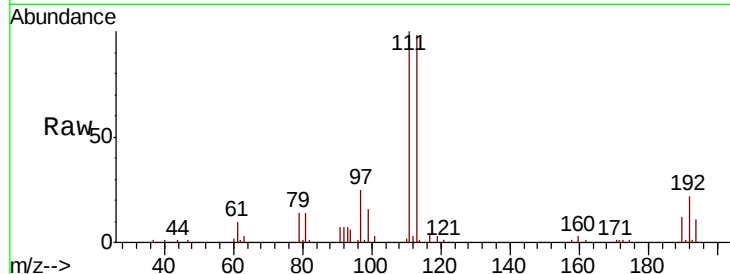




#35
 Dibromofluoromethane
 Concen: 51.461 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

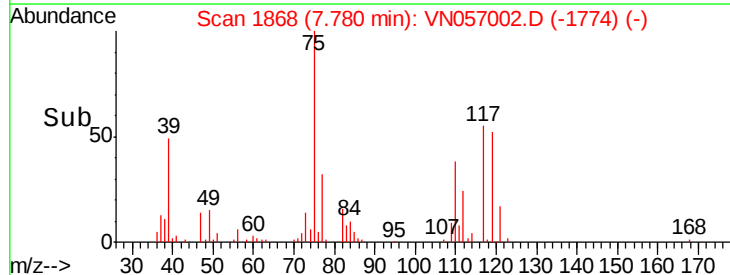
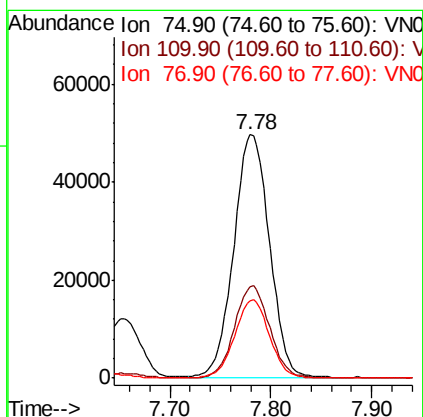
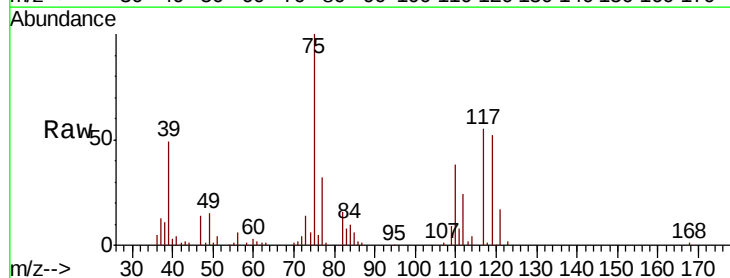
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

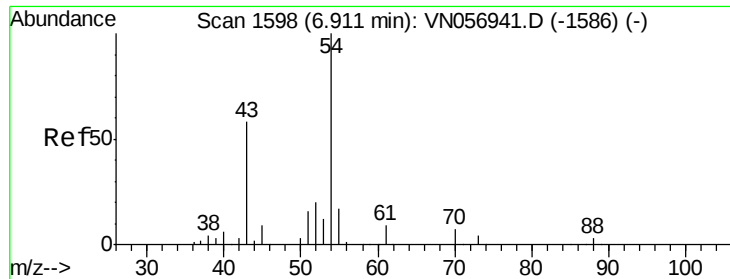
Tot Ion:113 Resp: 233445
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.0 123.0
 192 23.1 18.4 27.6



#36
 1,1-Dichloropropene
 Concen: 19.540 ug/l
 RT: 7.78 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Tgt Ion: 75 Resp: 121839
 Ion Ratio Lower Upper
 75 100
 110 37.4 18.6 55.8
 77 31.5 25.2 37.8

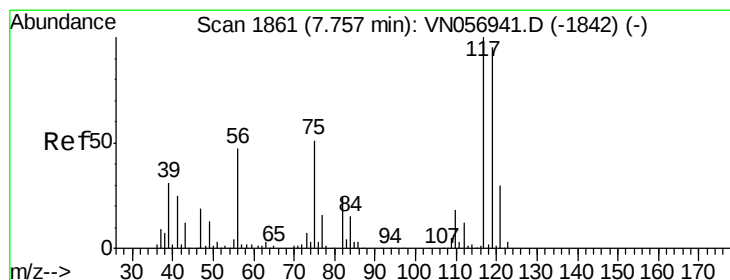
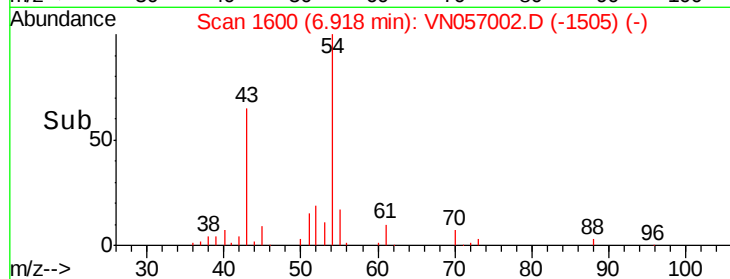
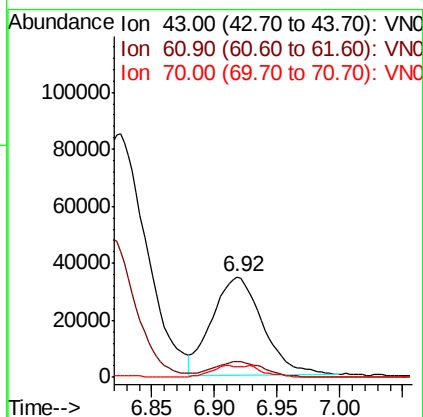
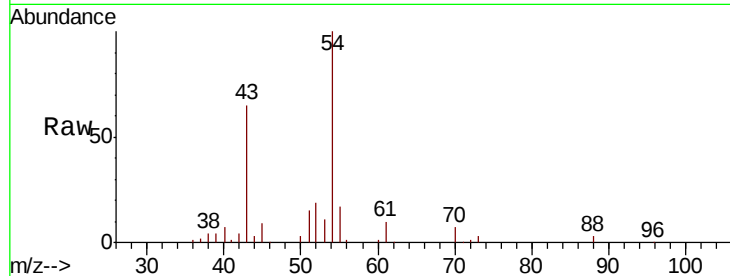




#37
Ethyl Acetate
Concen: 19.276 ug/l
RT: 6.92 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

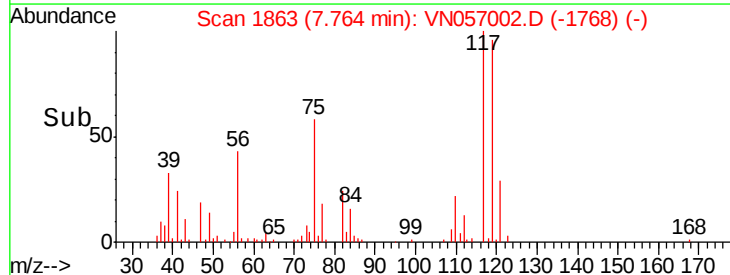
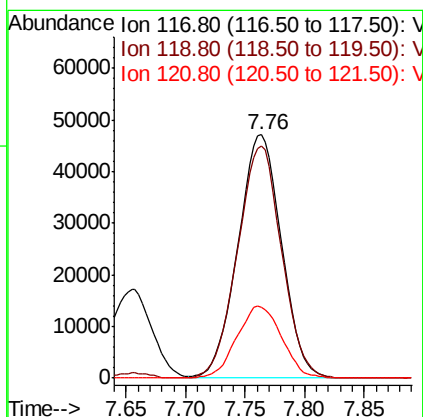
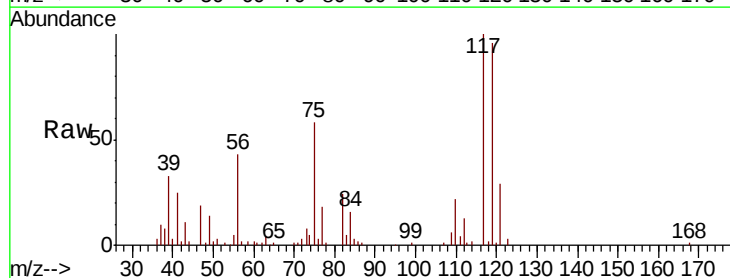
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

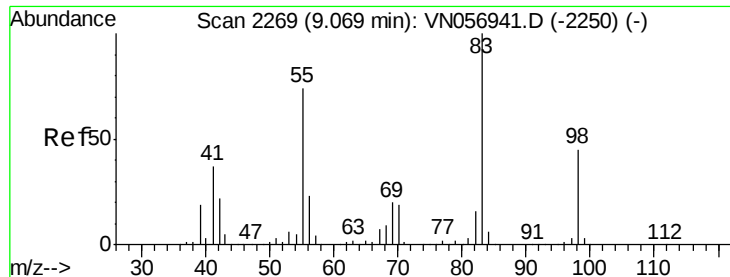
Tot Ion: 43 Resp: 96262
Ion Ratio Lower Upper
43 100
61 16.5 11.8 17.6
70 6.2 8.5 12.7#



#38
Carbon Tetrachloride
Concen: 20.237 ug/l
RT: 7.76 min Scan# 1863
Delta R.T. 0.01 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Tgt Ion: 117 Resp: 119357
Ion Ratio Lower Upper
117 100
119 95.6 75.3 112.9
121 29.2 24.2 36.4

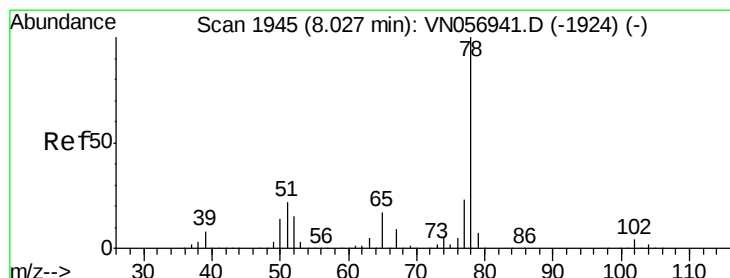
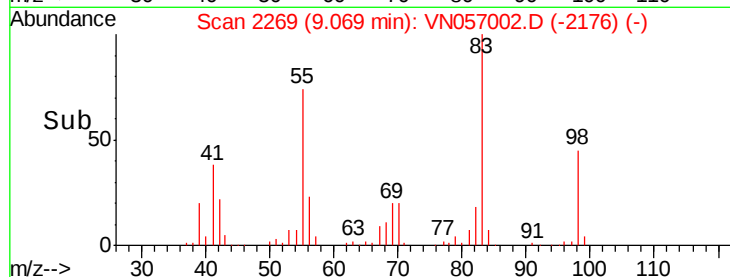
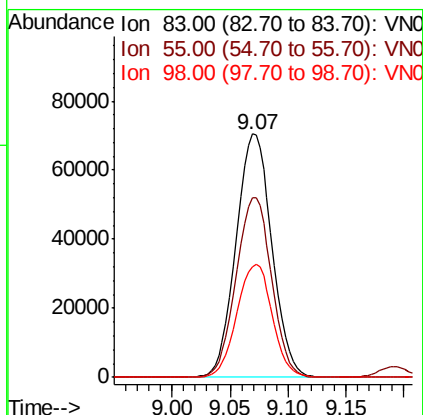
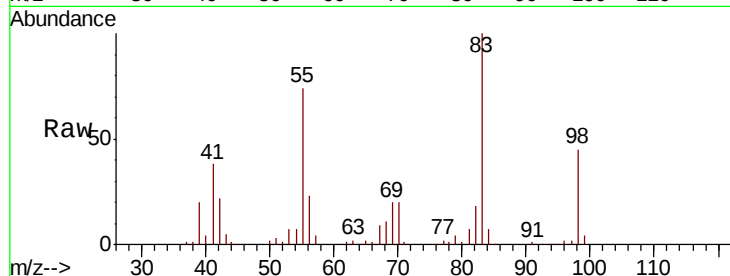




#39
Methvlcvclohexane
Concen: 18.976 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

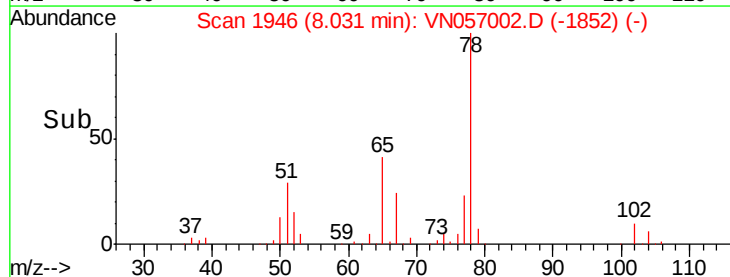
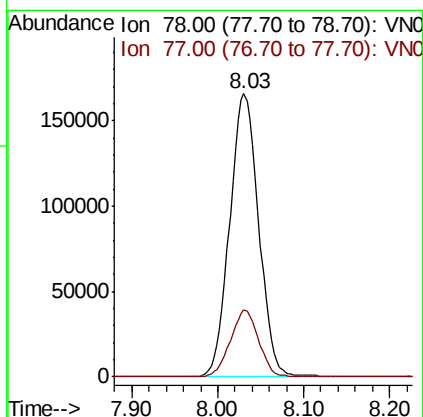
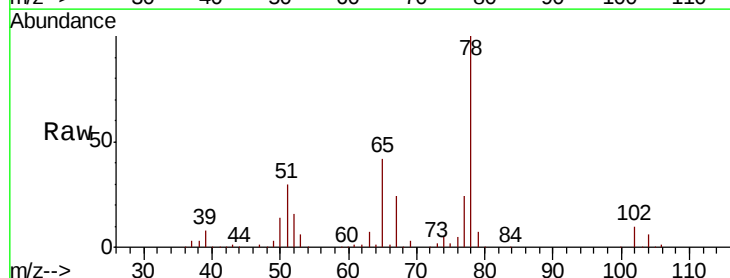
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

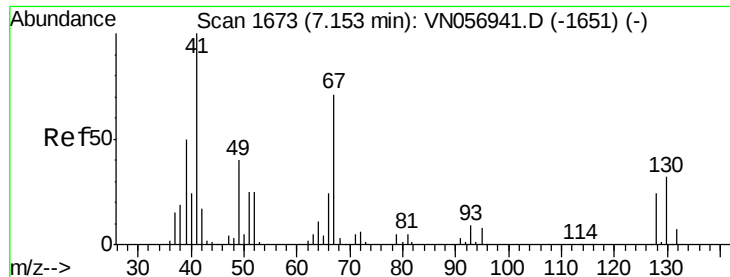
Tot Ion: 83 Resp: 151227
Ion Ratio Lower Upper
83 100
55 73.6 59.0 88.6
98 45.5 36.2 54.4



#40
Benzene
Concen: 20.233 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Tgt Ion: 78 Resp: 388567
Ion Ratio Lower Upper
78 100
77 23.5 18.3 27.5





#41

Methacrylonitrile

Concen: 62.276 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.05 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

ClientSampled :

VN0731WBS01

Tot Ion: 41 Resp: 143774

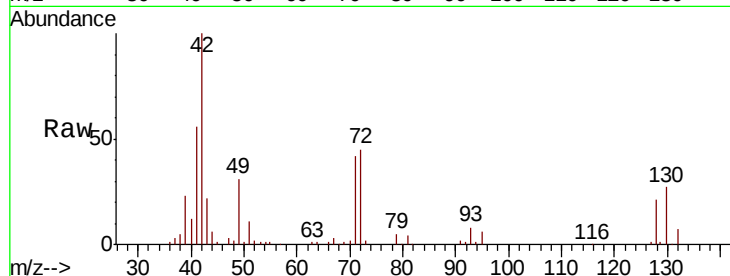
Ion Ratio Lower Upper

41 100

39 0.0 48.9 73.3#

67 0.0 83.4 125.0#

52 0.0 30.9 46.3#

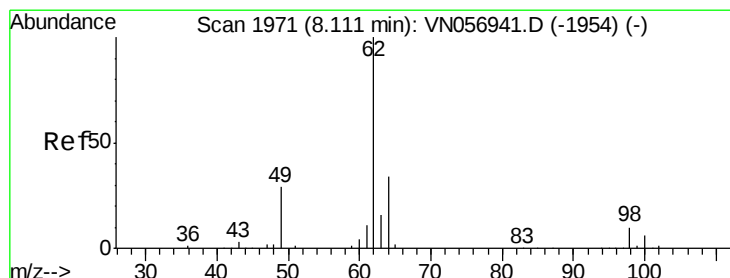
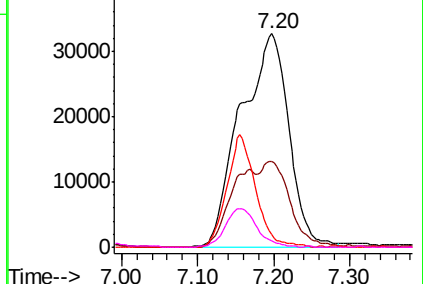
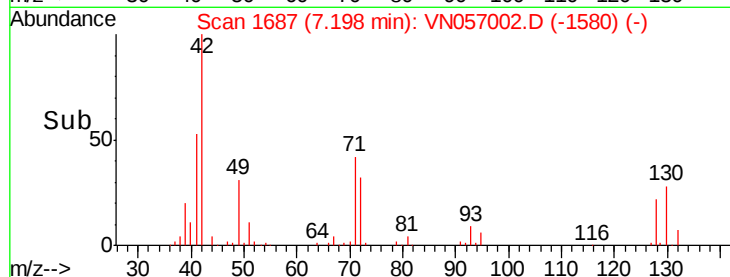


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 20.401 ug/l

RT: 8.11 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VN057002.D

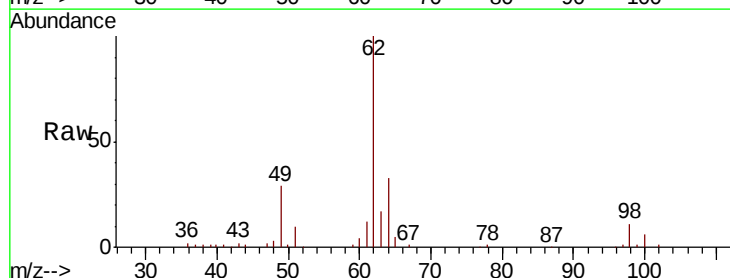
Acq: 31 Jul 2019 10:25

Tgt Ion: 62 Resp: 122792

Ion Ratio Lower Upper

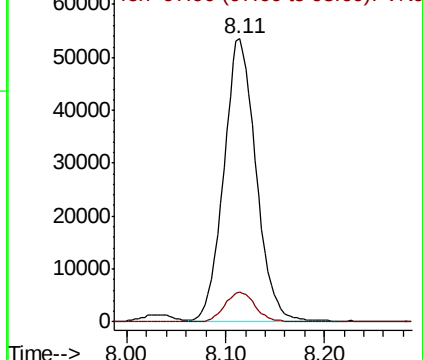
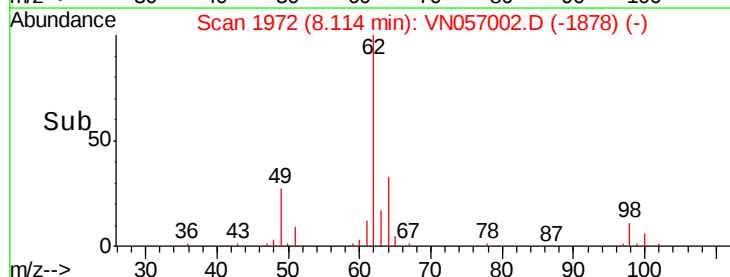
62 100

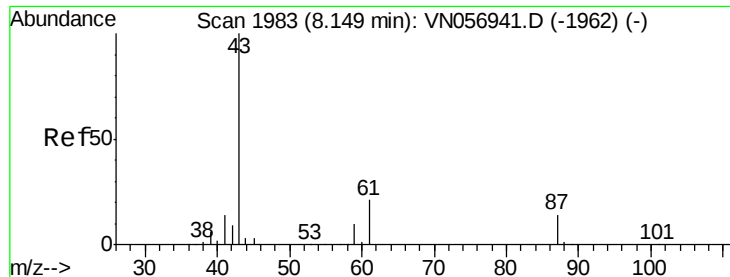
98 9.9 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 19.218 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS01

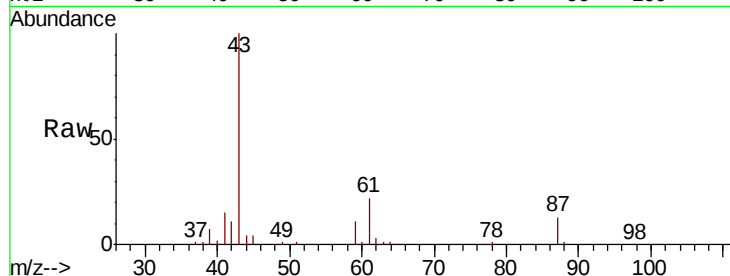
Tot Ion: 43 Resp: 158626

Ion Ratio Lower Upper

43 100

61 23.0 23.0 34.6

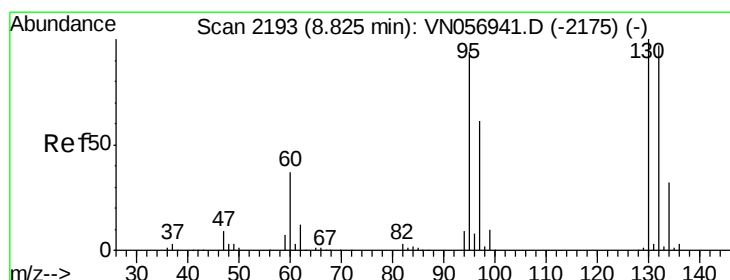
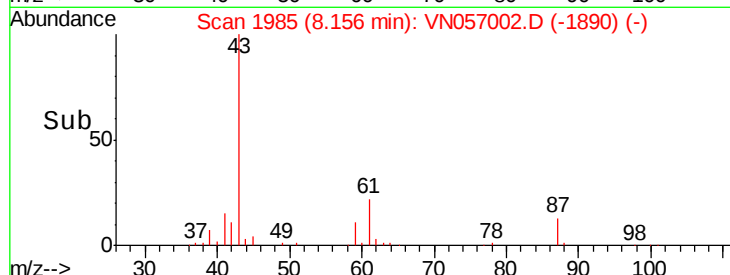
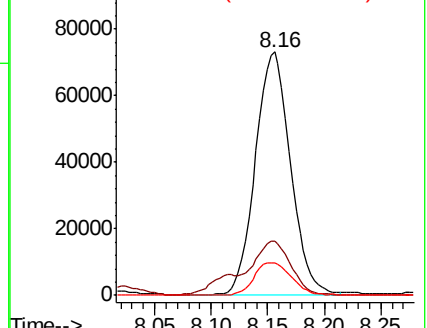
87 14.5 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VN056941.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN056941.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN056941.D (-1962) (-)



#44

Trichloroethene

Concen: 20.296 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VN057002.D

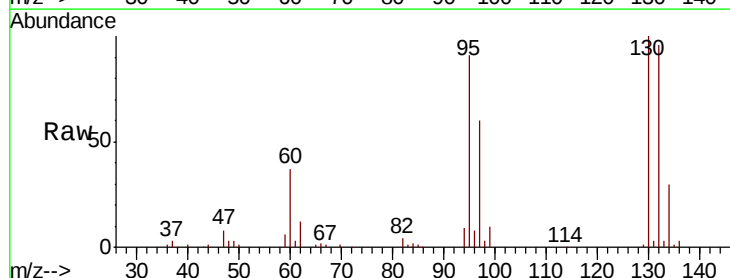
Acq: 31 Jul 2019 10:25

Tgt Ion:130 Resp: 107387

Ion Ratio Lower Upper

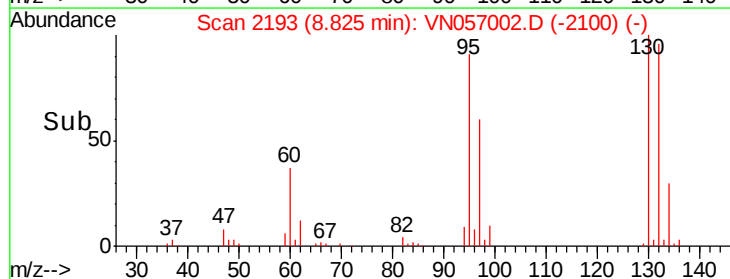
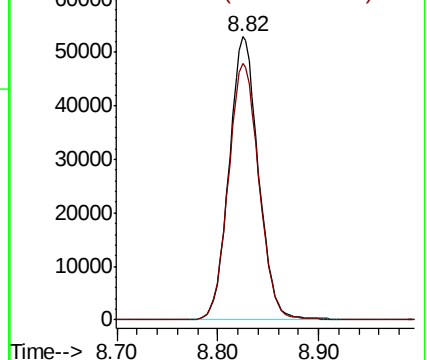
130 100

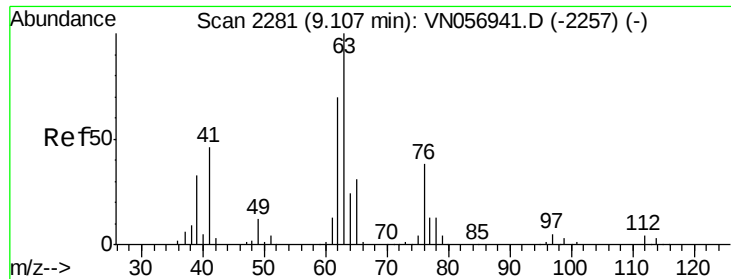
95 90.7 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): VN056941.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN056941.D (-2175) (-)

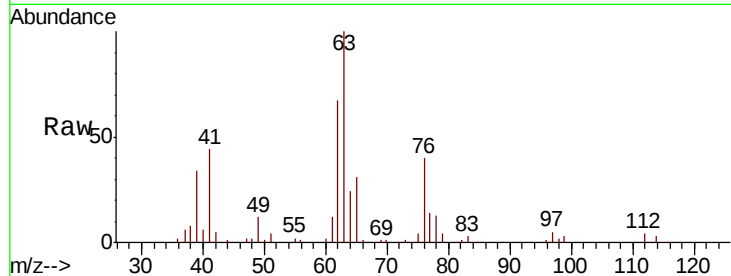




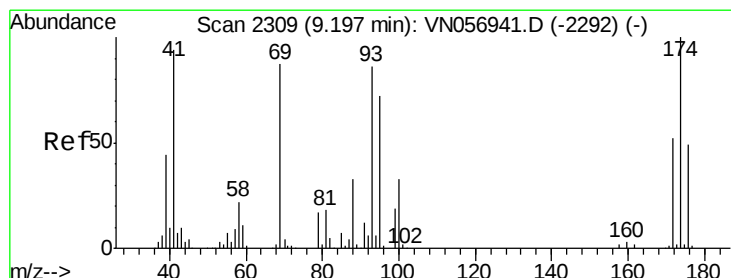
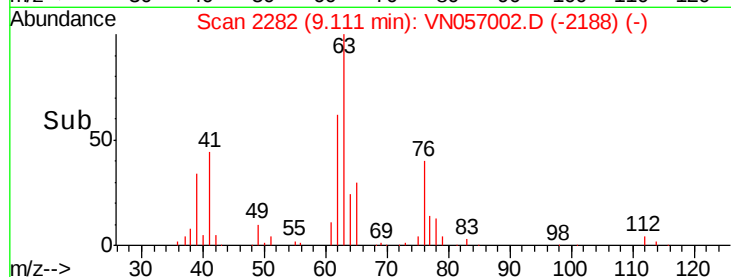
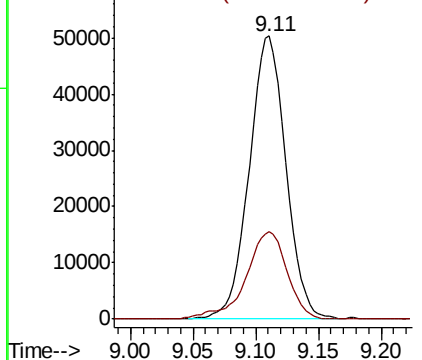
#45
 1,2-Dichloropropane
 Concen: 19.967 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

Tot Ion: 63 Resp: 102569
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.8 37.2

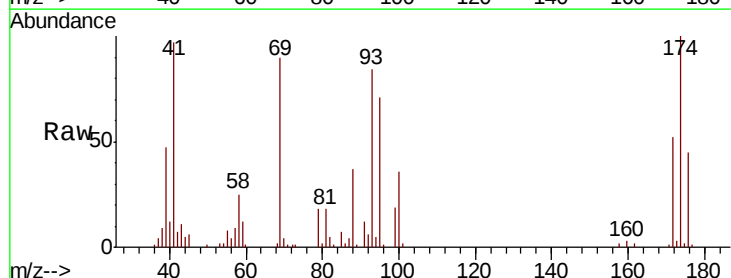


Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 64.90 (64.60 to 65.60): VN0

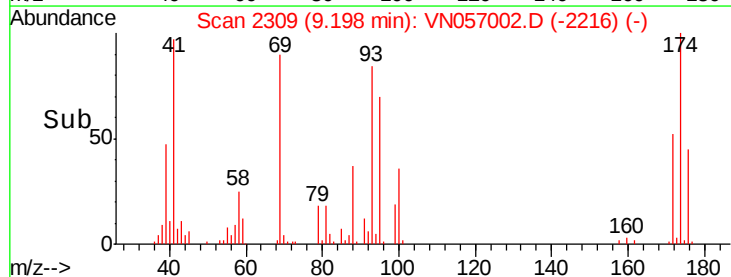
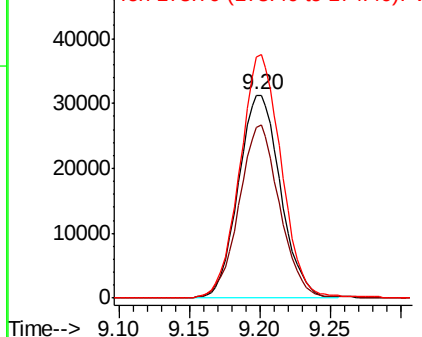


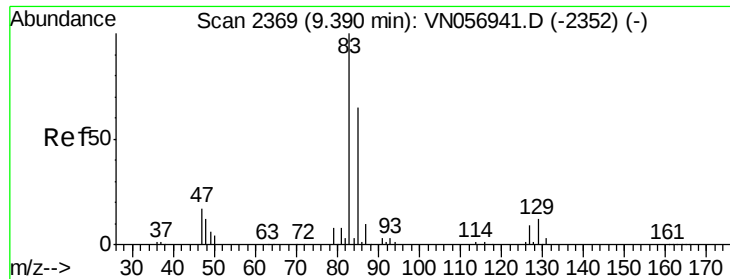
#46
 Dibromomethane
 Concen: 21.079 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Tgt Ion: 93 Resp: 65300
 Ion Ratio Lower Upper
 93 100
 95 82.2 67.0 100.6
 174 117.9 92.7 139.1



Abundance Ion 92.80 (92.50 to 93.50): VN0
 Ion 94.80 (94.50 to 95.50): VN0
 Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.038 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS01

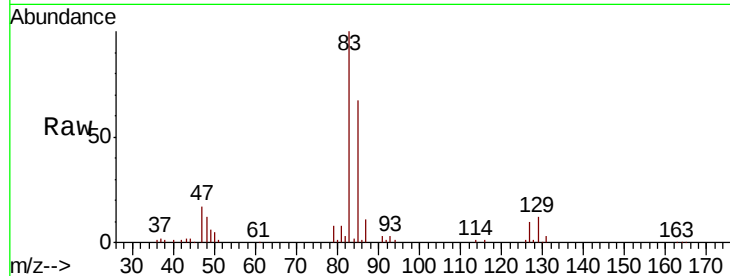
Tot Ion: 83 Resp: 122051

Ion Ratio Lower Upper

83 100

85 67.2 51.6 77.4

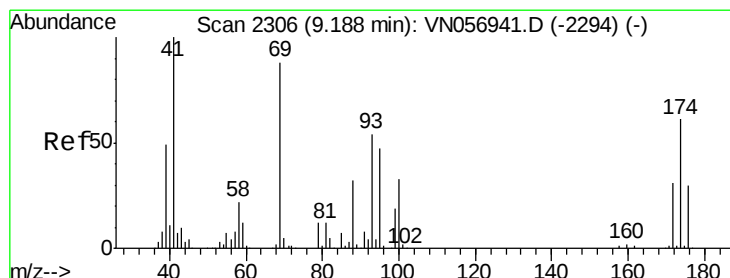
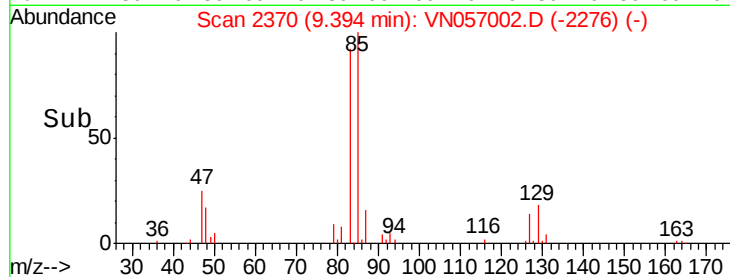
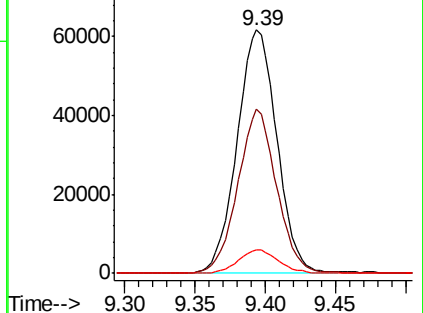
127 9.6 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 19.220 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

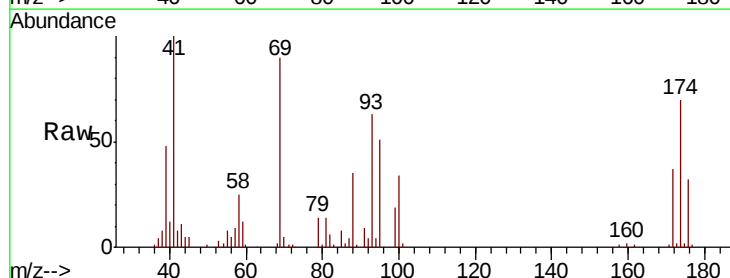
Tgt Ion: 41 Resp: 76593

Ion Ratio Lower Upper

41 100

69 96.4 73.4 110.0

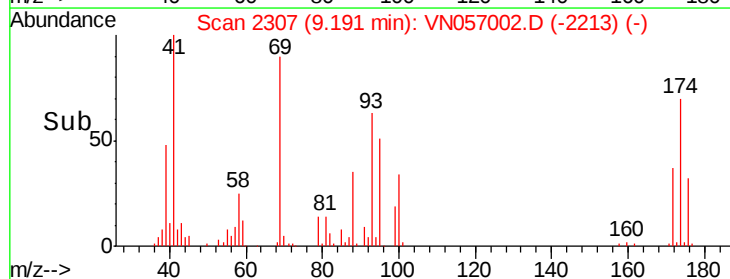
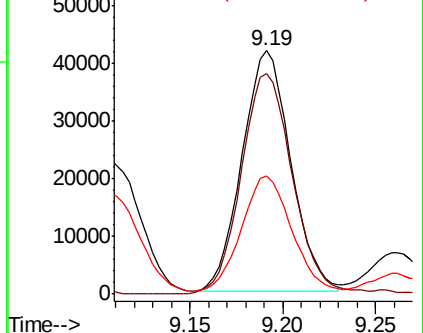
39 50.2 39.9 59.9

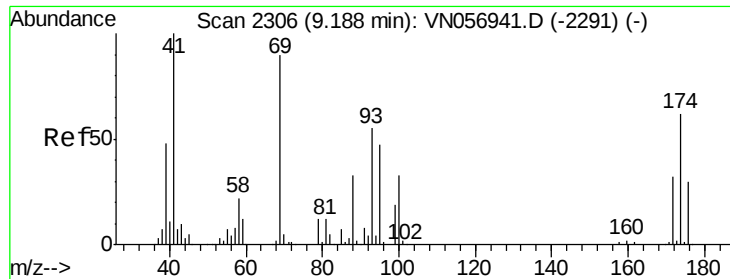


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

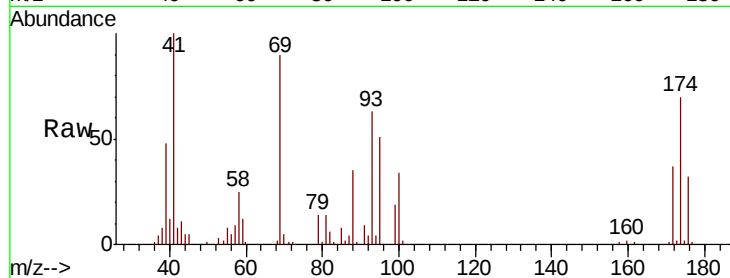




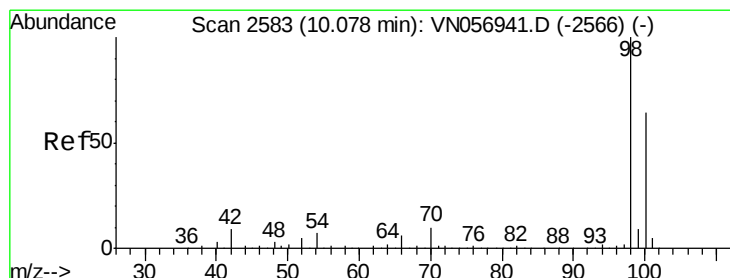
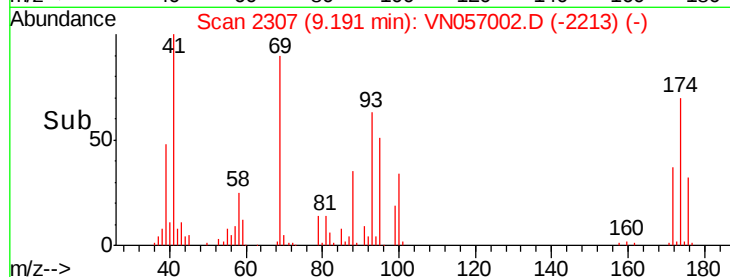
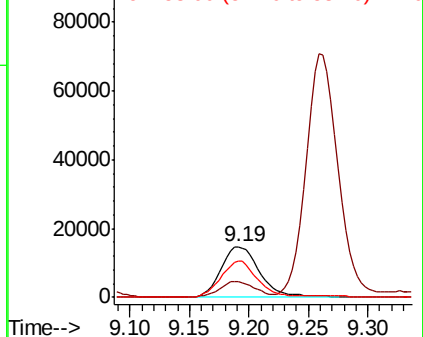
#49
 1,4-Dioxane
 Concen: 406.069 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

Tot Ion: 88 Resp: 33348
 Ion Ratio Lower Upper
 88 100
 43 28.5 22.2 33.2
 58 67.0 54.1 81.1

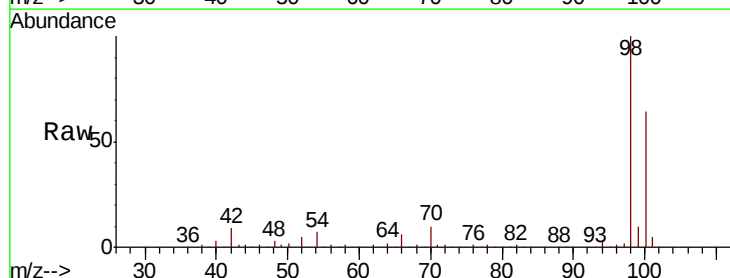


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

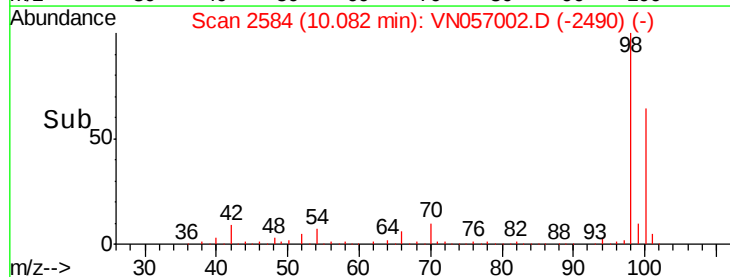
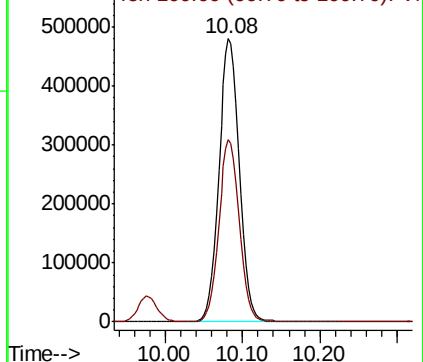


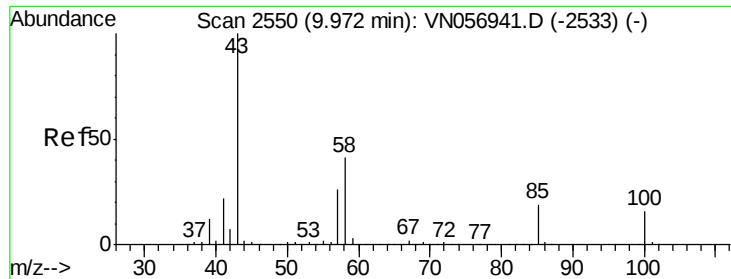
#50
 Toluene-d8
 Concen: 51.153 ug/l
 RT: 10.08 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Tgt Ion: 98 Resp: 884906
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.3 76.9



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





#51

4-Methyl-2-Pentanone

Concen: 100.092 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

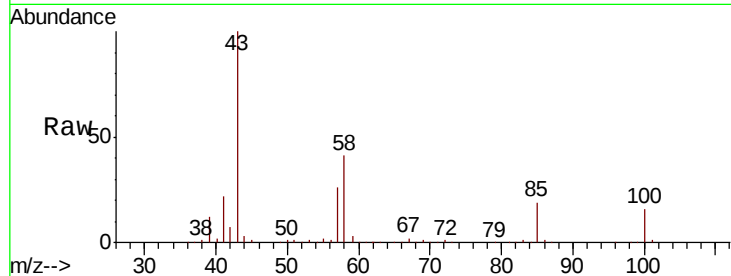
VN0731WBS01

Tot Ion: 43 Resp: 490882

Ion Ratio Lower Upper

43 100

58 40.8 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.98

250000

200000

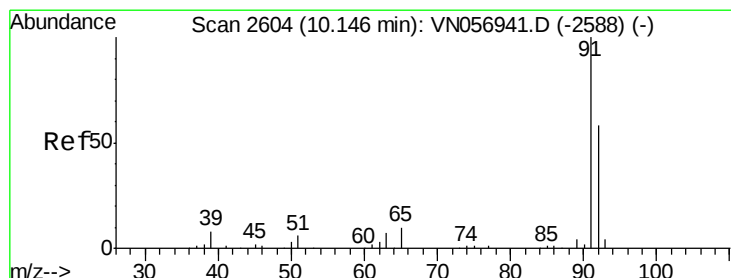
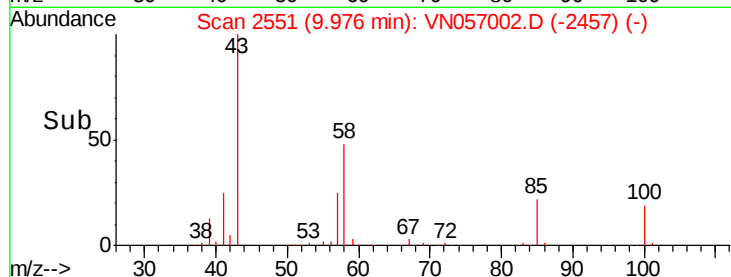
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.563 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN057002.D

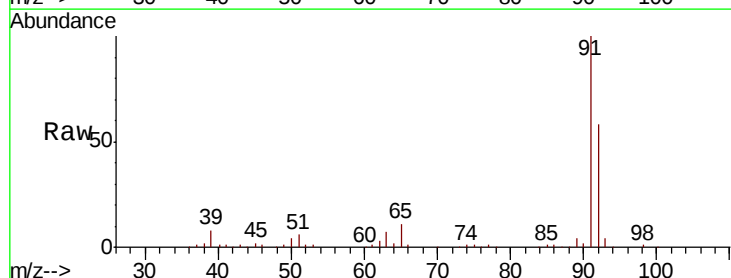
Acq: 31 Jul 2019 10:25

Tgt Ion: 92 Resp: 237266

Ion Ratio Lower Upper

92 100

91 175.1 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.15

250000

200000

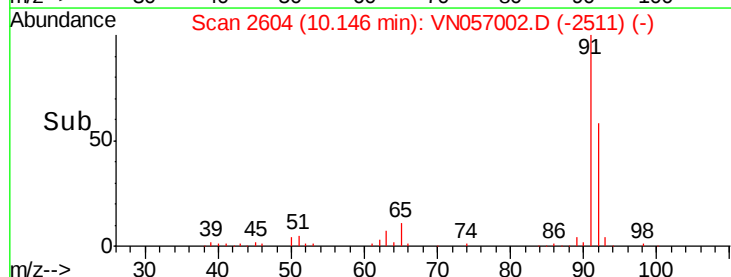
150000

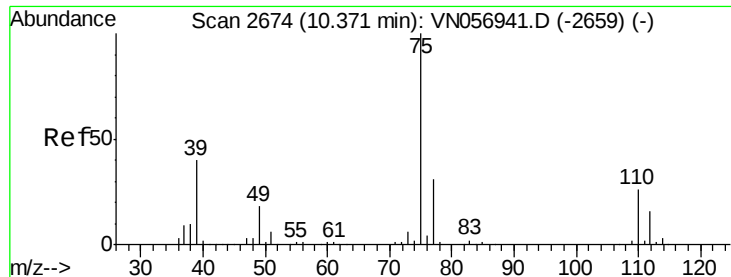
100000

50000

0

Time-->

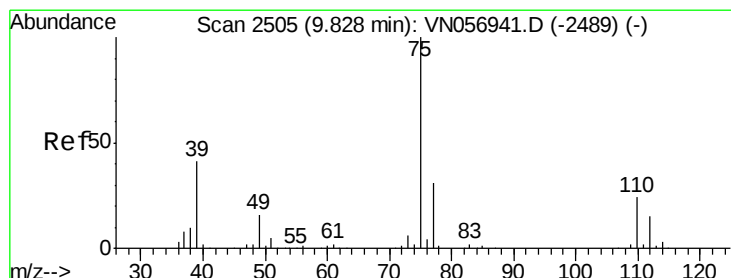
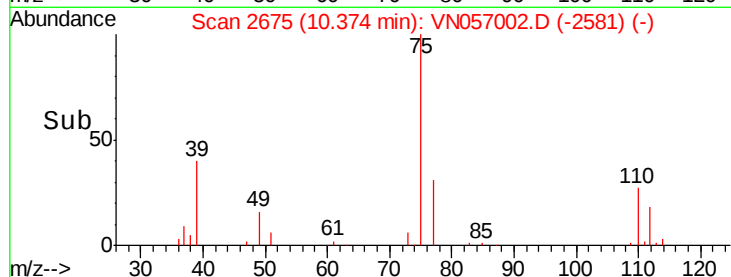
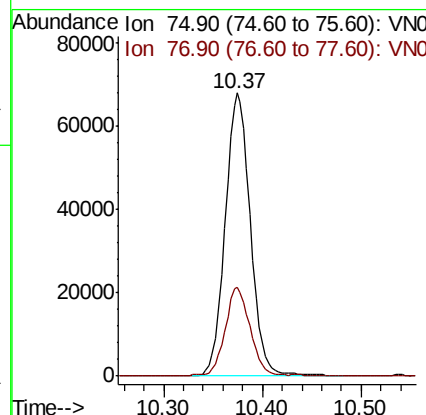
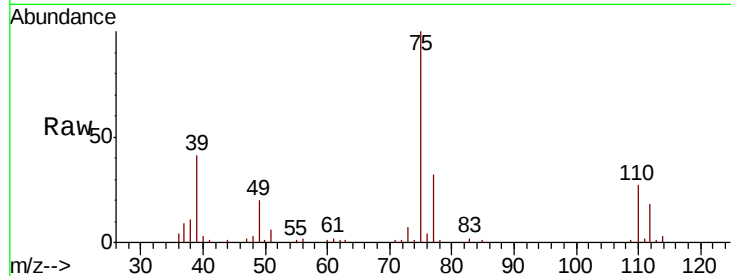




#53
 t-1,3-Dichloropropene
 Concen: 19.243 ug/l
 RT: 10.37 min Scan# 2675
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

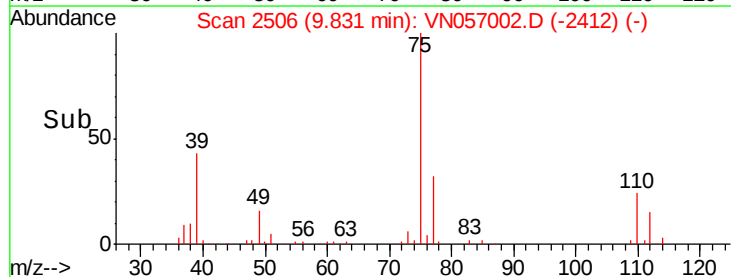
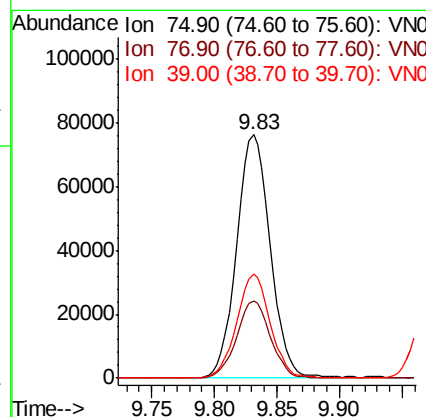
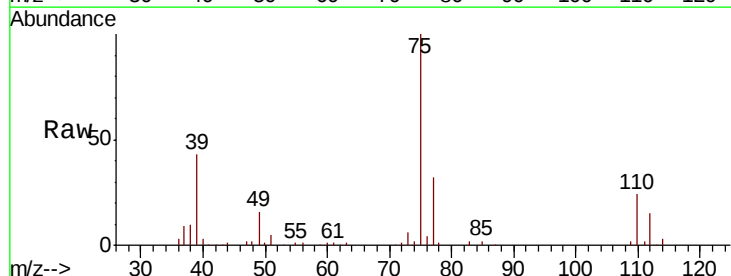
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

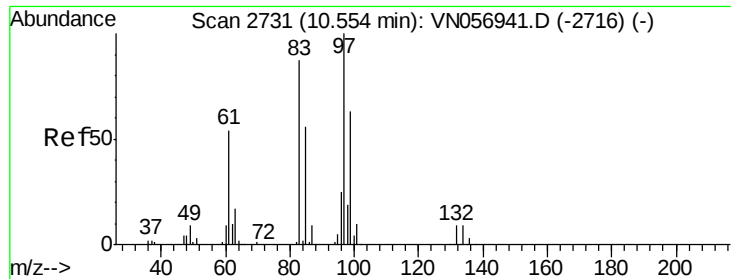
Tot Ion: 75 Resp: 121629
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 19.363 ug/l
 RT: 9.83 min Scan# 2506
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Tgt Ion: 75 Resp: 142296
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.6
 39 42.7 32.6 49.0





#55

1,1,2-Trichloroethane

Concen: 20.145 ug/l

RT: 10.55 min Scan# 2731

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS01

Tot Ion: 97 Resp: 93217

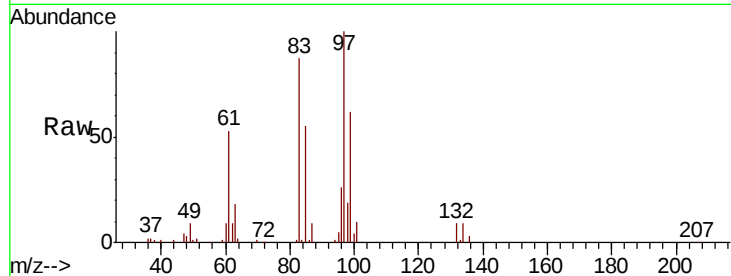
Ion Ratio Lower Upper

97 100

83 86.9 69.4 104.0

85 54.5 44.7 67.1

99 61.9 50.1 75.1

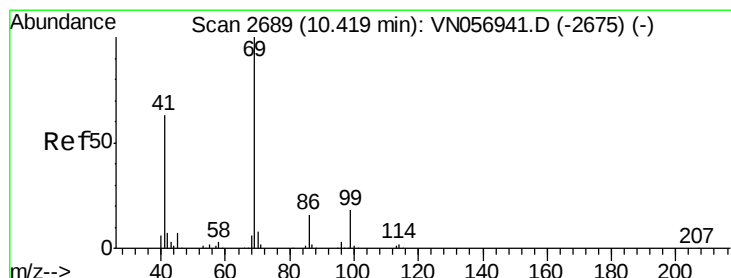
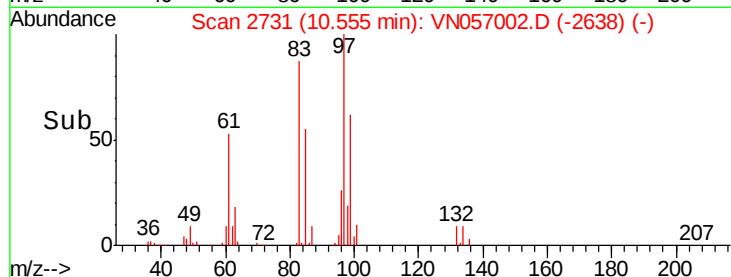
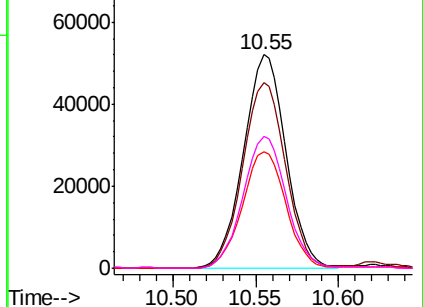


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 18.675 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

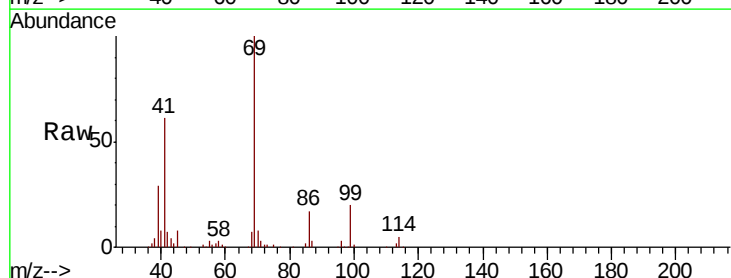
Tgt Ion: 69 Resp: 122512

Ion Ratio Lower Upper

69 100

41 60.4 49.2 73.8

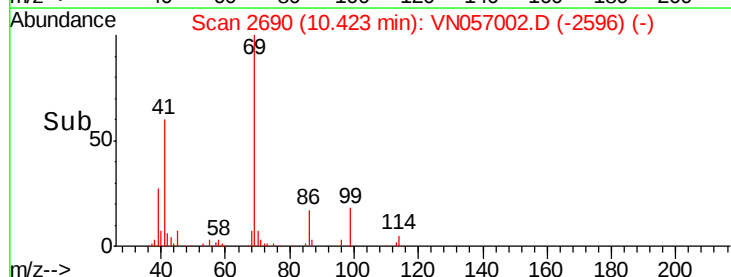
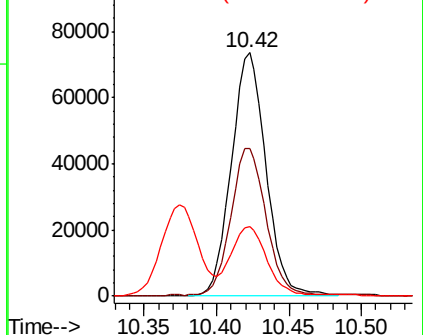
39 29.0 23.1 34.7

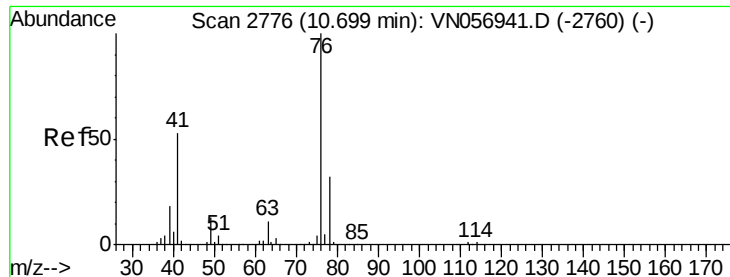


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

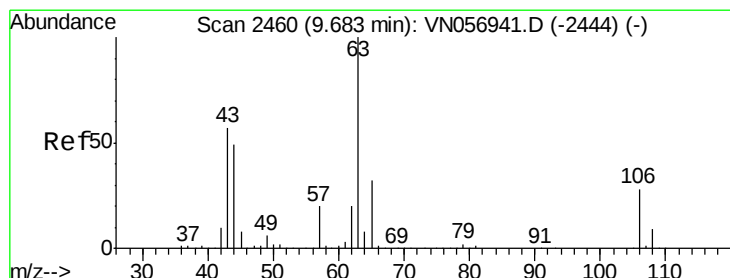
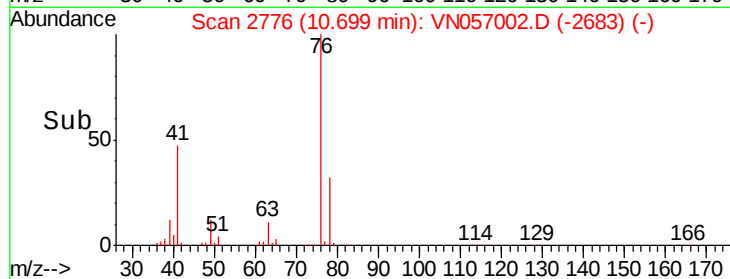
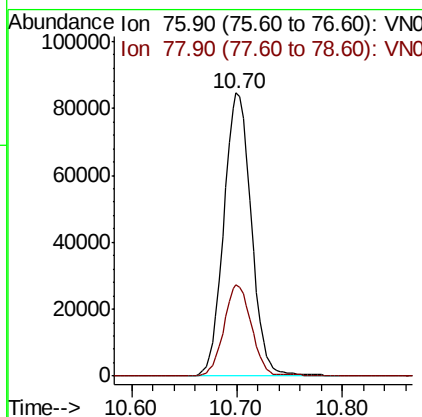
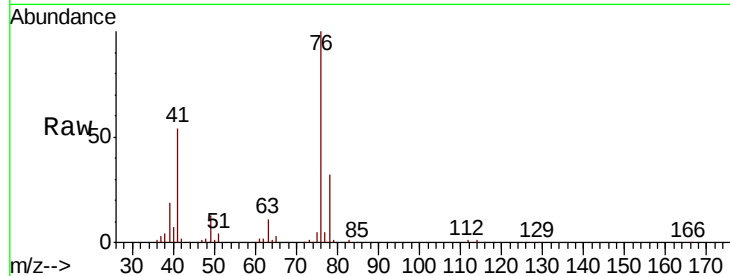




#57
 1,3-Dichloropropane
 Concen: 19.908 ug/l
 RT: 10.70 min Scan# 2776
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

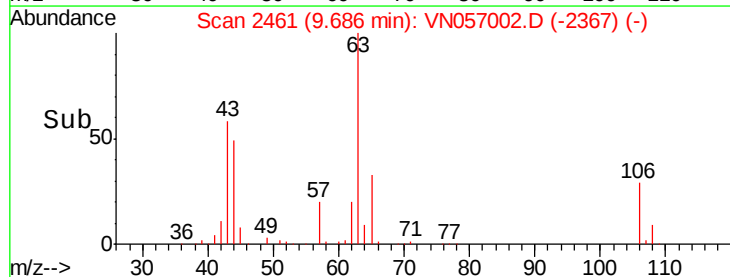
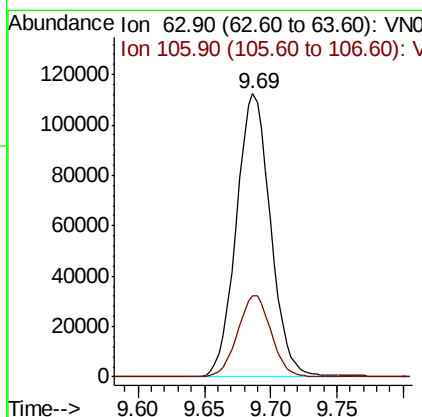
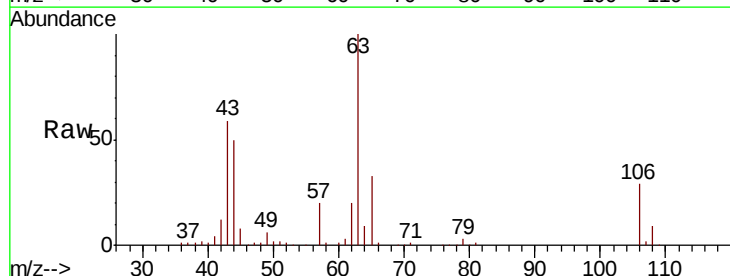
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

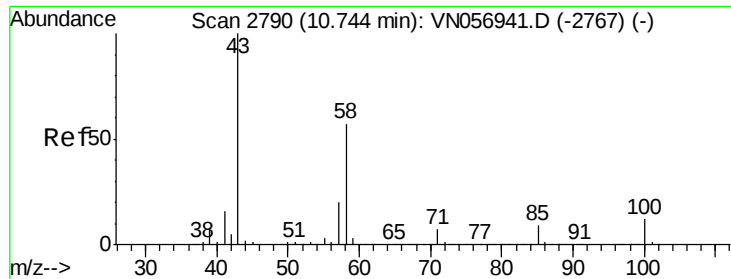
Tot Ion: 76 Resp: 152758
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 72.735 ug/l
 RT: 9.69 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Tgt Ion: 63 Resp: 201691
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.0 33.0

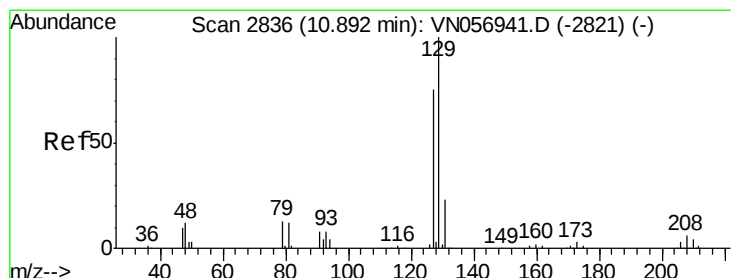
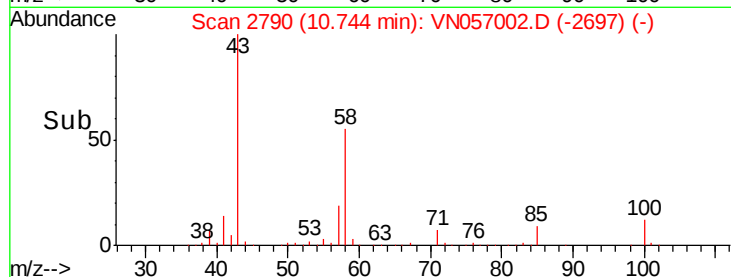
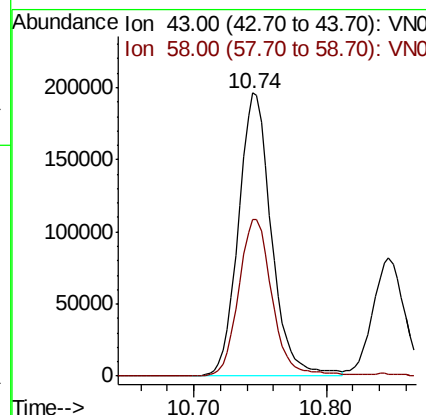
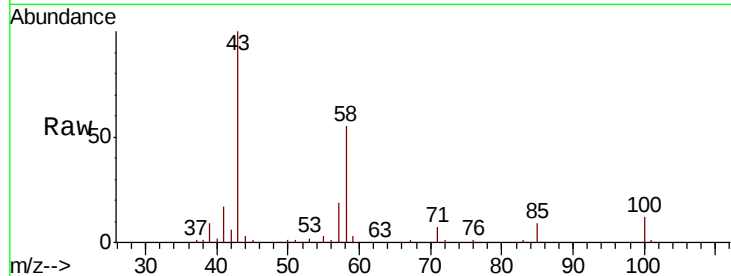




#59
2-Hexanone
Concen: 91.607 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

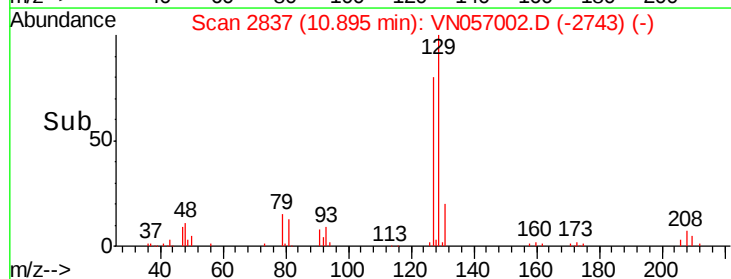
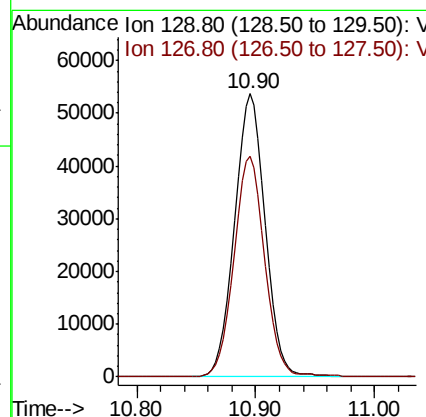
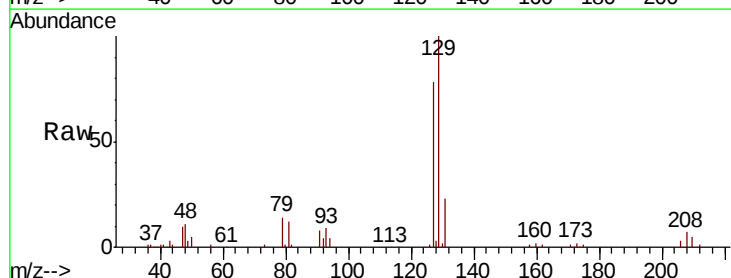
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

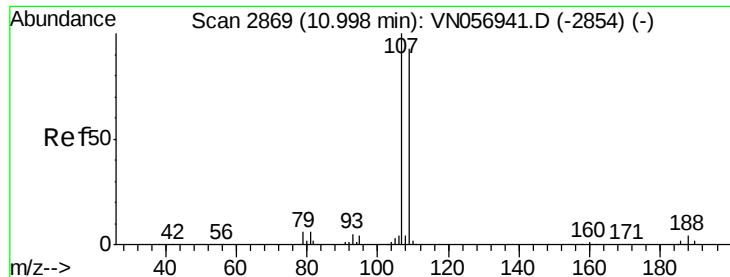
Tot Ion: 43 Resp: 339939
Ion Ratio Lower Upper
43 100
58 56.1 28.5 85.5



#60
Dibromochloromethane
Concen: 20.173 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Tgt Ion: 129 Resp: 95637
Ion Ratio Lower Upper
129 100
127 78.1 38.0 113.9

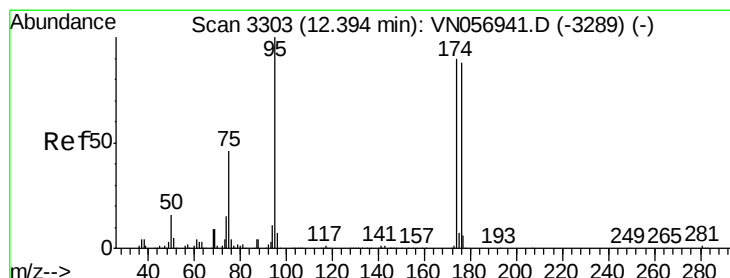
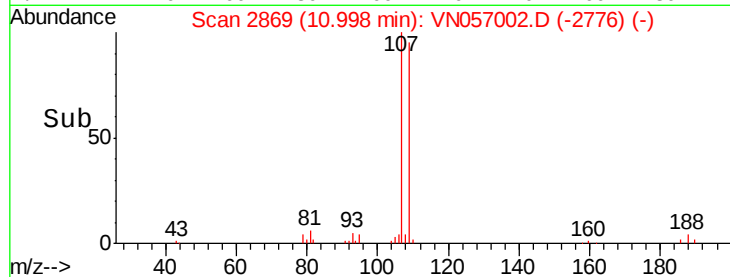
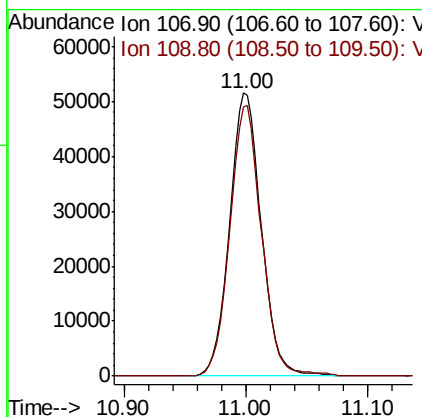
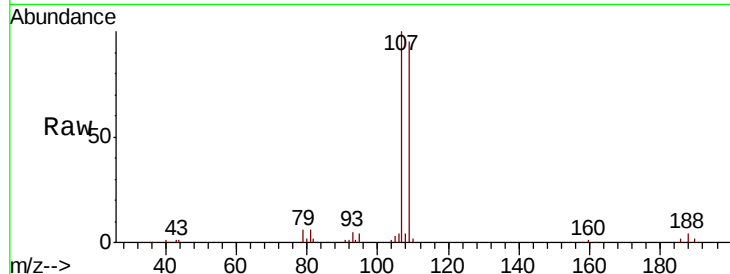




#61
 1,2-Dibromoethane
 Concen: 20.603 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

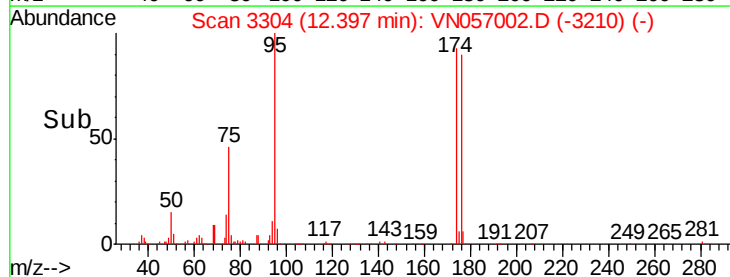
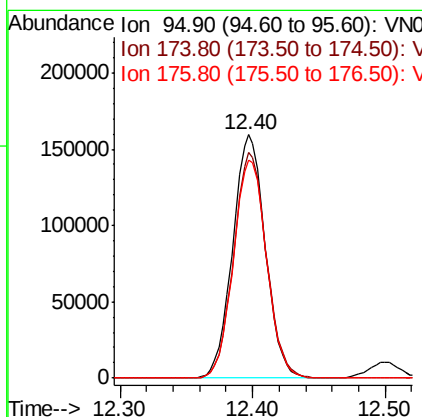
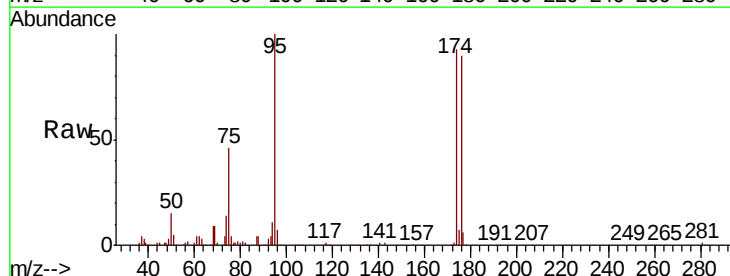
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

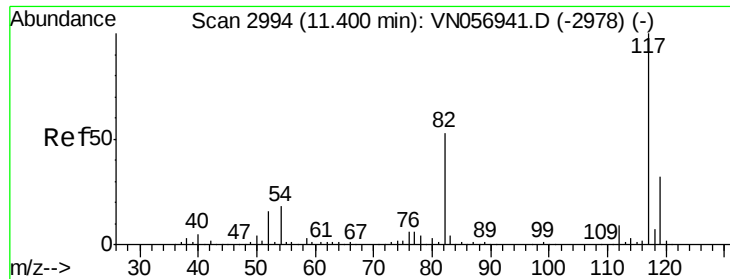
Tot Ion: 107 Resp: 93038
 Ion Ratio Lower Upper
 107 100
 109 95.7 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 48.203 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Tgt Ion: 95 Resp: 271461
 Ion Ratio Lower Upper
 95 100
 174 93.3 0.0 182.2
 176 91.2 0.0 179.4

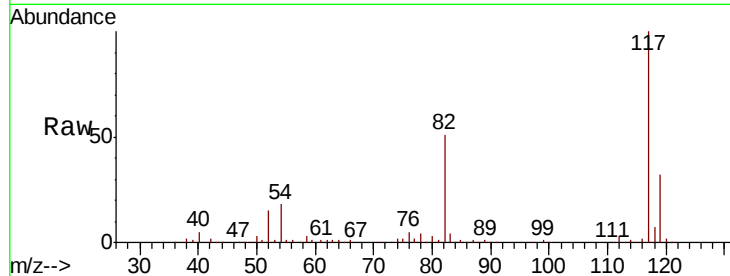




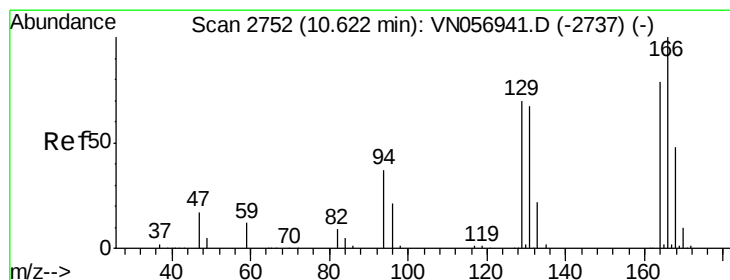
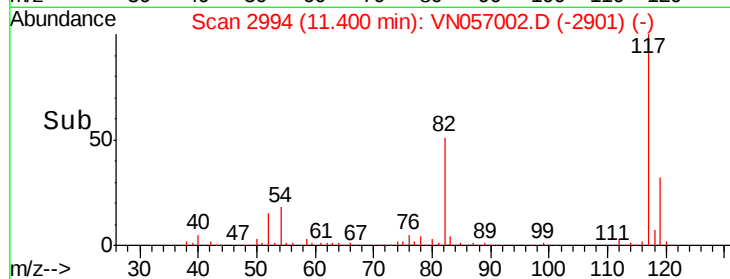
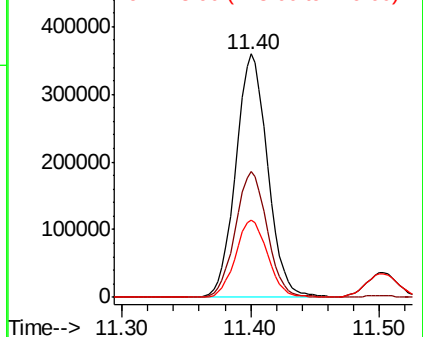
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

Tot Ion:117 Resp: 617290
Ion Ratio Lower Upper
117 100
82 51.5 42.2 63.4
119 32.0 25.8 38.6

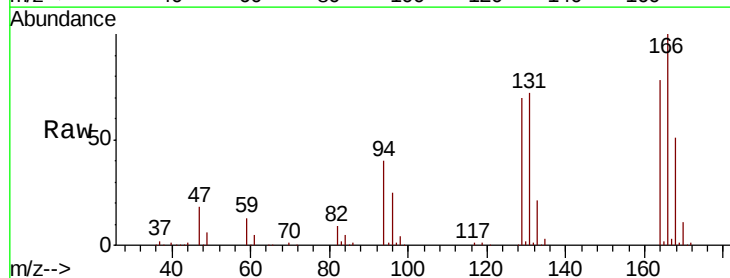


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

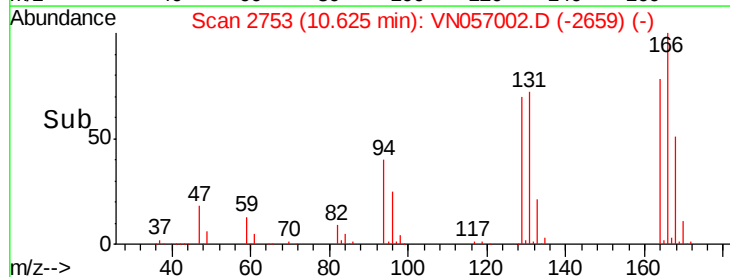
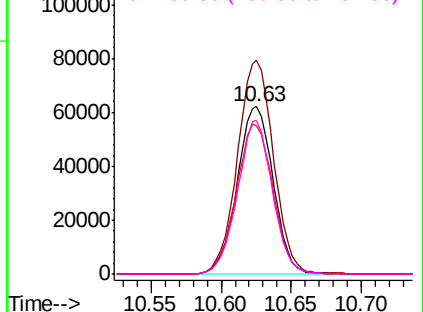


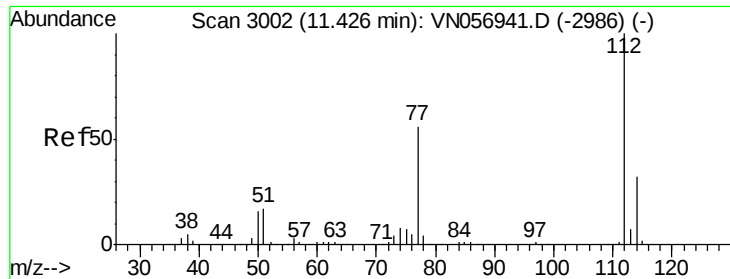
#64
Tetrachloroethene
Concen: 20.910 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Tgt Ion:164 Resp: 111228
Ion Ratio Lower Upper
164 100
166 127.8 101.1 151.7
129 89.2 70.9 106.3
131 92.0 67.7 101.5



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

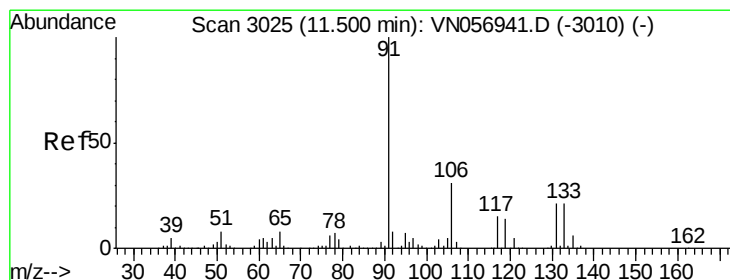
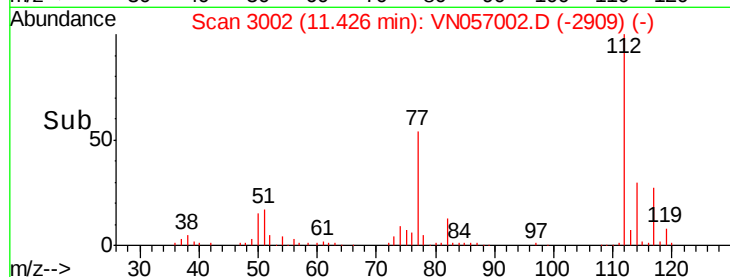
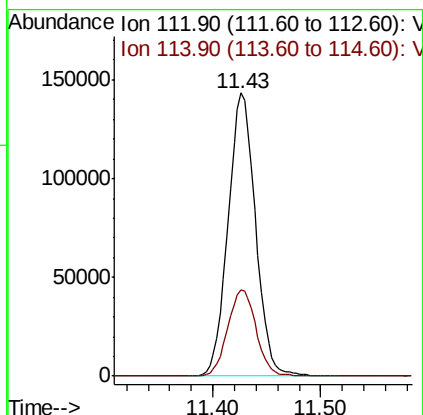
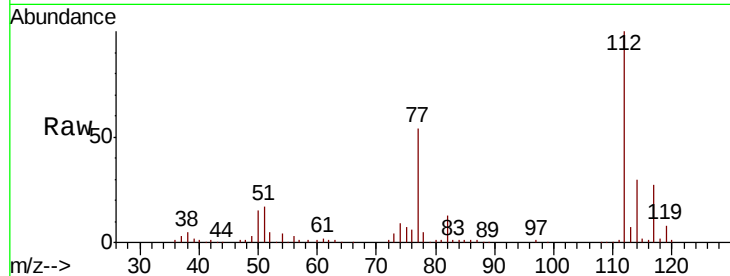




#65
Chlorobenzene
Concen: 20.231 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

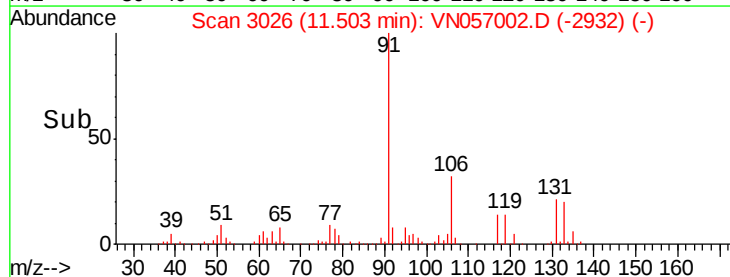
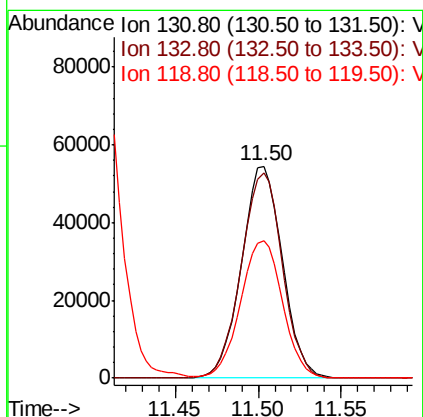
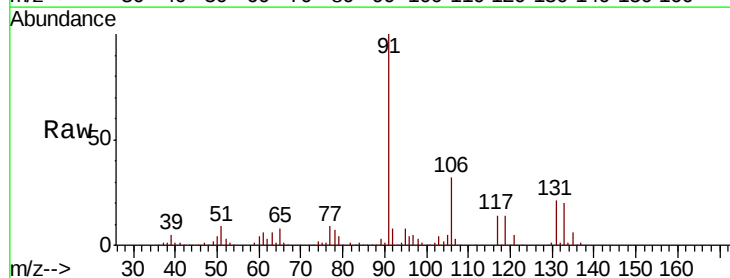
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

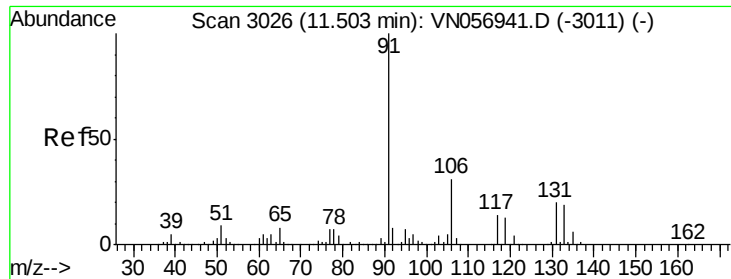
Tot Ion:112 Resp: 254536
Ion Ratio Lower Upper
112 100
114 30.3 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.758 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Tgt Ion:131 Resp: 93561
Ion Ratio Lower Upper
131 100
133 97.7 48.0 144.0
119 66.7 33.2 99.6





#67

Ethyl Benzene

Concen: 20.000 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

ClientSampleID :

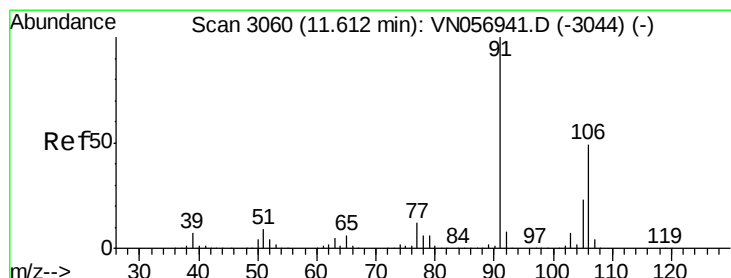
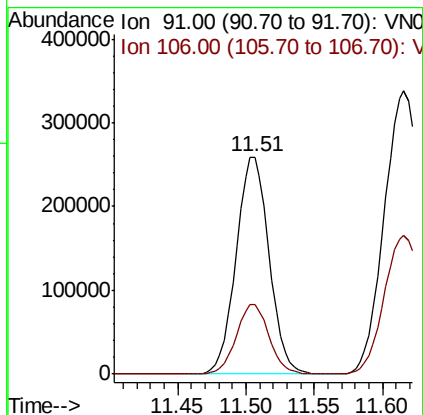
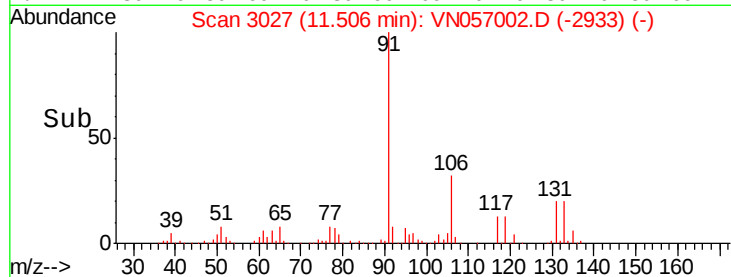
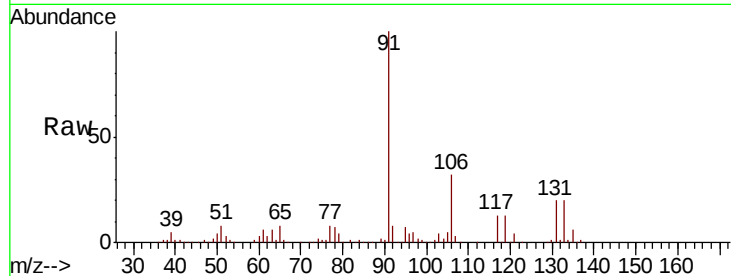
VN0731WBS01

Tot Ion: 91 Resp: 434879

Ion Ratio Lower Upper

91 100

106 32.0 25.1 37.7



#68

m/p-Xylenes

Concen: 40.650 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN057002.D

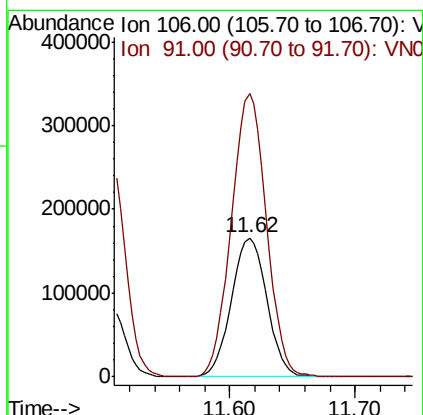
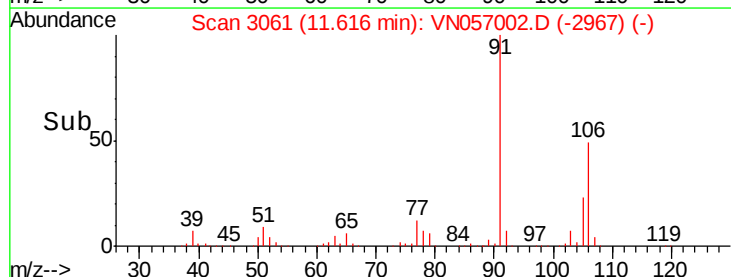
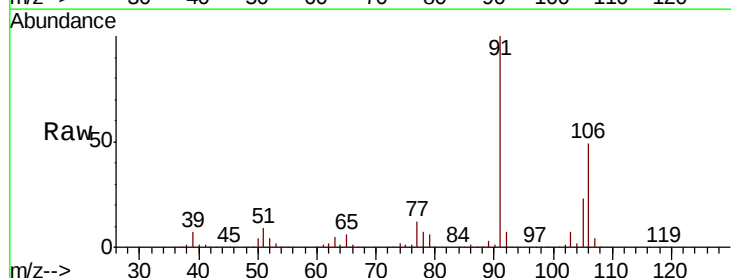
Acq: 31 Jul 2019 10:25

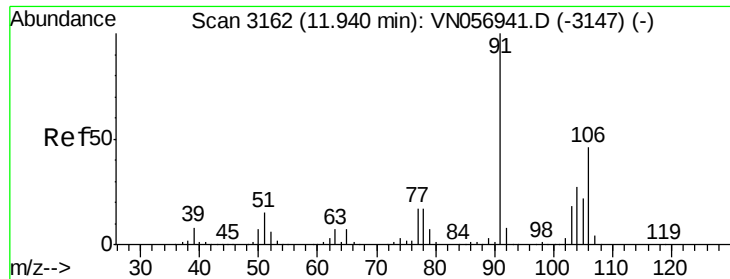
Tgt Ion: 106 Resp: 326211

Ion Ratio Lower Upper

106 100

91 201.6 160.0 240.0

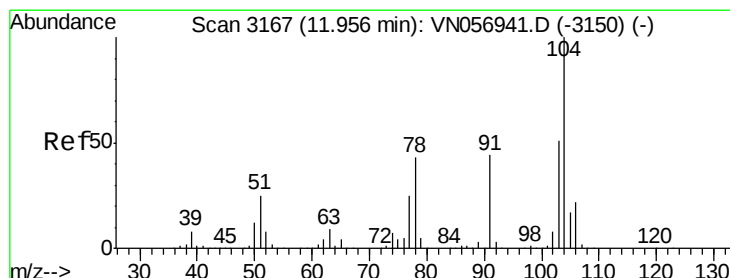
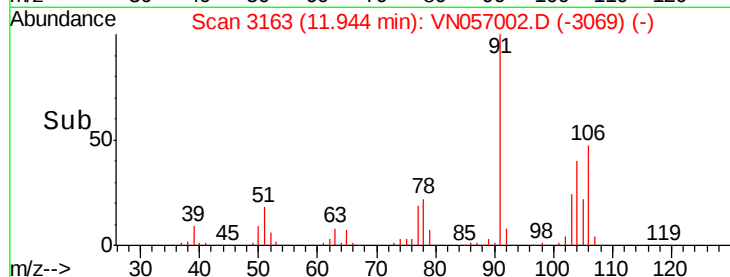
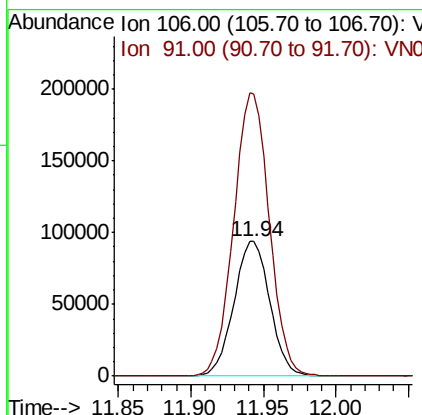
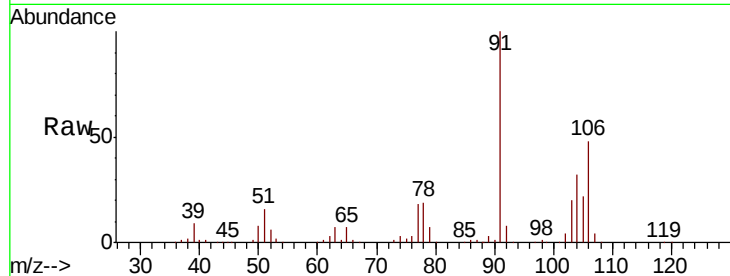




#69
o-Xylene
Concen: 20.570 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

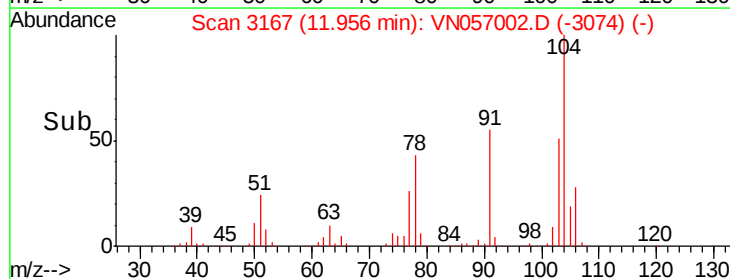
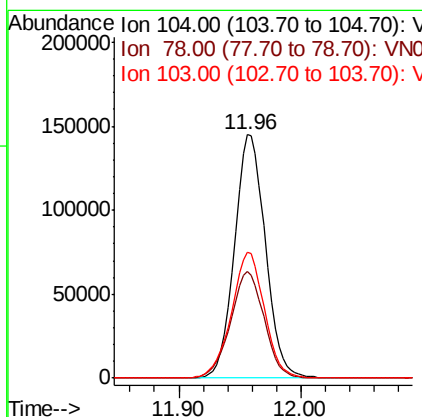
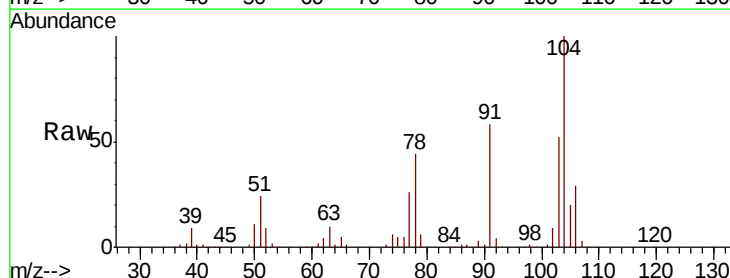
Instrument :
MSVOA_N
ClientSampled :
VN0731WBS01

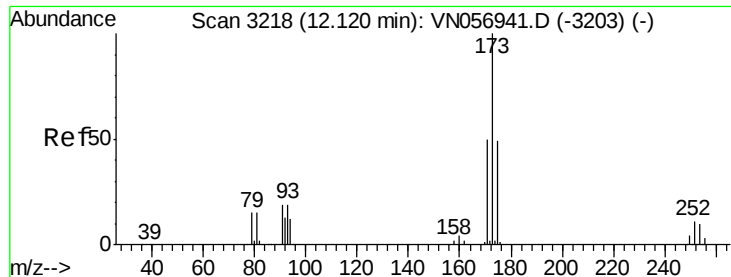
Tot Ion:106 Resp: 161495
Ion Ratio Lower Upper
106 100
91 208.4 106.2 318.6



#70
Styrene
Concen: 19.524 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Tgt Ion:104 Resp: 254530
Ion Ratio Lower Upper
104 100
78 47.8 38.1 57.1
103 55.4 44.3 66.5





#71

Bromoform

Concen: 19.871 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS01

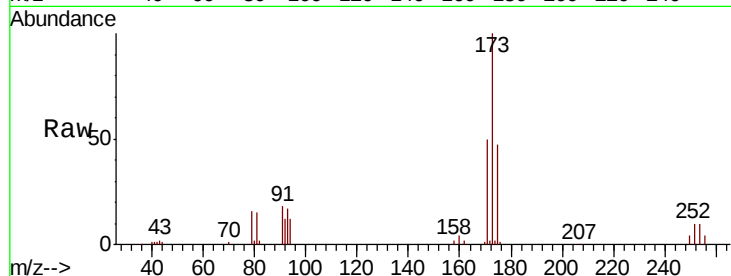
Tot Ion:173 Resp: 65695

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.4

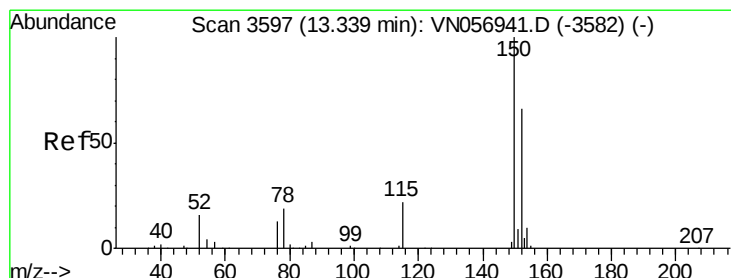
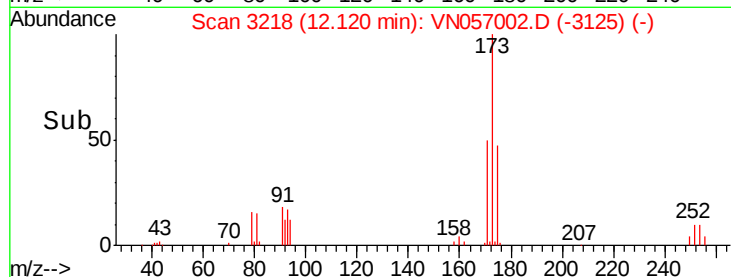
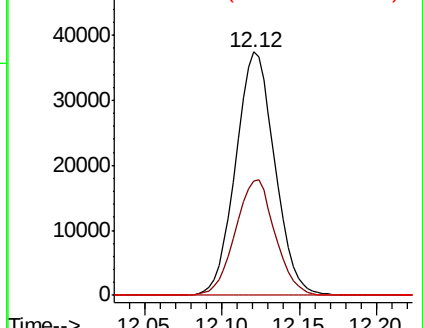
254 0.0 0.1 0.1#



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# 3597

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

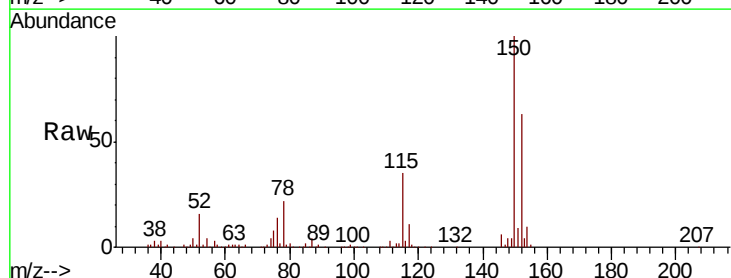
Tgt Ion:152 Resp: 234876

Ion Ratio Lower Upper

152 100

115 55.2 28.2 84.6

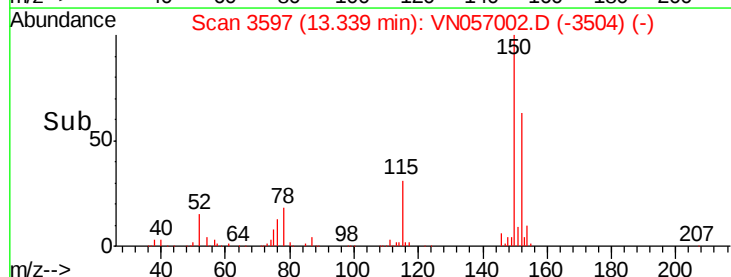
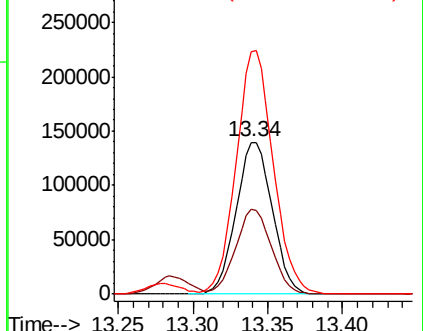
150 164.7 0.0 349.4

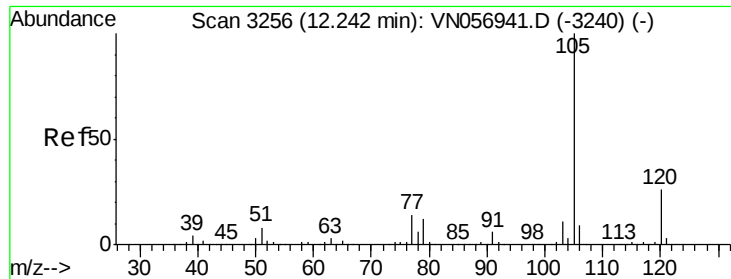


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.110 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

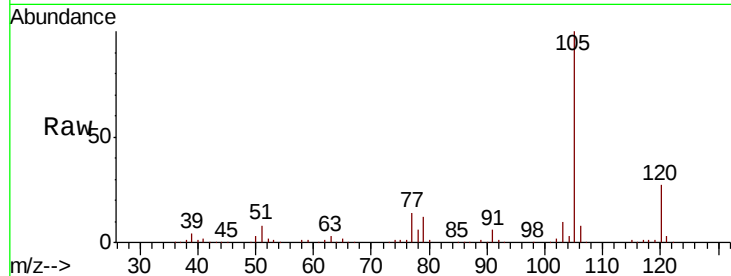
VN0731WBS01

Tot Ion:105 Resp: 428508

Ion Ratio Lower Upper

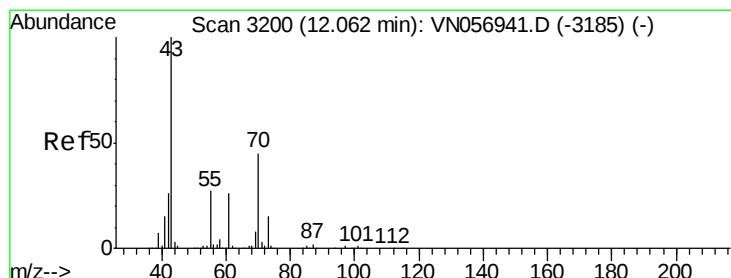
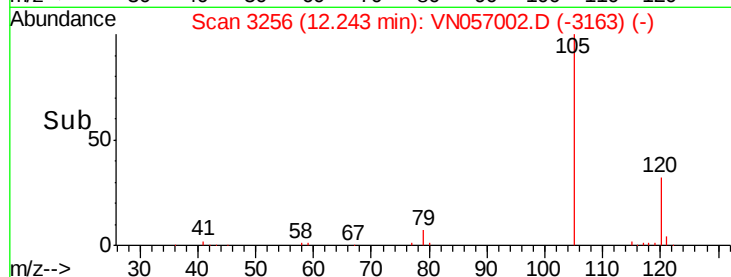
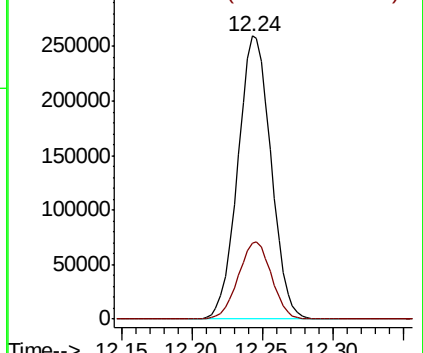
105 100

120 27.2 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.757 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Tgt Ion: 43 Resp: 116451

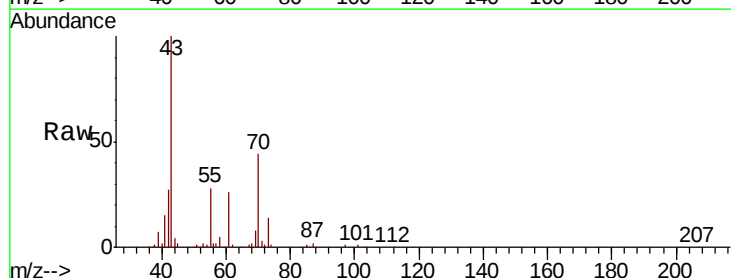
Ion Ratio Lower Upper

43 100

70 45.8 36.5 54.7

55 27.9 21.4 32.0

61 25.0 20.5 30.7

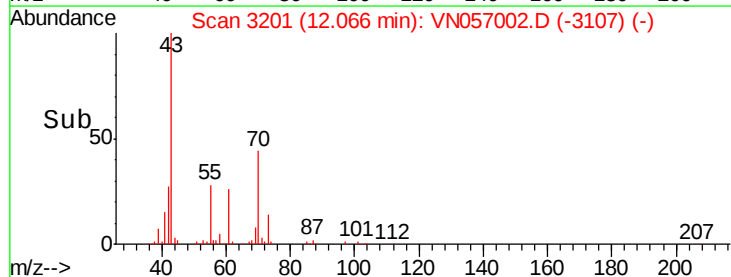
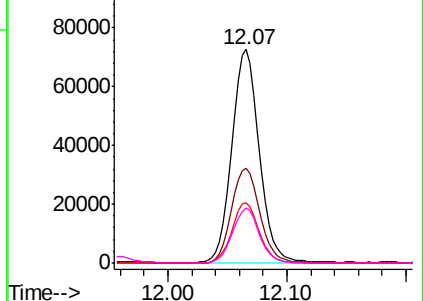


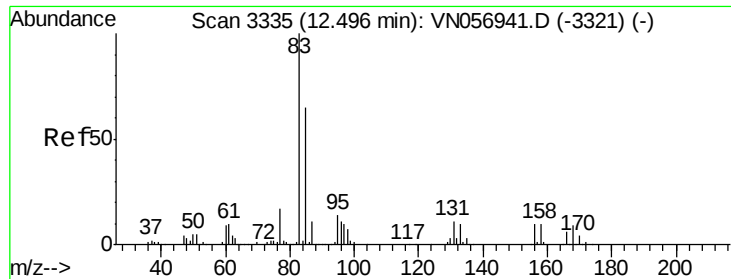
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 21.706 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS01

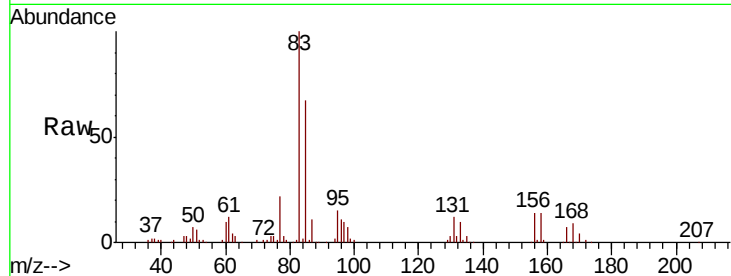
Tot Ion: 83 Resp: 118783

Ion Ratio Lower Upper

83 100

131 11.2 5.3 16.1

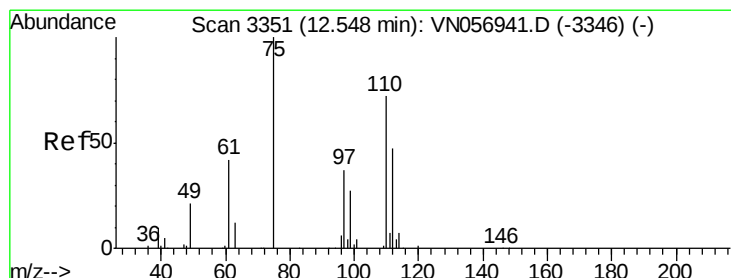
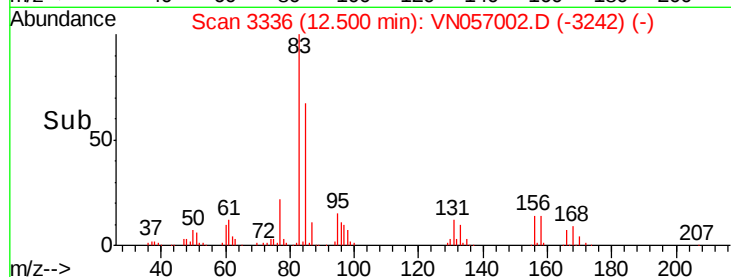
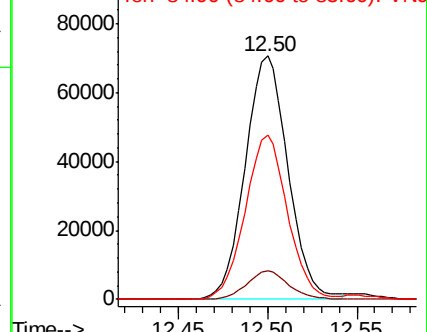
85 66.6 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 28.662 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN057002.D

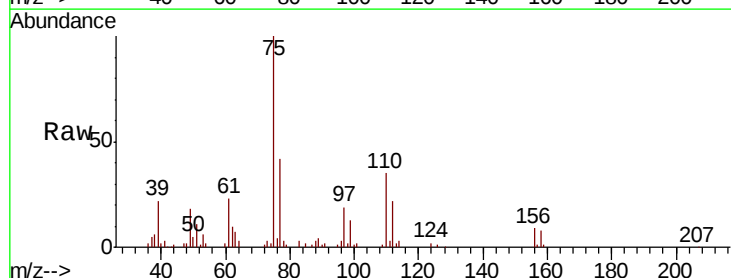
Acq: 31 Jul 2019 10:25

Tgt Ion: 75 Resp: 136717

Ion Ratio Lower Upper

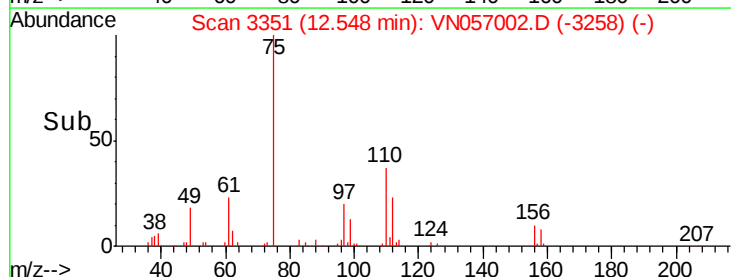
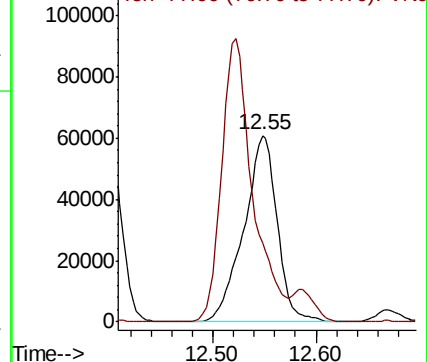
75 100

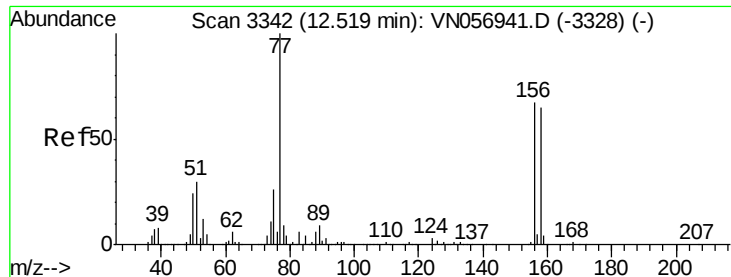
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.522 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS01

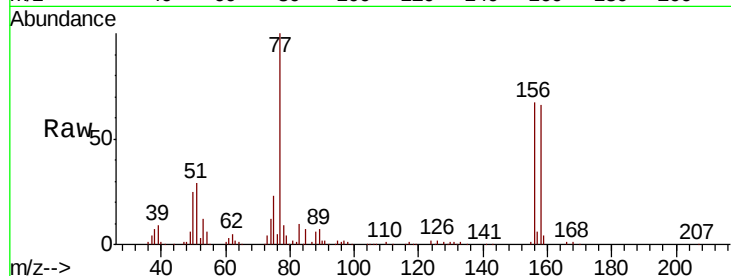
Tot Ion:156 Resp: 108723

Ion Ratio Lower Upper

156 100

77 178.6 89.5 268.5

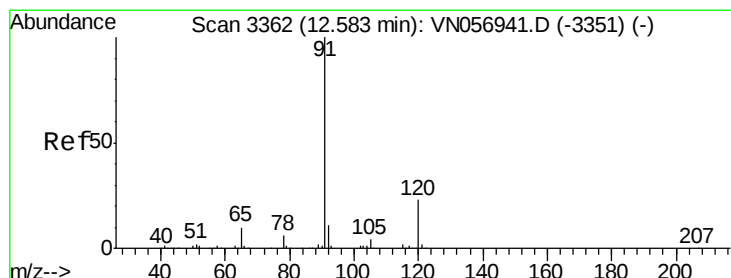
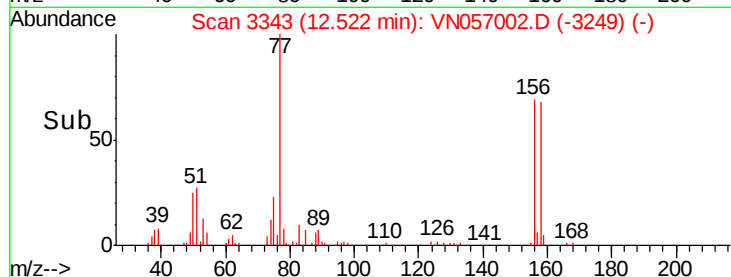
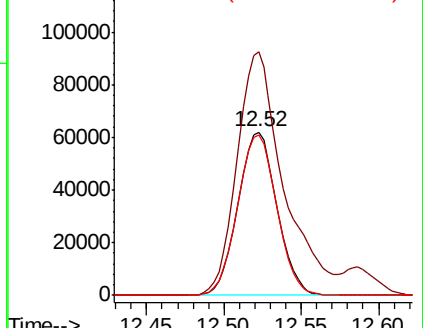
158 98.8 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.488 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN057002.D

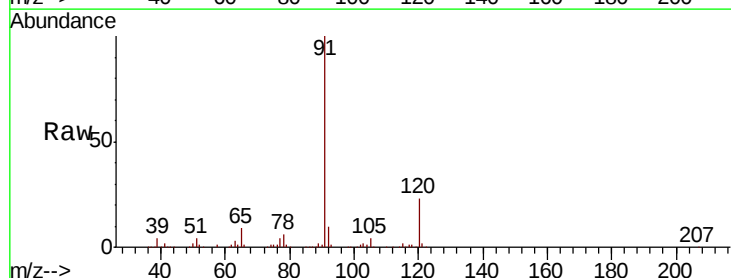
Acq: 31 Jul 2019 10:25

Tgt Ion: 91 Resp: 444055

Ion Ratio Lower Upper

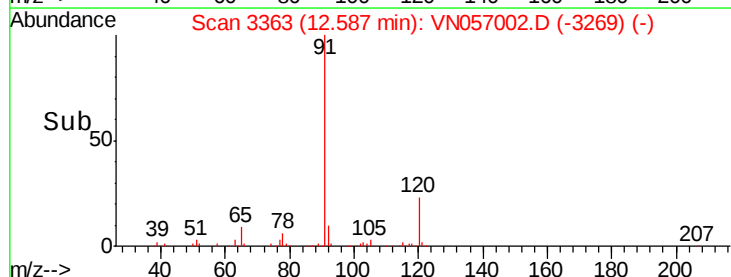
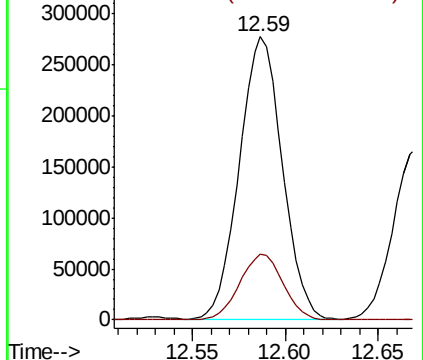
91 100

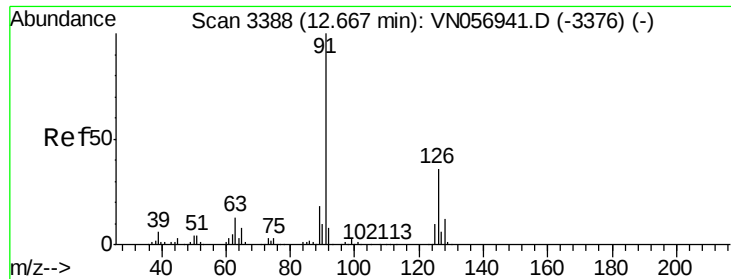
120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

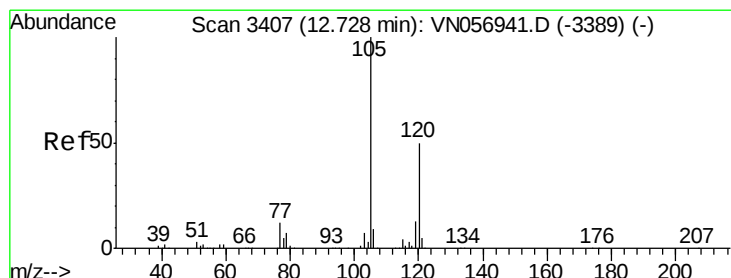
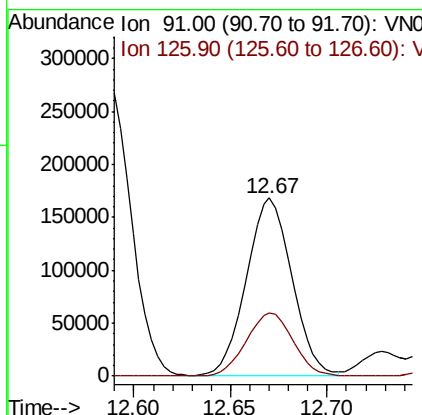
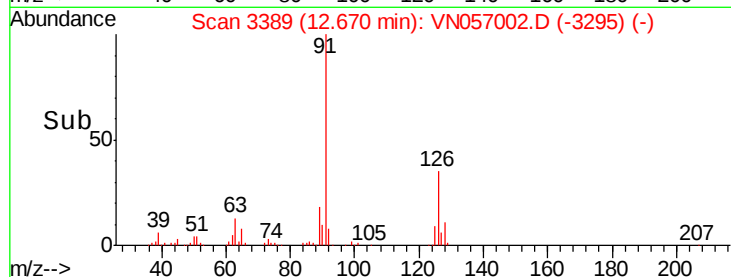
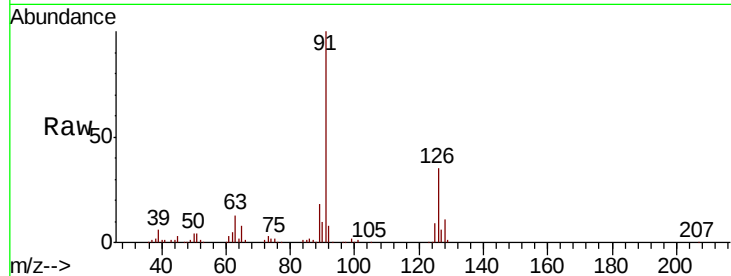




#79
 2-Chlorotoluene
 Concen: 20.571 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

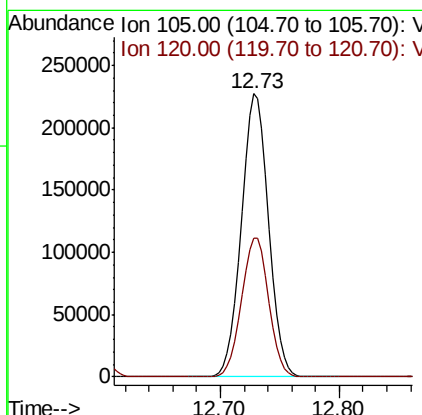
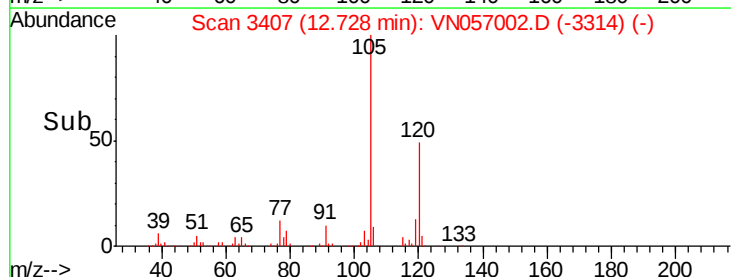
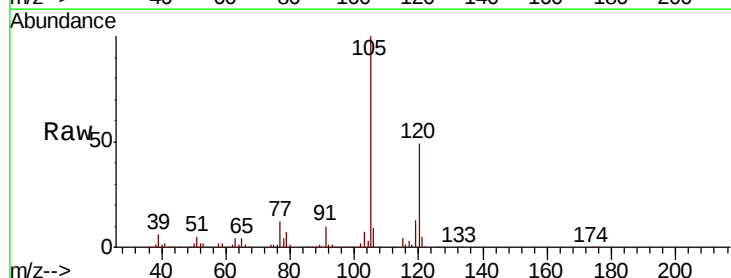
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

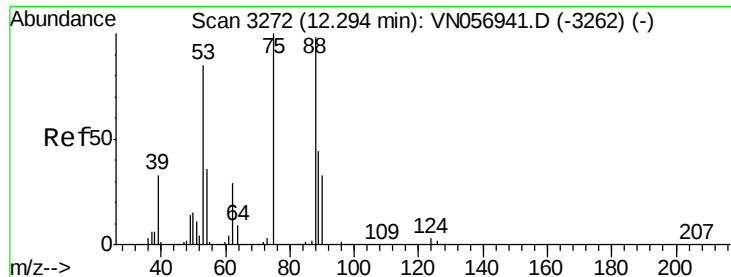
Tot Ion: 91 Resp: 274542
 Ion Ratio Lower Upper
 91 100
 126 36.5 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 21.535 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Tgt Ion: 105 Resp: 358769
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 19.227 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS01

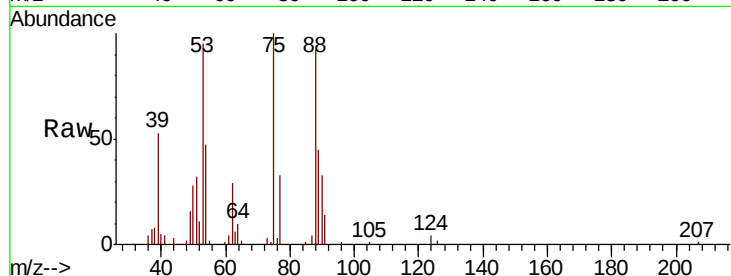
Tot Ion: 75 Resp: 28544

Ion Ratio Lower Upper

75 100

53 97.5 69.3 103.9

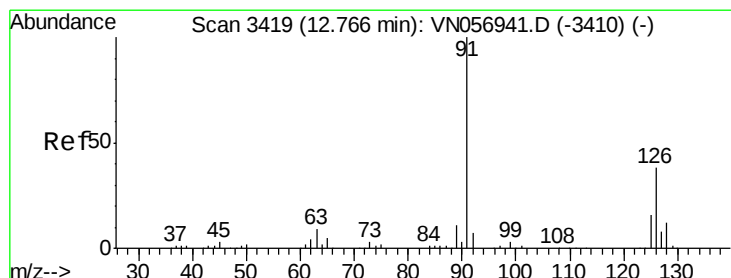
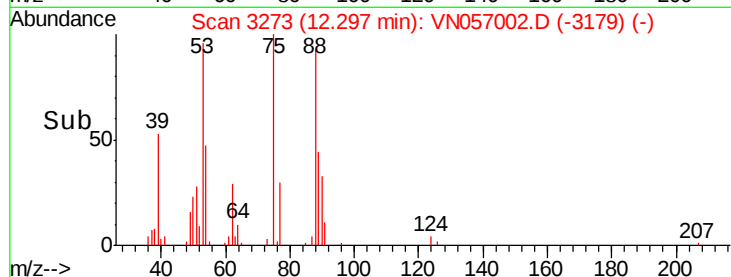
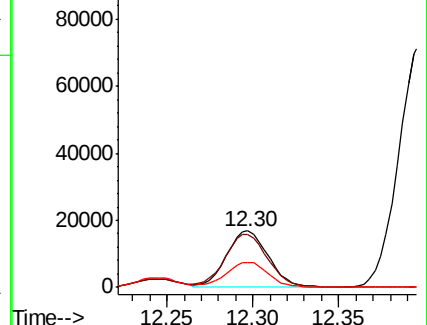
89 45.5 35.8 53.6



Abundance Ion 74.90 (74.60 to 75.60): VN056941.D (-3262) (-)

Ion 53.00 (52.70 to 53.70): VN056941.D (-3262) (-)

Ion 88.90 (88.60 to 89.60): VN056941.D (-3262) (-)



#82

4-Chlorotoluene

Concen: 20.490 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN057002.D

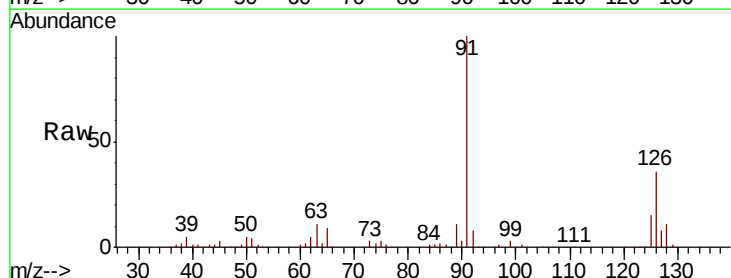
Acq: 31 Jul 2019 10:25

Tgt Ion: 91 Resp: 255904

Ion Ratio Lower Upper

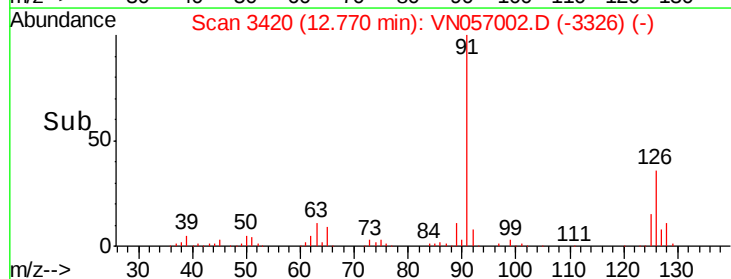
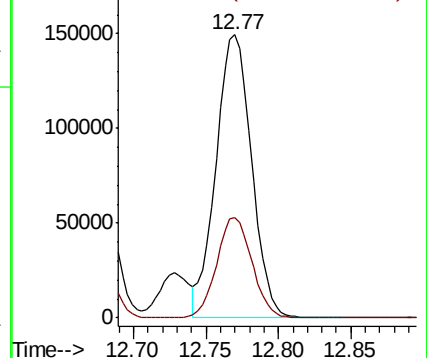
91 100

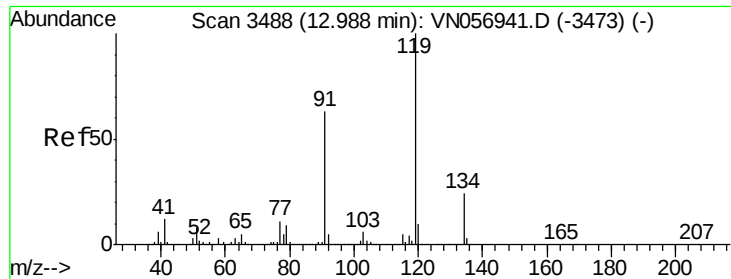
126 35.1 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN056941.D (-3410) (-)

Ion 125.90 (125.60 to 126.60): VN056941.D (-3410) (-)

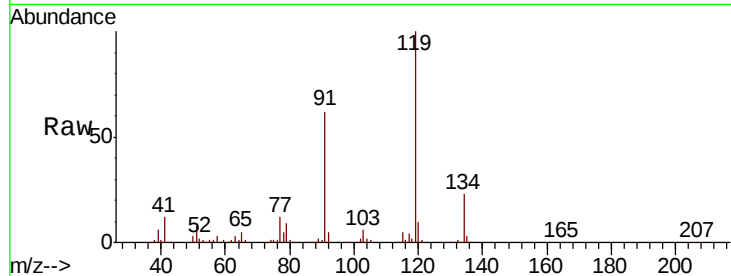




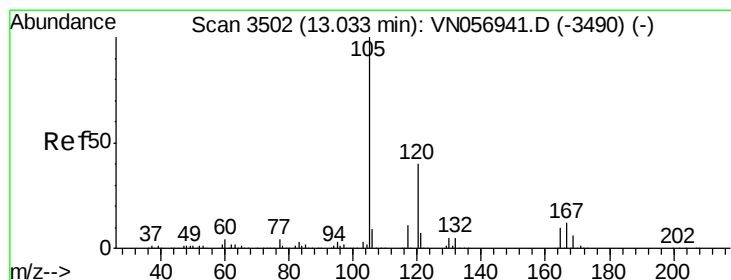
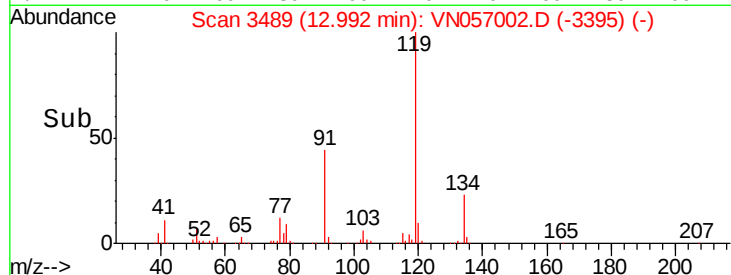
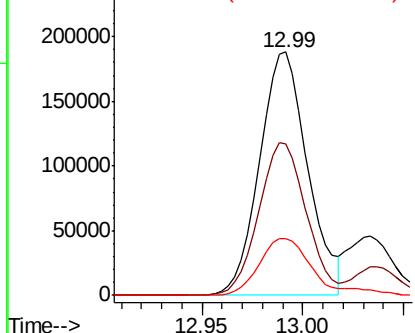
#83
tert-Butylbenzene
Concen: 21.233 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

Tot Ion:119 Resp: 313148
Ion Ratio Lower Upper
119 100
91 61.8 31.3 93.8
134 26.2 13.3 39.8

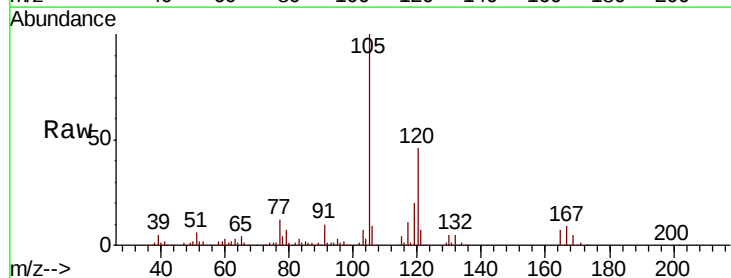


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

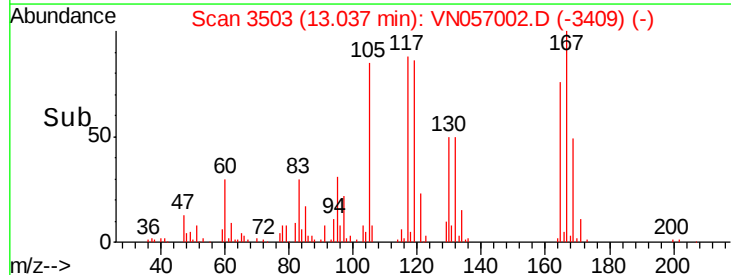
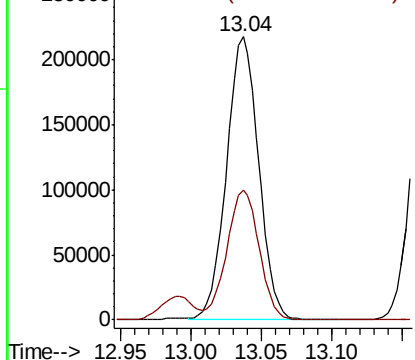


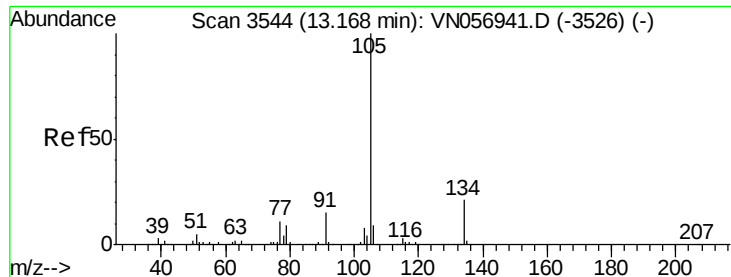
#84
1,2,4-Trimethylbenzene
Concen: 21.612 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN057002.D
Acq: 31 Jul 2019 10:25

Tgt Ion:105 Resp: 346454
Ion Ratio Lower Upper
105 100
120 46.2 23.2 69.6



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





#85

sec-Butylbenzene

Concen: 20.747 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

ClientSampled :

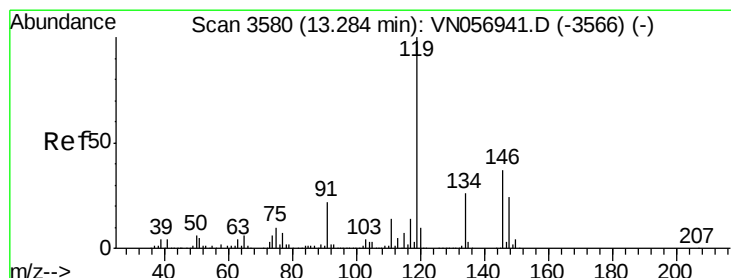
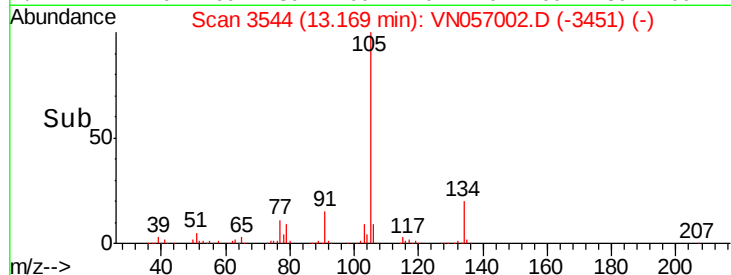
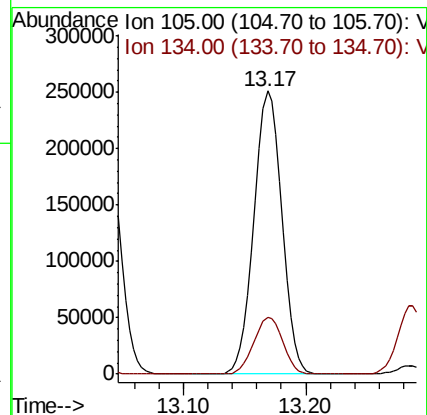
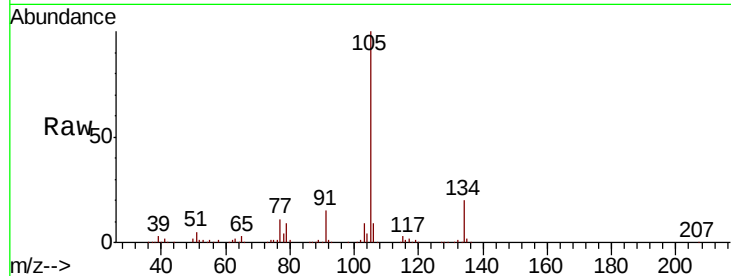
VN0731WBS01

Tot Ion:105 Resp: 394683

Ion Ratio Lower Upper

105 100

134 20.7 10.3 30.8



#86

p-Isopropyltoluene

Concen: 20.934 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

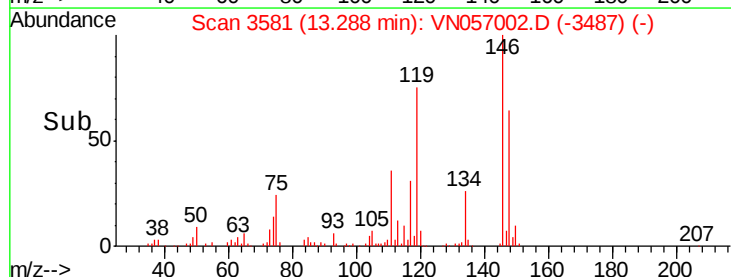
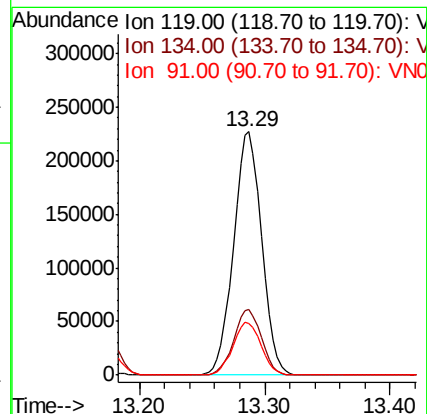
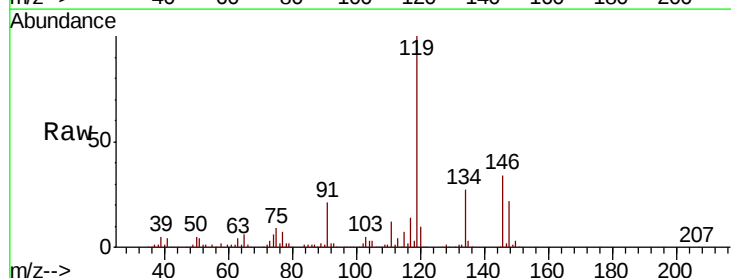
Tgt Ion:119 Resp: 353557

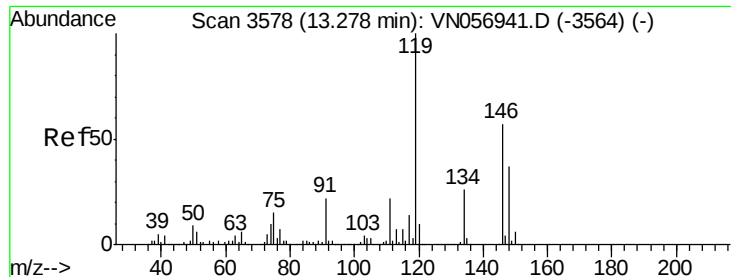
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 22.0 11.0 33.0

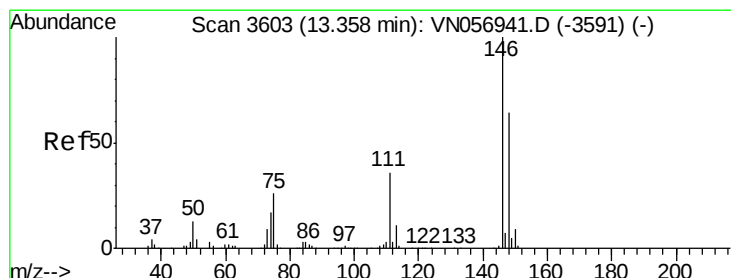
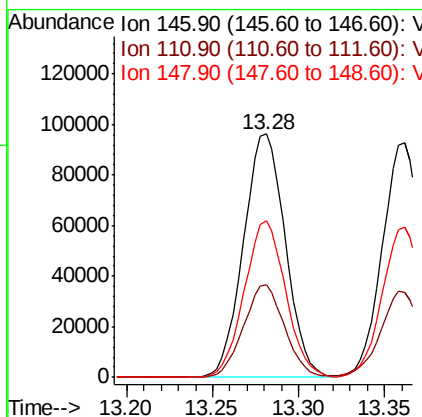
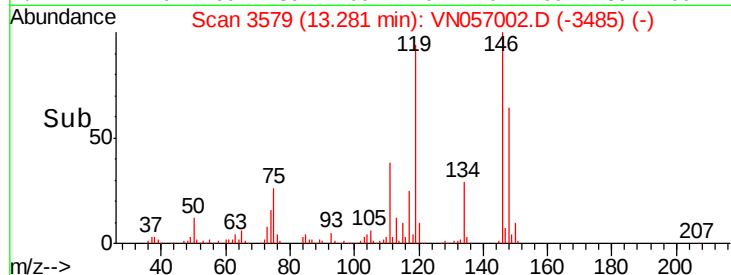
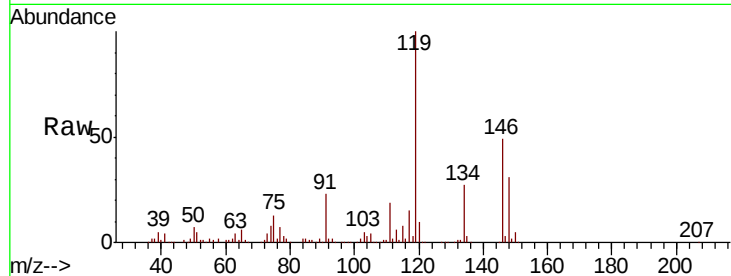




#87
 1,3-Dichlorobenzene
 Concen: 20.150 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

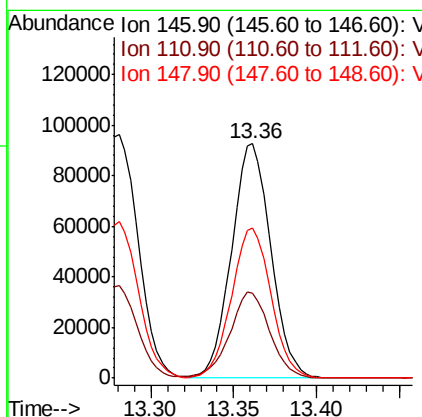
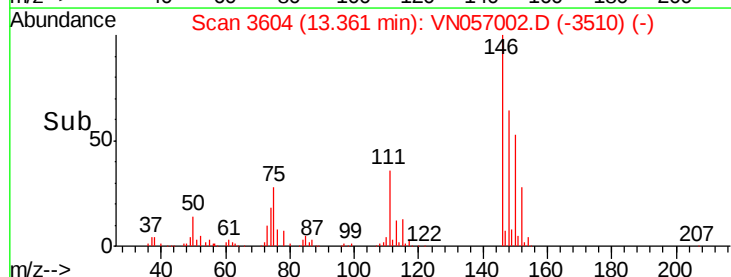
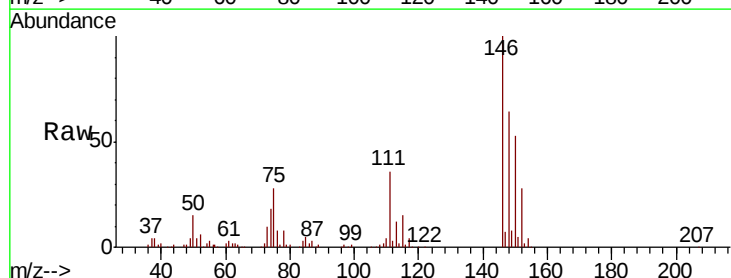
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

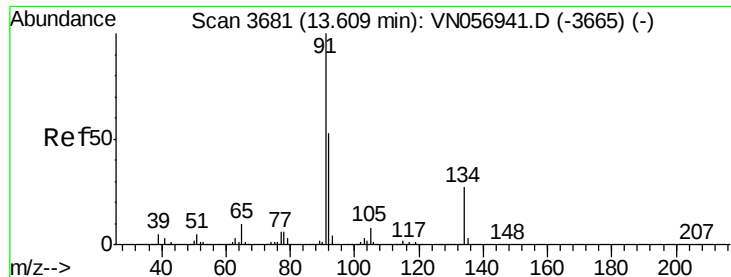
Tot Ion:146 Resp: 162384
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.6 55.8
 148 63.5 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.691 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Tgt Ion:146 Resp: 152762
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.4 55.2
 148 64.3 32.3 96.9





#89

n-Butylbenzene

Concen: 19.817 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBS01

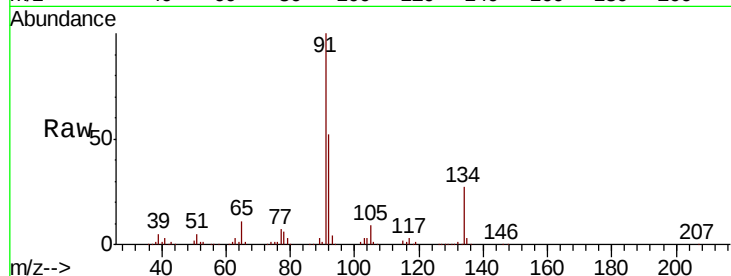
Tot Ion: 91 Resp: 257951

Ion Ratio Lower Upper

91 100

92 52.0 26.2 78.5

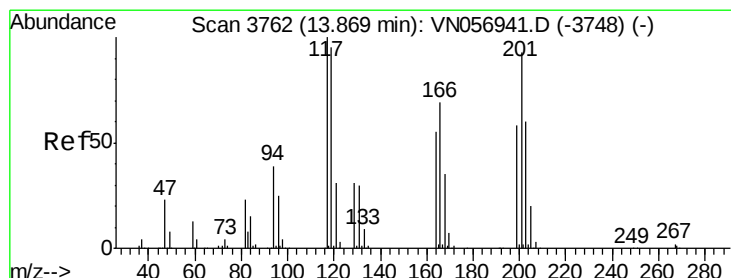
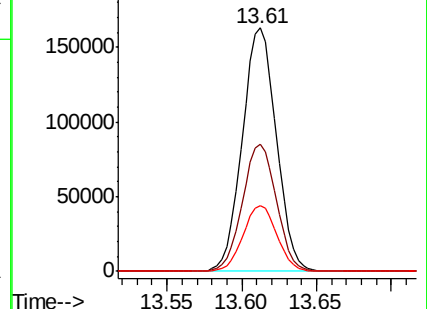
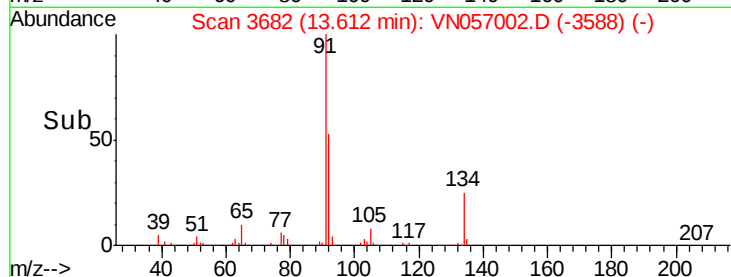
134 27.0 13.5 40.4



Abundance Ion 91.00 (90.70 to 91.70): VN056941.D (-3665) (-)

Ion 92.00 (91.70 to 92.70): VN056941.D (-3665) (-)

Ion 134.00 (133.70 to 134.70): VN056941.D (-3665) (-)



#90

Hexachloroethane

Concen: 19.954 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN057002.D

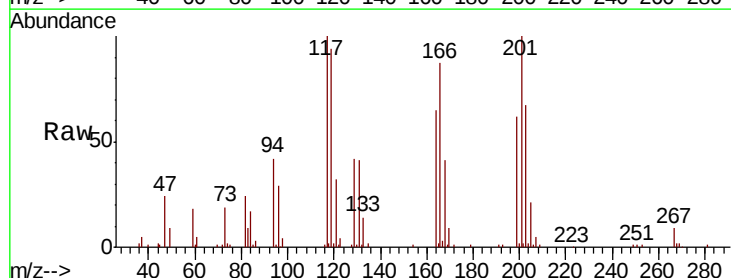
Acq: 31 Jul 2019 10:25

Tgt Ion: 117 Resp: 58030

Ion Ratio Lower Upper

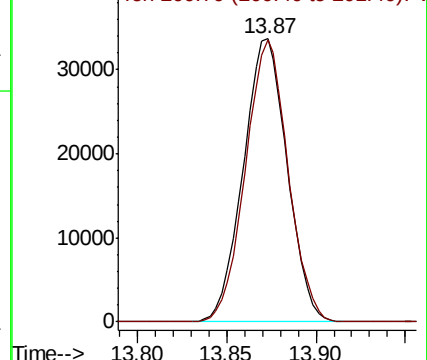
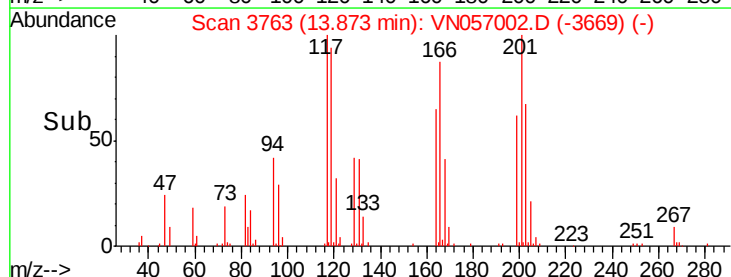
117 100

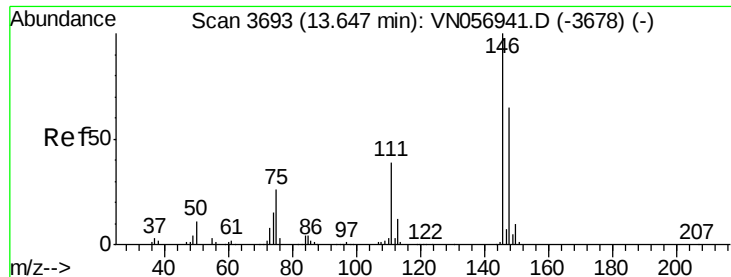
201 96.5 47.0 141.2



Abundance Ion 116.80 (116.50 to 117.50): VN056941.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN056941.D (-3748) (-)





#91

1,2-Dichlorobenzene

Concen: 20.947 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

ClientSampled :

VN0731WBS01

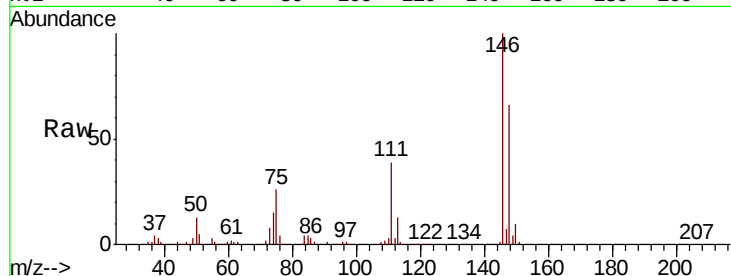
Tot Ion:146 Resp: 166138

Ion Ratio Lower Upper

146 100

111 39.1 19.4 58.4

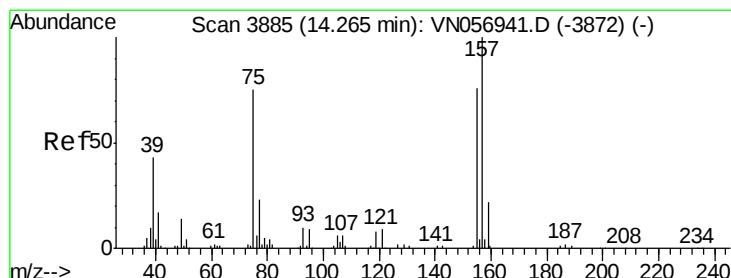
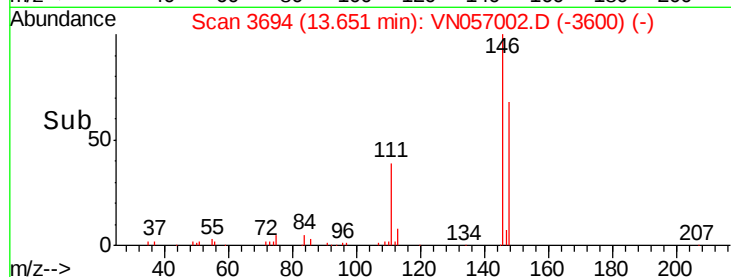
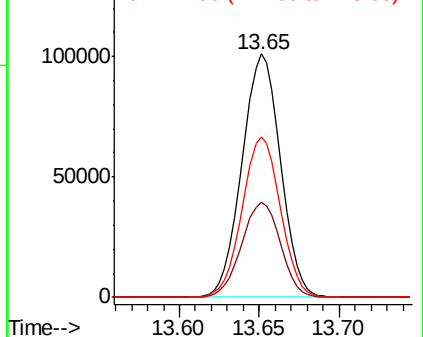
148 65.6 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.814 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

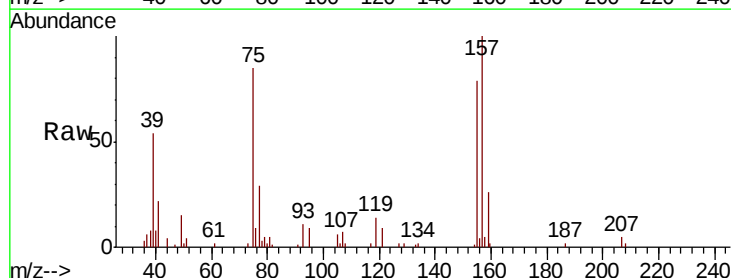
Tgt Ion: 75 Resp: 15997

Ion Ratio Lower Upper

75 100

155 99.5 50.2 150.6

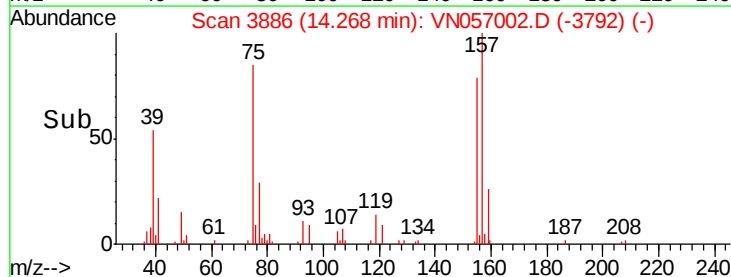
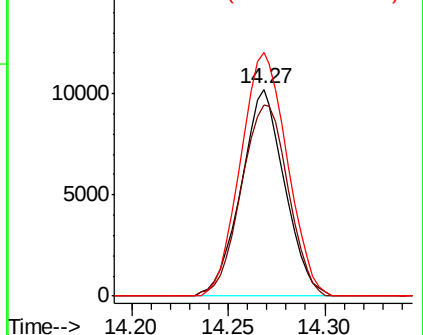
157 126.0 65.1 195.4

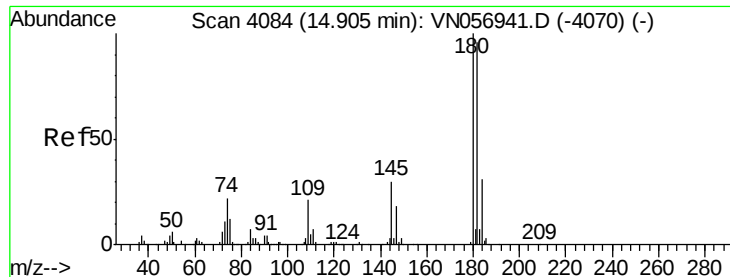


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

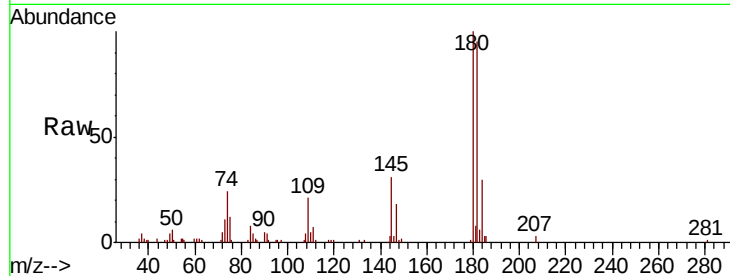




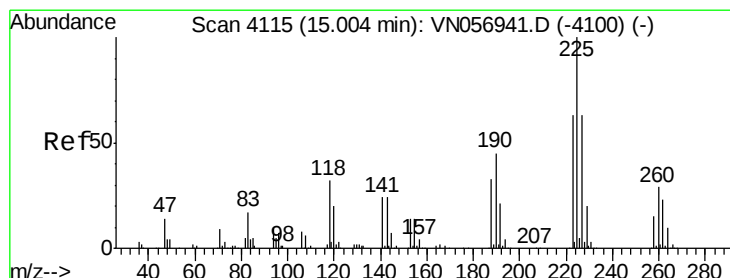
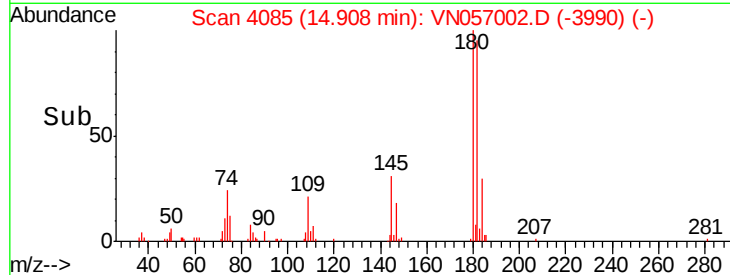
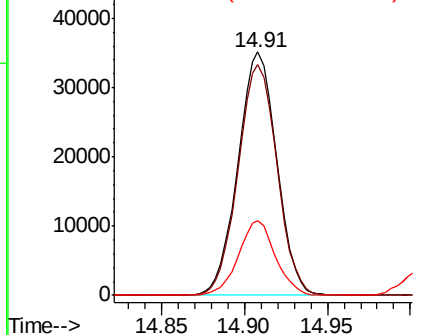
#93
 1,2,4-Trichlorobenzene
 Concen: 15.907 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

Tot Ion:180 Resp: 57087
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.6 142.8
 145 29.0 14.2 42.8

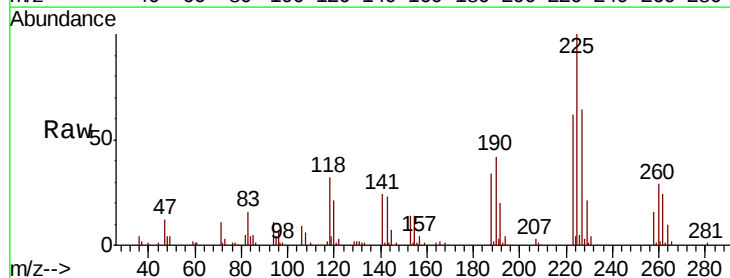


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

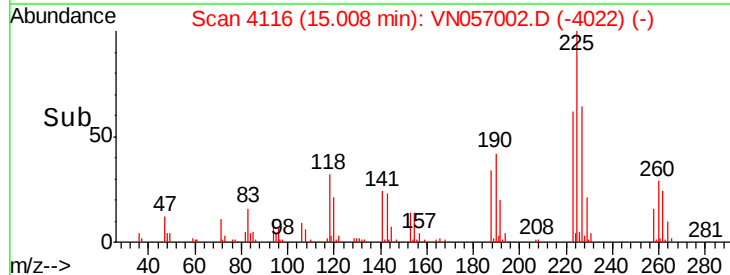
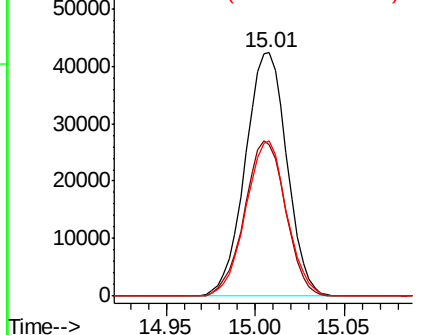


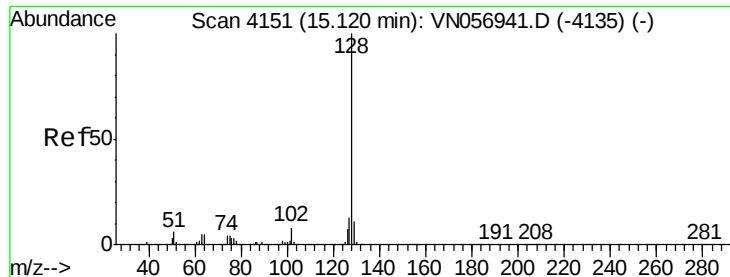
#94
 Hexachlorobutadiene
 Concen: 23.160 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN057002.D
 Acq: 31 Jul 2019 10:25

Tgt Ion:225 Resp: 69104
 Ion Ratio Lower Upper
 225 100
 223 62.6 30.8 92.4
 227 62.3 31.1 93.5



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: 16.335 ug/l

RT: 15.12 min Scan# 4152

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

Instrument :

MSVOA_N

ClientSampled :

VN0731WBS01

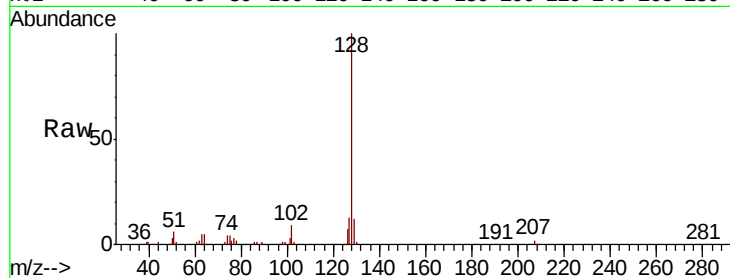
Tot Ion:128 Resp: 137041

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

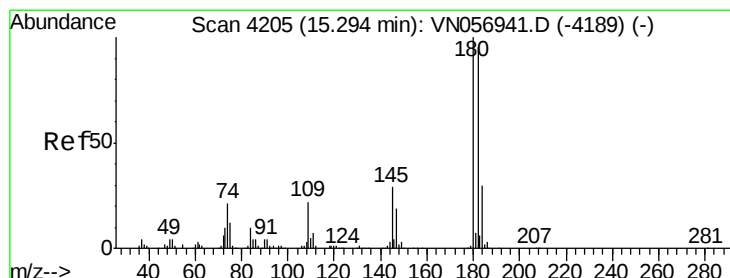
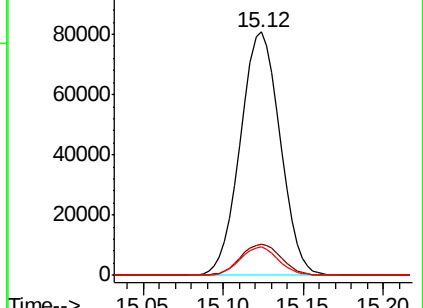
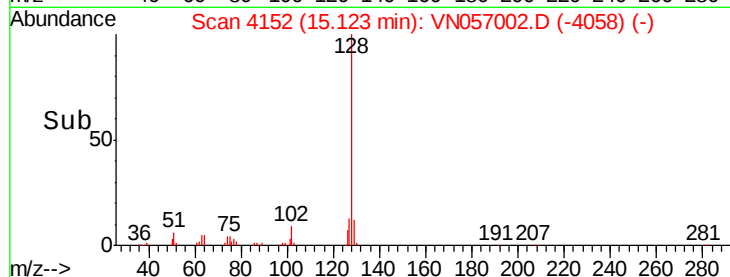
129 11.1 8.7 13.1



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: 17.614 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. 0.00 min

Lab File: VN057002.D

Acq: 31 Jul 2019 10:25

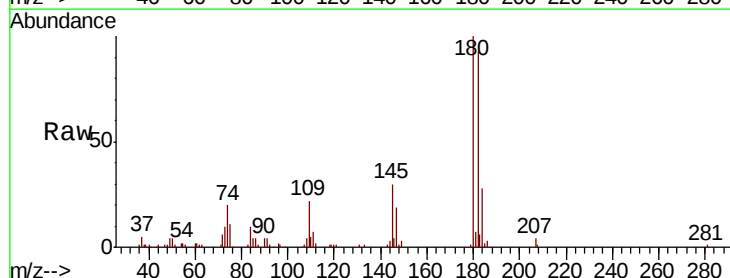
Tgt Ion:180 Resp: 67104

Ion Ratio Lower Upper

180 100

182 93.5 48.0 144.2

145 29.9 15.0 45.0



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

