

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072719\
 Data File : VN056952.D
 Acq On : 26 Jul 2019 19:39
 Operator : JC/SP
 Sample : VN0727WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01

Quant Time: Jul 27 00:56:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:47:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	560007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	857985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	740072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	285582	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	315010	54.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.90%	
35) Dibromofluoromethane	7.58	113	291748	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
50) Toluene-d8	10.08	98	1088987	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
62) 4-Bromofluorobenzene	12.39	95	336016	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	118304	20.897	ug/l	100
3) Chloromethane	2.05	50	148096	21.846	ug/l	100
4) Vinyl Chloride	2.18	62	131615	20.705	ug/l	97
5) Bromomethane	2.55	94	80882	20.467	ug/l	97
6) Chloroethane	2.69	64	72656	20.735	ug/l	98
7) Trichlorofluoromethane	3.00	101	172296	20.706	ug/l	100
8) Diethyl Ether	3.40	74	65068	20.894	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	100018	19.387	ug/l	100
10) Methyl Iodide	3.94	142	115129	16.701	ug/l	100
11) Tert butyl alcohol	4.77	59	78761	101.647	ug/l	98
12) 1,1-Dichloroethene	3.72	96	102343	20.791	ug/l	99
13) Acrolein	3.59	56	33613	82.889	ug/l	97
14) Allyl chloride	4.31	41	159610	19.934	ug/l	98
15) Acrylonitrile	4.97	53	240557	105.866	ug/l	100
16) Acetone	3.80	43	181338	87.318	ug/l	99
17) Carbon Disulfide	4.04	76	255851	19.560	ug/l	99
18) Methyl Acetate	4.31	43	133146	20.098	ug/l	99
19) Methyl tert-butyl Ether	5.03	73	306300	20.869	ug/l	98
20) Methylene Chloride	4.54	84	119118	19.912	ug/l	98
21) trans-1,2-Dichloroethene	5.02	96	107696	20.601	ug/l	96
22) Diisopropyl ether	5.93	45	353869	21.450	ug/l	98
23) Vinyl Acetate	5.88	43	1191650	104.250	ug/l	99
24) 1,1-Dichloroethane	5.83	63	201104	20.660	ug/l	98
25) 2-Butanone	6.82	43	290312	98.584	ug/l	98
26) 2,2-Dichloropropane	6.81	77	137067	18.519	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	128332	20.755	ug/l	97
28) Bromochloromethane	7.18	49	103269	22.571	ug/l	97
29) Tetrahydrofuran	7.20	42	202001	105.135	ug/l	99
30) Chloroform	7.36	83	200182	20.114	ug/l	99
31) Cyclohexane	7.64	56	181484	19.267	ug/l	93
32) 1,1,1-Trichloroethane	7.56	97	164062	20.661	ug/l	98
36) 1,1-Dichloropropene	7.78	75	147775	19.574	ug/l	98
37) Ethyl Acetate	6.91	43	119647	19.787	ug/l	98
38) Carbon Tetrachloride	7.76	117	142245	19.919	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	174647	18.100	ug/l	96
40) Benzene	8.03	78	464168	19.961	ug/l	100
41) Methacrylonitrile	7.19	41	178446	63.838	ug/l #	12
42) 1,2-Dichloroethane	8.11	62	143643	19.710	ug/l	99
43) Isopropyl Acetate	8.15	43	200653	20.077	ug/l #	91
44) Trichloroethene	8.82	130	126205	19.700	ug/l	100
45) 1,2-Dichloropropane	9.11	63	123616	19.875	ug/l	98
46) Dibromomethane	9.20	93	77207	20.583	ug/l	100
47) Bromodichloromethane	9.39	83	147359	19.982	ug/l	98
48) Methyl methacrylate	9.19	41	98135	20.339	ug/l	99
49) 1,4-Dioxane	9.19	88	40070	402.978	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	602499	101.464	ug/l	99
52) Toluene	10.15	92	279765	20.025	ug/l	97
53) t-1,3-Dichloropropene	10.37	75	147873	19.323	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	174757	19.640	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	114001	20.347	ug/l	99
56) Ethyl methacrylate	10.42	69	150633	18.937	ug/l	99
57) 1,3-Dichloropropane	10.70	76	185898	20.009	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	314663	93.721	ug/l	99
59) 2-Hexanone	10.74	43	402919	89.729	ug/l	100
60) Dibromochloromethane	10.90	129	116750	20.339	ug/l	99
61) 1,2-Dibromoethane	11.00	107	111676	20.425	ug/l	99
64) Tetrachloroethene	10.62	164	126310	19.805	ug/l	99
65) Chlorobenzene	11.43	112	298500	19.790	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	115075	20.269	ug/l	98
67) Ethyl Benzene	11.50	91	512800	19.671	ug/l	98
68) m/p-Xylenes	11.61	106	387595	40.286	ug/l	100
69) o-Xylene	11.94	106	188545	20.031	ug/l	99
70) Styrene	11.96	104	300575	19.259	ug/l	100
71) Bromoform	12.12	173	77951	19.666	ug/l #	99
73) Isopropylbenzene	12.24	105	502415	20.356	ug/l	100
74) N-amyl acetate	12.06	43	138712	19.356	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	143474	21.545	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	164499	28.363	ug/l #	100
77) Bromobenzene	12.52	156	128384	19.930	ug/l	99
78) n-propylbenzene	12.59	91	525676	19.947	ug/l	100
79) 2-Chlorotoluene	12.67	91	324408	19.992	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	421924	20.829	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	34375	19.043	ug/l	96
82) 4-Chlorotoluene	12.77	91	302720	19.934	ug/l	100
83) tert-Butylbenzene	12.99	119	363743	20.284	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	409215	20.995	ug/l	99
85) sec-Butylbenzene	13.17	105	459580	19.869	ug/l	99
86) p-Isopropyltoluene	13.28	119	413111	20.117	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	194771	19.878	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	180928	19.181	ug/l	98
89) n-Butylbenzene	13.61	91	302896	19.138	ug/l	99
90) Hexachloroethane	13.87	117	69736	19.722	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	201390	20.883	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	19781	20.151	ug/l	98

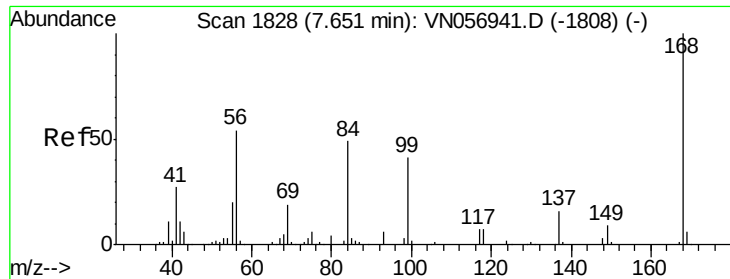
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072719\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	76020	17.163	ug/l	98
94) Hexachlorobutadiene	15.00	225	71502	19.179	ug/l	97
95) Naphthalene	15.12	128	169497	16.554	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	82656	17.817	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN056952.D

Acq: 26 Jul 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

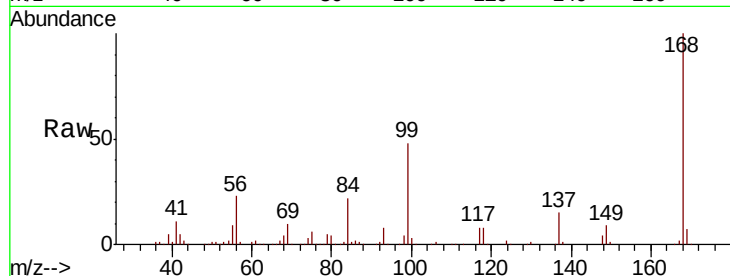
VN0727WBS01

Tot Ion:168 Resp: 560007

Ion Ratio Lower Upper

168 100

99 48.0 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

250000

200000

150000

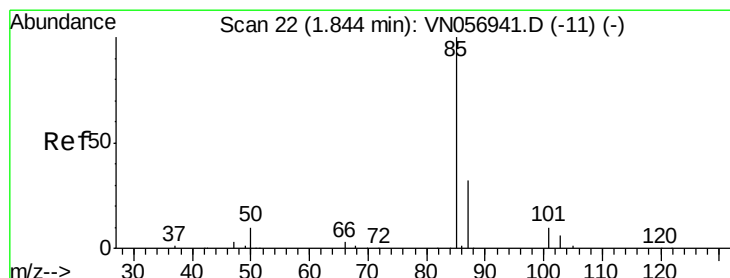
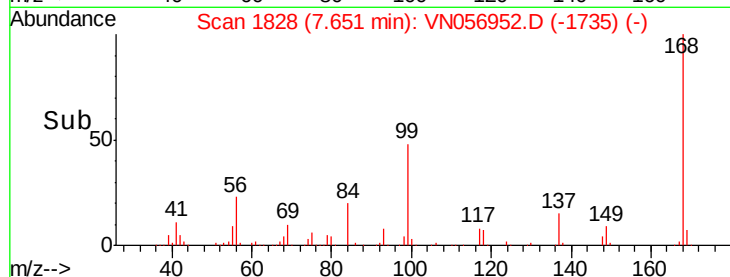
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.897 ug/l

RT: 1.84 min Scan# 22

Delta R.T. -0.00 min

Lab File: VN056952.D

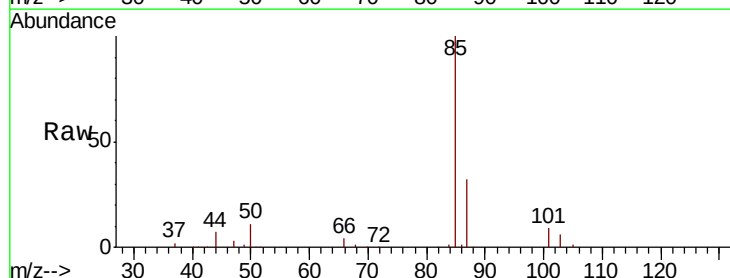
Acq: 26 Jul 2019 19:39

Tgt Ion: 85 Resp: 118304

Ion Ratio Lower Upper

85 100

87 31.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.84

80000

60000

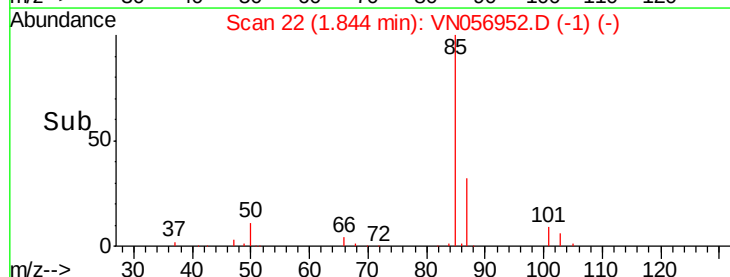
40000

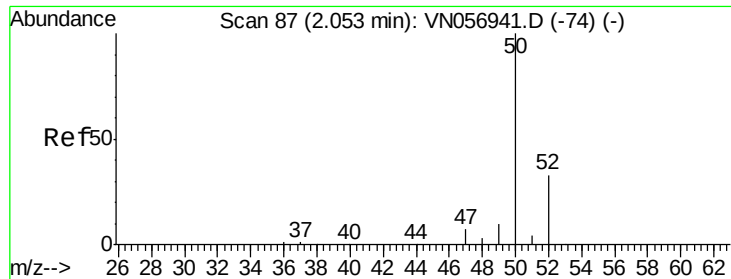
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 21.846 ug/l

RT: 2.05 min Scan# 87

Delta R.T. -0.00 min

Lab File: VN056952.D

Acq: 26 Jul 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

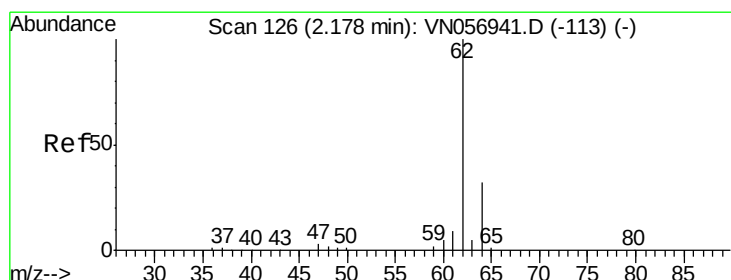
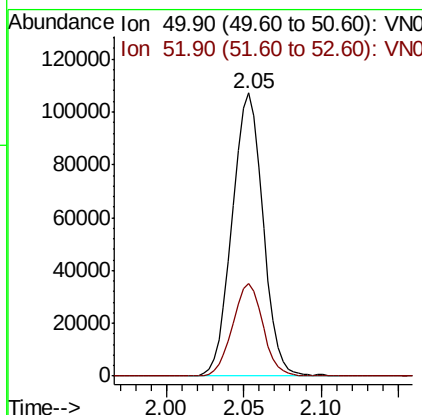
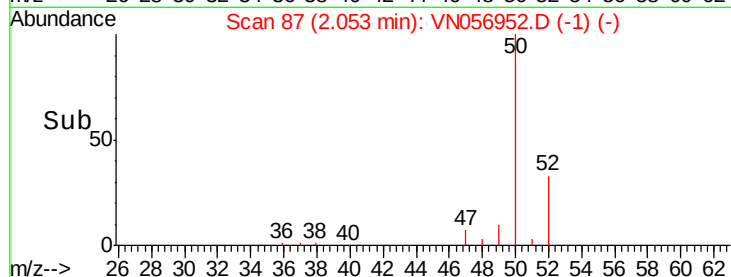
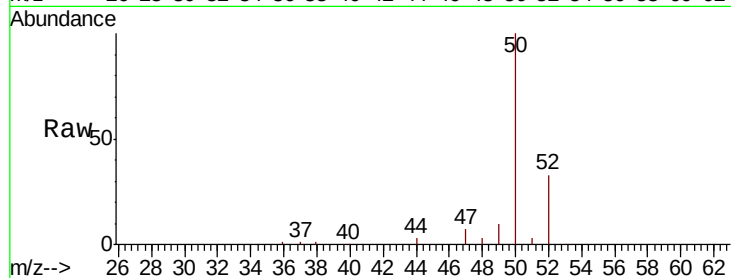
VN0727WBS01

Tot Ion: 50 Resp: 148096

Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.2



#4

Vinyl Chloride

Concen: 20.705 ug/l

RT: 2.18 min Scan# 126

Delta R.T. -0.00 min

Lab File: VN056952.D

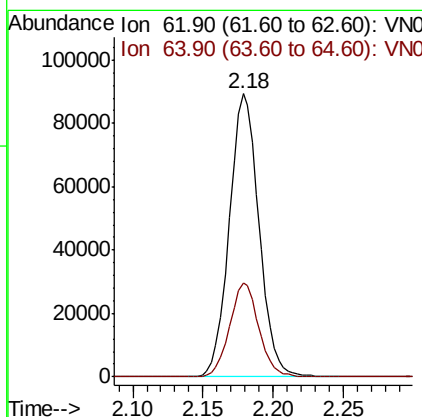
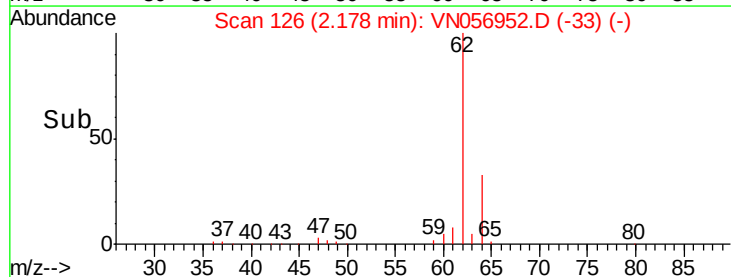
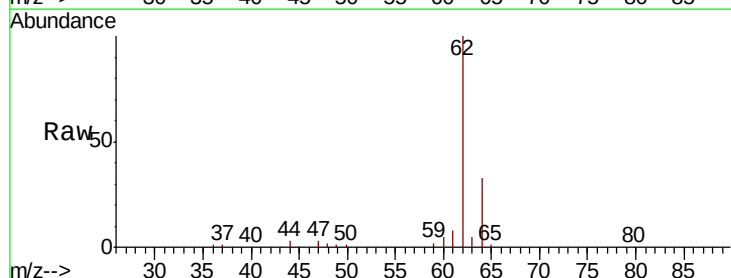
Acq: 26 Jul 2019 19:39

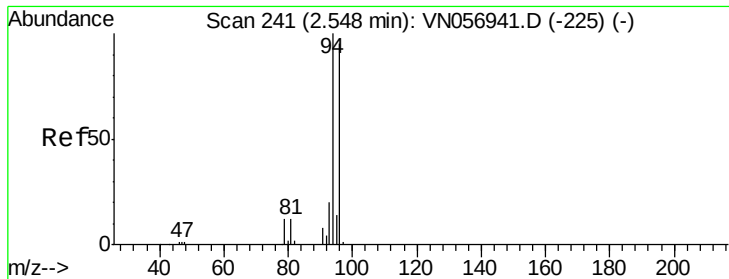
Tgt Ion: 62 Resp: 131615

Ion Ratio Lower Upper

62 100

64 33.2 25.4 38.0





#5

Bromomethane

Concen: 20.467 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.00 min

Lab File: VN056952.D

Acq: 26 Jul 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

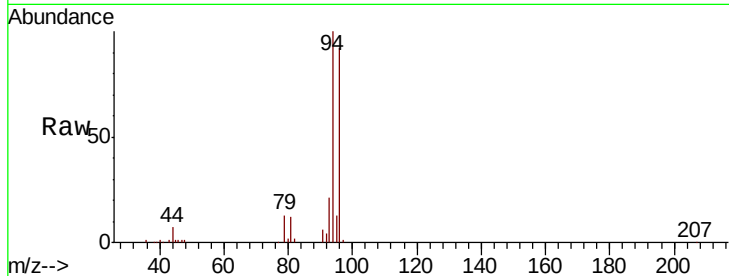
VN0727WBS01

Tot Ion: 94 Resp: 80882

Ion Ratio Lower Upper

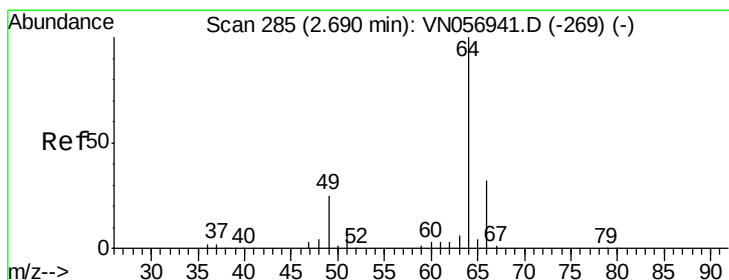
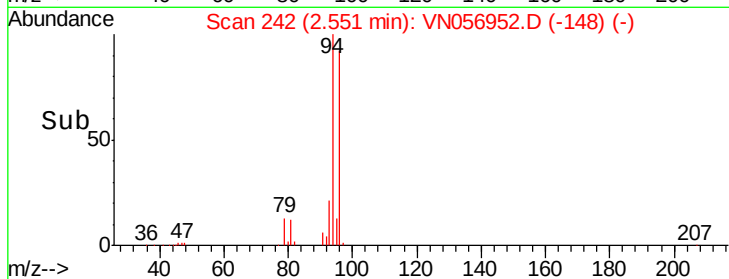
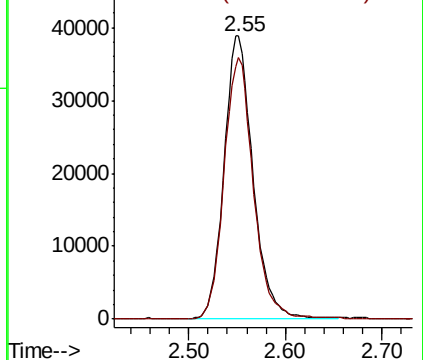
94 100

96 92.3 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: 20.735 ug/l

RT: 2.69 min Scan# 286

Delta R.T. 0.00 min

Lab File: VN056952.D

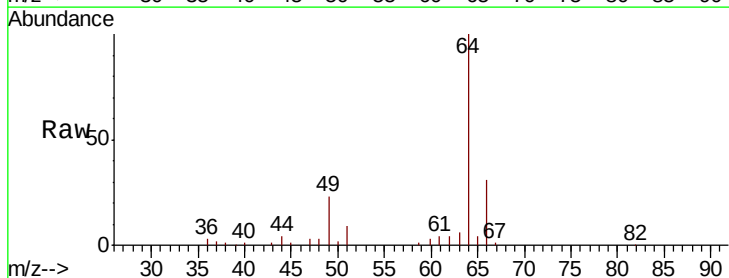
Acq: 26 Jul 2019 19:39

Tgt Ion: 64 Resp: 72656

Ion Ratio Lower Upper

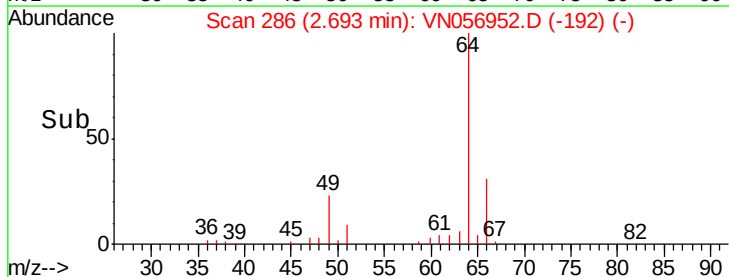
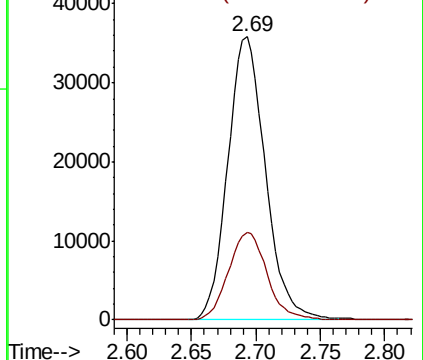
64 100

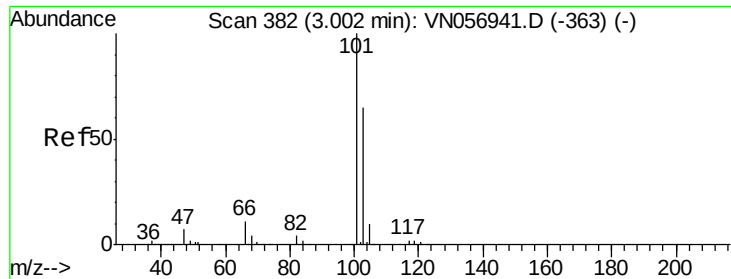
66 30.9 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



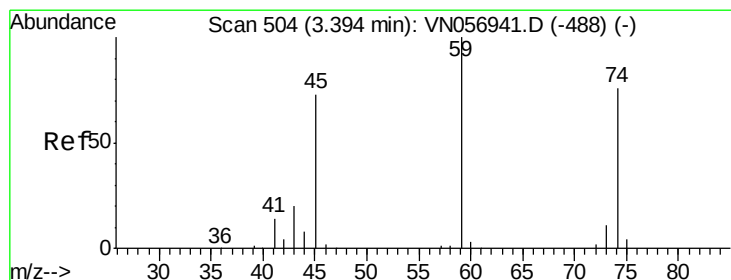
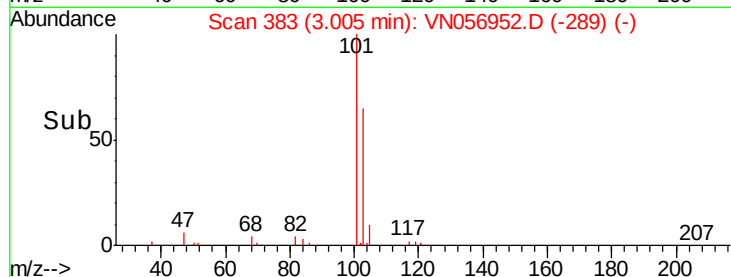
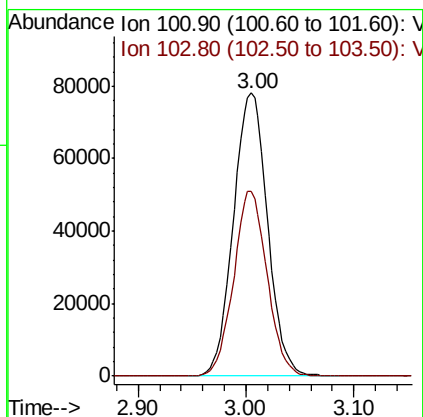
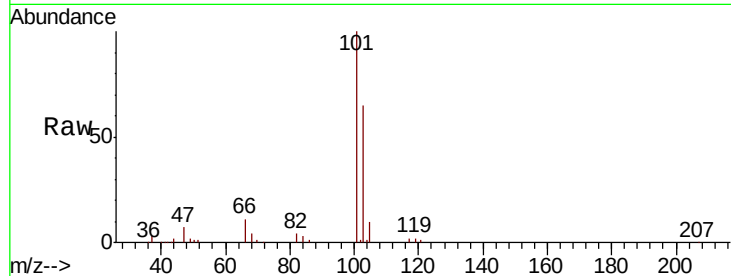


#7

Trichlorofluoromethane
 Concen: 20.706 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN056952.D
 Acq: 26 Jul 2019 19:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01

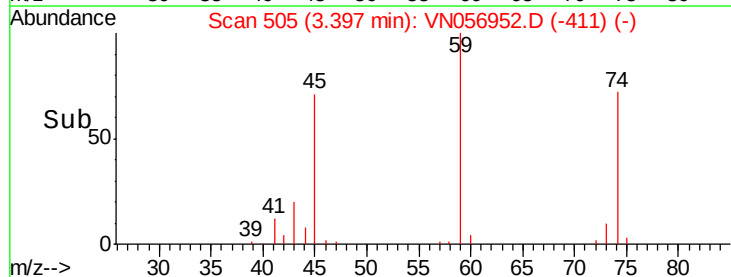
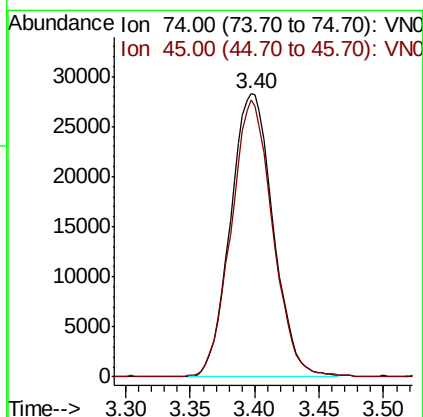
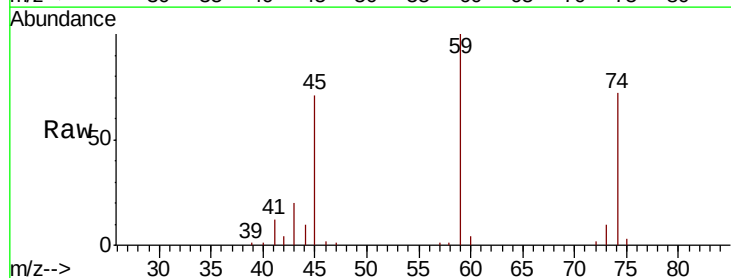
Tot Ion:101 Resp: 172296
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.1 78.1

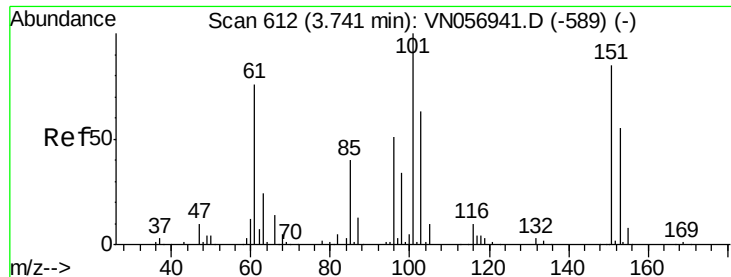


#8

Diethyl Ether
 Concen: 20.894 ug/l
 RT: 3.40 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: VN056952.D
 Acq: 26 Jul 2019 19:39

Tgt Ion: 74 Resp: 65068
 Ion Ratio Lower Upper
 74 100
 45 95.4 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.387 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN056952.D

Acq: 26 Jul 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01

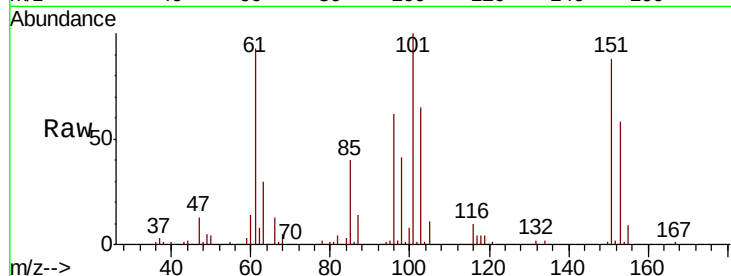
Tot Ion:101 Resp: 100018

Ion Ratio Lower Upper

101 100

85 40.7 32.3 48.5

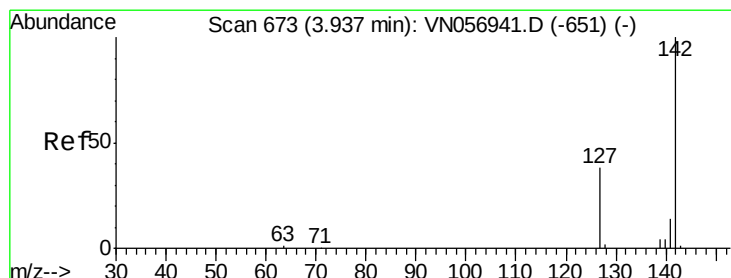
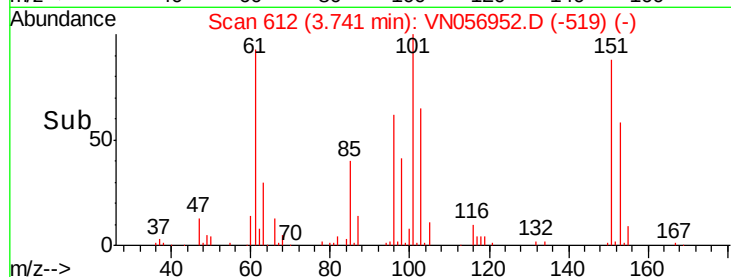
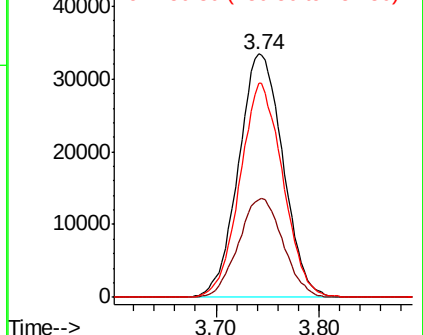
151 84.9 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.701 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN056952.D

Acq: 26 Jul 2019 19:39

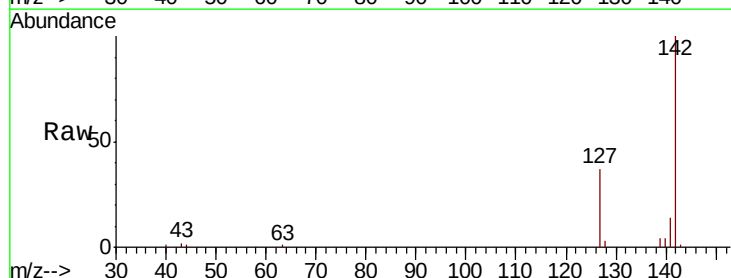
Tgt Ion:142 Resp: 115129

Ion Ratio Lower Upper

142 100

127 37.6 30.4 45.6

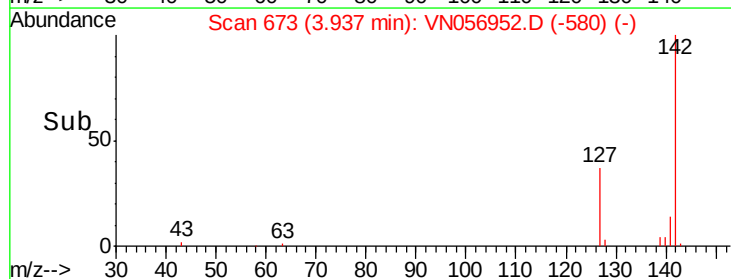
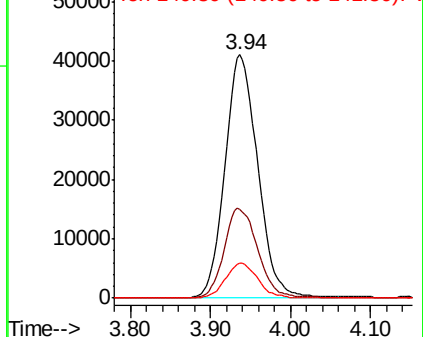
141 13.9 11.1 16.7

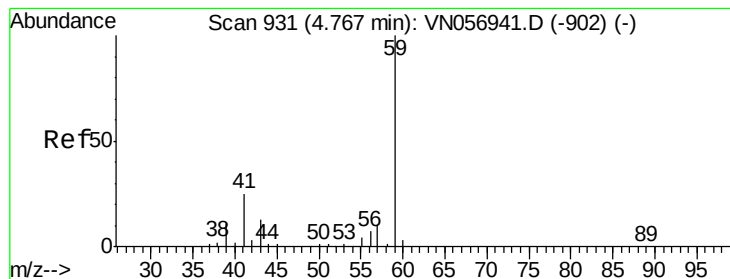


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



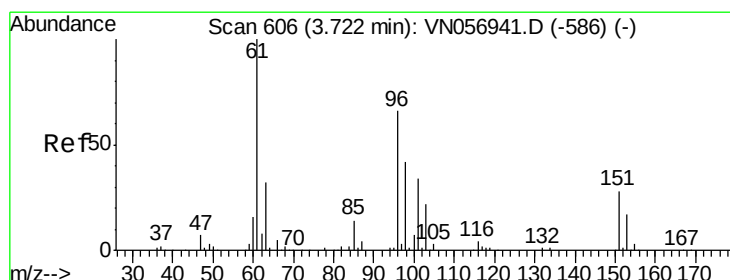
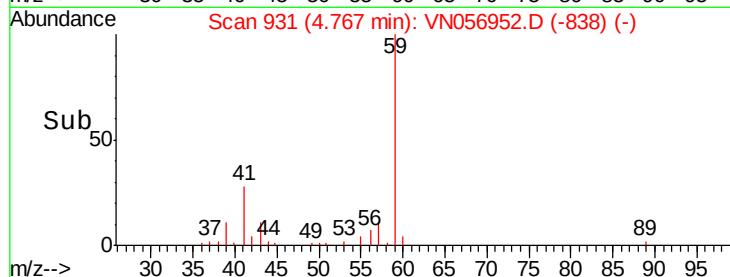
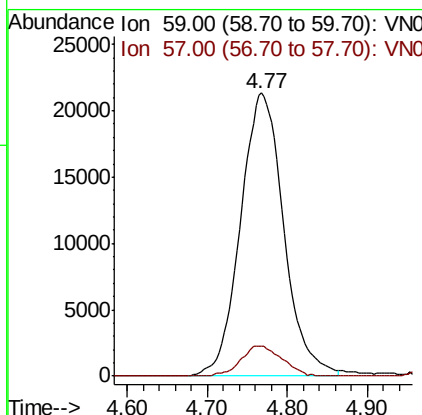
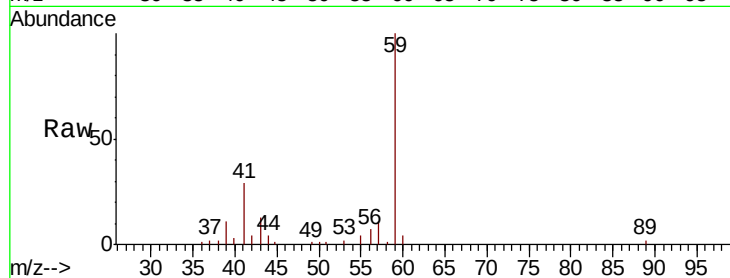


#11

Tert butyl alcohol
 Concen: 101.647 ug/l
 RT: 4.77 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: VN056952.D
 Acq: 26 Jul 2019 19:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01

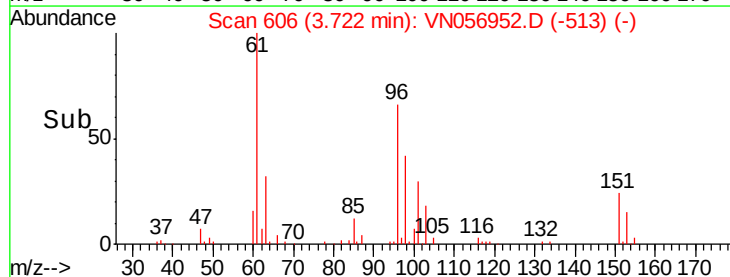
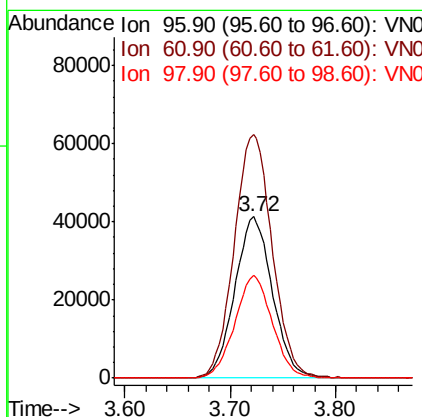
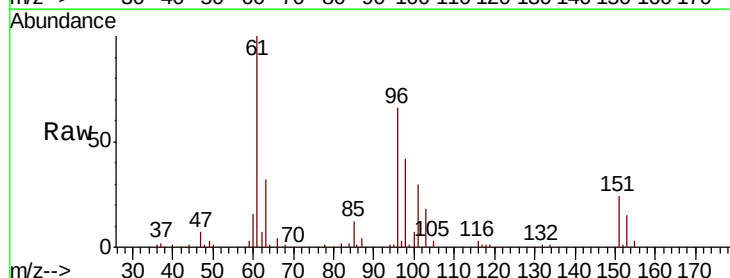
Tot Ion: 59 Resp: 78761
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.5 11.3

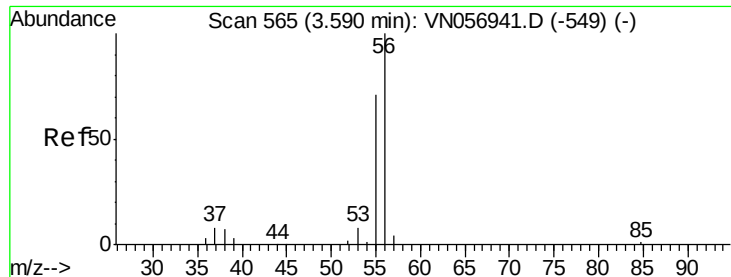


#12

1,1-Dichloroethene
 Concen: 20.791 ug/l
 RT: 3.72 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VN056952.D
 Acq: 26 Jul 2019 19:39

Tgt Ion: 96 Resp: 102343
 Ion Ratio Lower Upper
 96 100
 61 151.1 121.8 182.8
 98 64.2 51.7 77.5

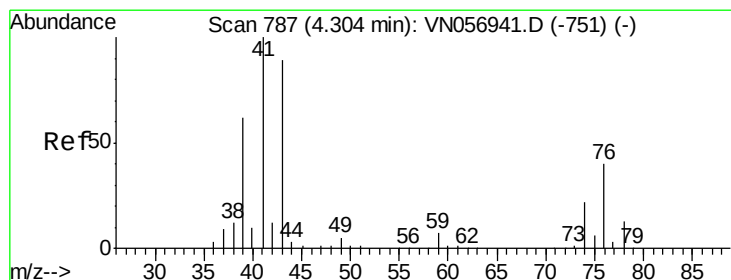
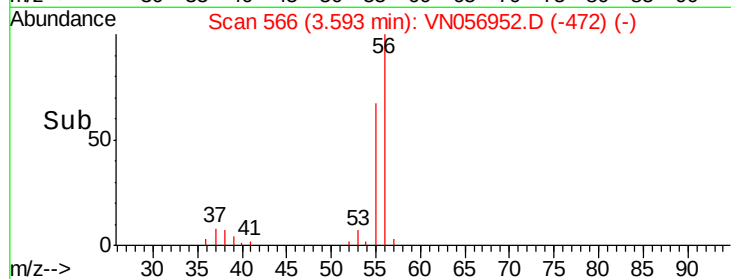
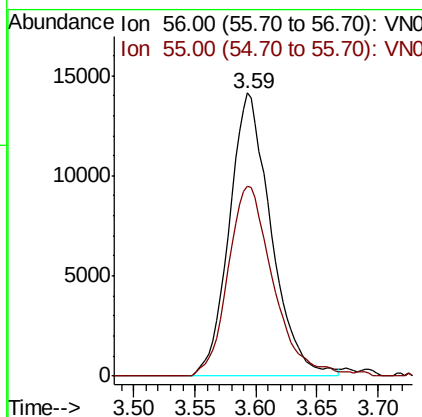
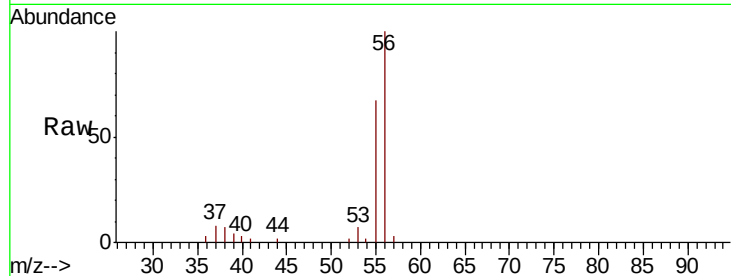




#13
Acrolein
Concen: 82.889 ug/l
RT: 3.59 min Scan# 566
Delta R.T. 0.00 min
Lab File: VN056952.D
Acq: 26 Jul 2019 19:39

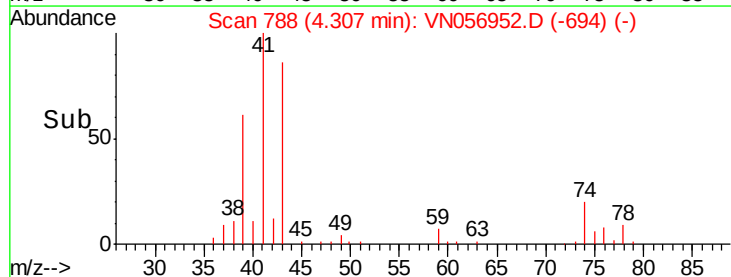
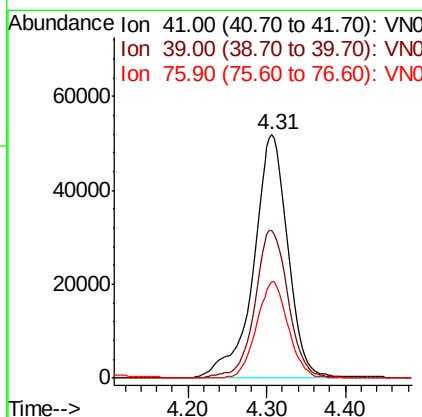
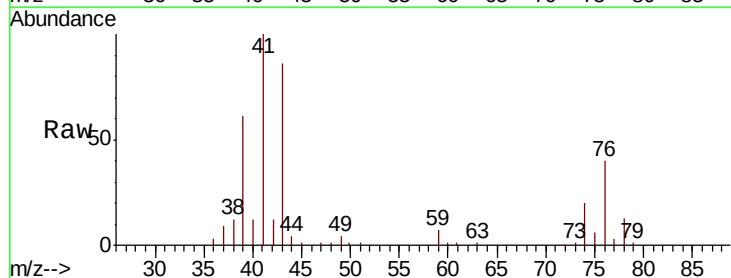
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

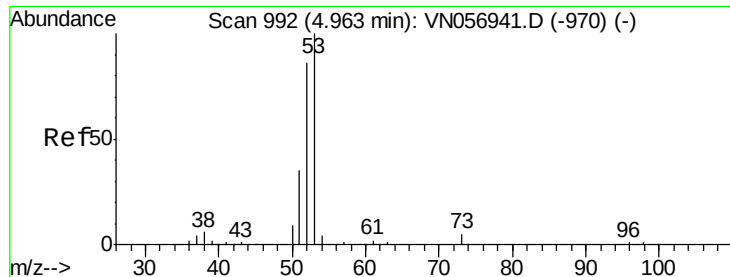
Tot Ion: 56 Resp: 33613
Ion Ratio Lower Upper
56 100
55 72.3 55.8 83.6



#14
Allyl chloride
Concen: 19.934 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.00 min
Lab File: VN056952.D
Acq: 26 Jul 2019 19:39

Tgt Ion: 41 Resp: 159610
Ion Ratio Lower Upper
41 100
39 59.3 46.4 69.6
76 36.5 28.4 42.6





#15

Acrylonitrile

Concen: 105.866 ug/l

RT: 4.97 min Scan# 994

Delta R.T. 0.01 min

Lab File: VN056952.D

Acq: 26 Jul 2019 19:39

Instrument :

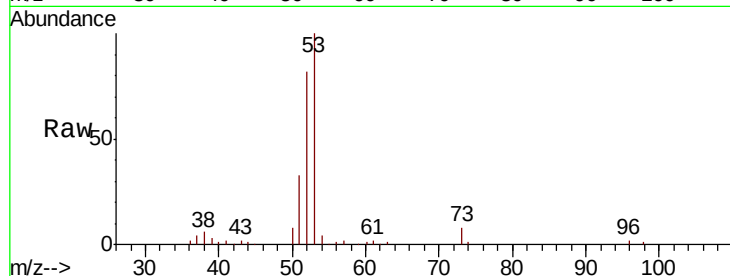
MSVOA_N

ClientSampleId :

VN0727WBS01

Tot Ion: 53 Resp: 240557

Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.5	99.7
51	34.7	28.4	42.6

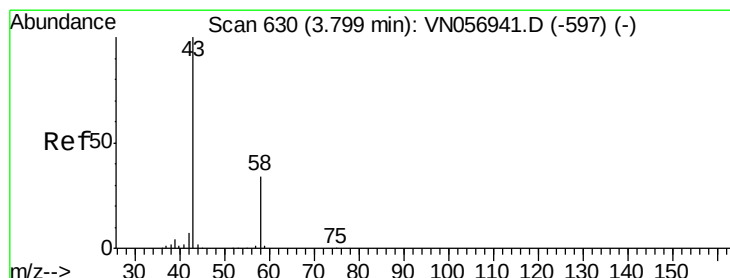
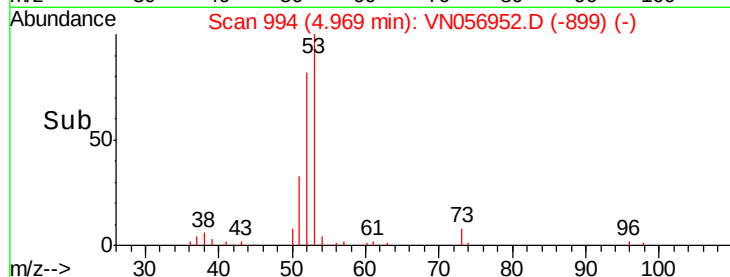
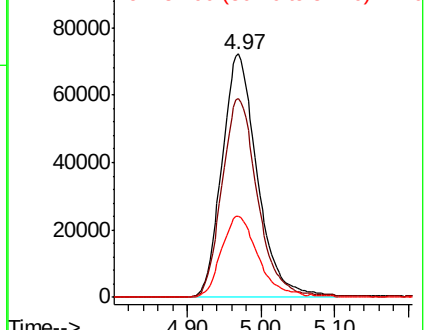


Abundance

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: 87.318 ug/l

RT: 3.80 min Scan# 631

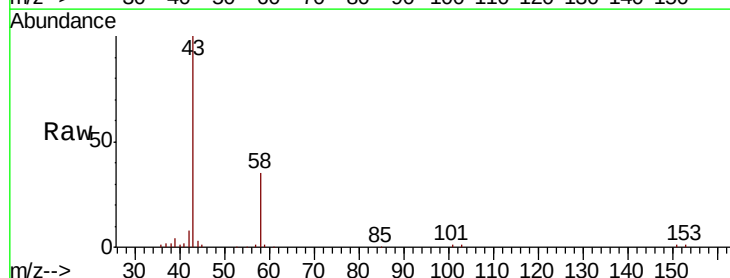
Delta R.T. 0.00 min

Lab File: VN056952.D

Acq: 26 Jul 2019 19:39

Tgt Ion: 43 Resp: 181338

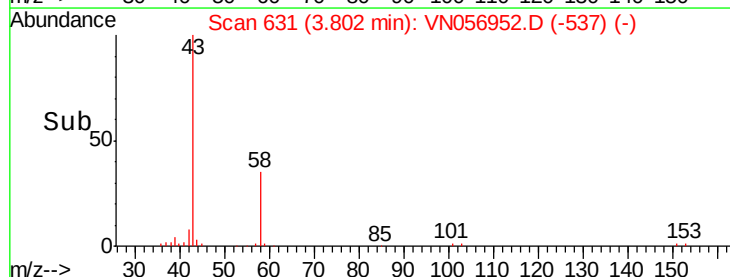
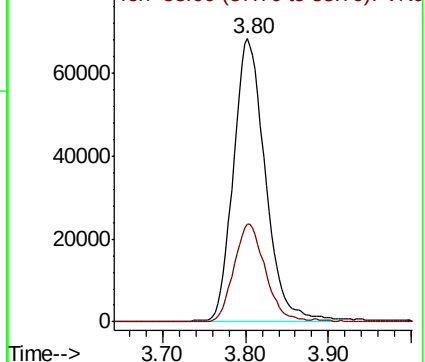
Ion	Ratio	Lower	Upper
43	100		
58	34.4	27.2	40.8

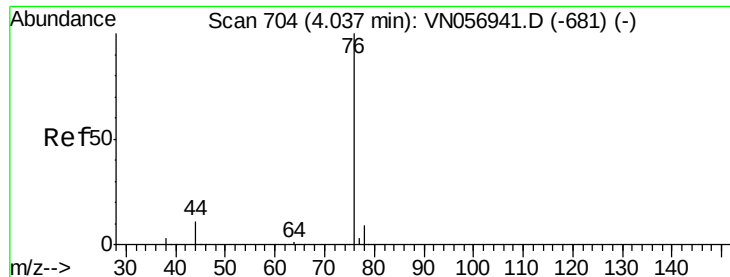


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 19.560 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN056952.D

Acq: 26 Jul 2019 19:39

Instrument :

MSVOA_N

ClientSampled :

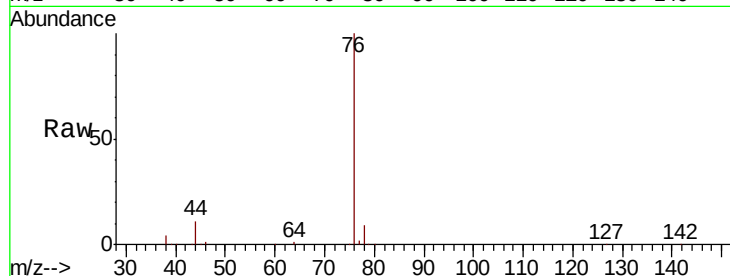
VN0727WBS01

Tot Ion: 76 Resp: 255851

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.04

100000

80000

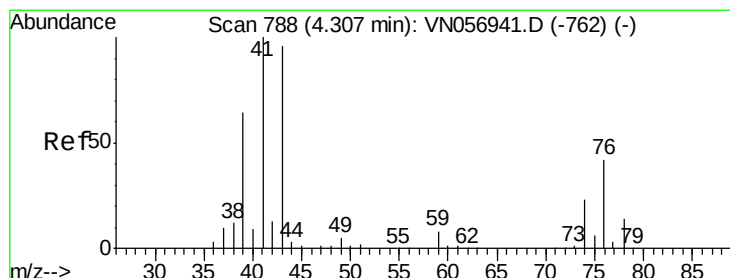
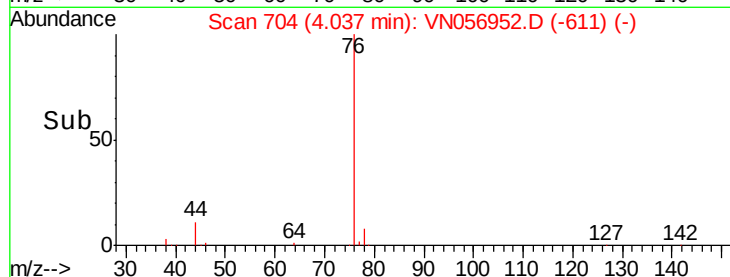
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 20.098 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN056952.D

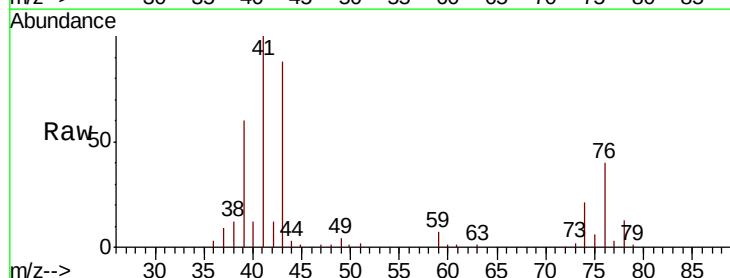
Acq: 26 Jul 2019 19:39

Tgt Ion: 43 Resp: 133146

Ion Ratio Lower Upper

43 100

74 24.2 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.31

50000

40000

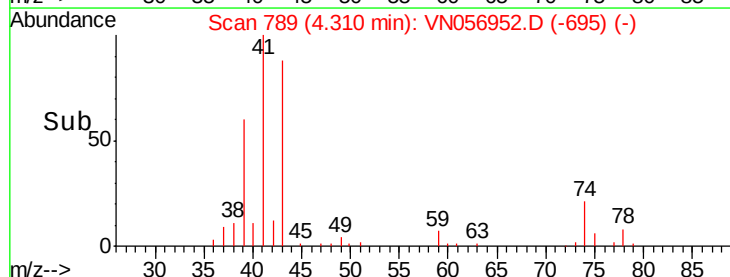
30000

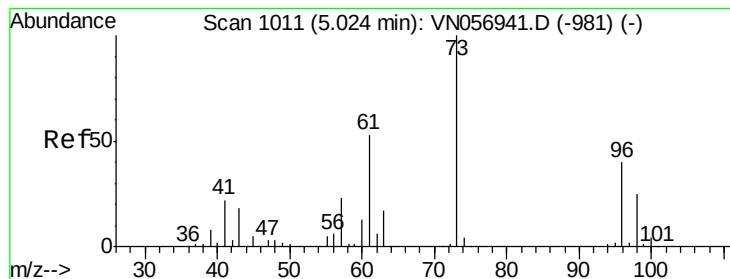
20000

10000

0

Time-->



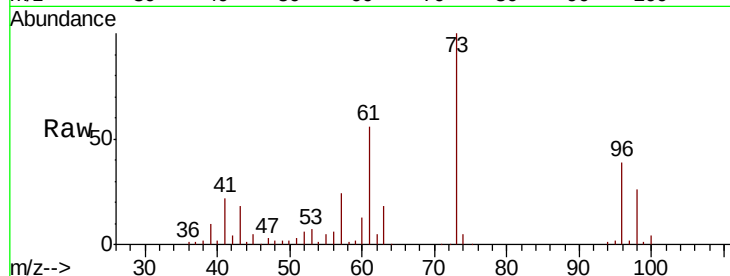


#19

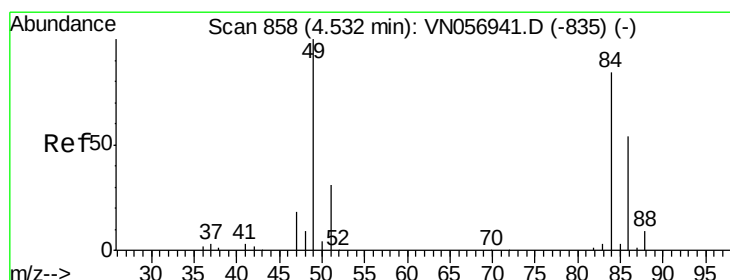
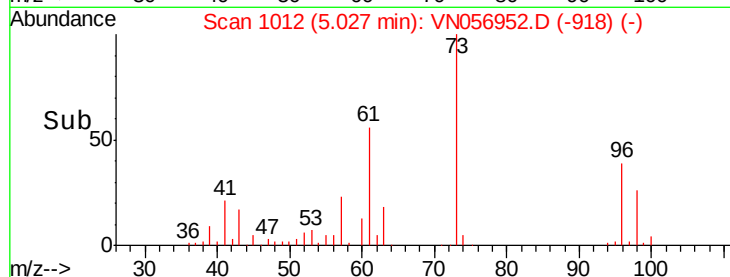
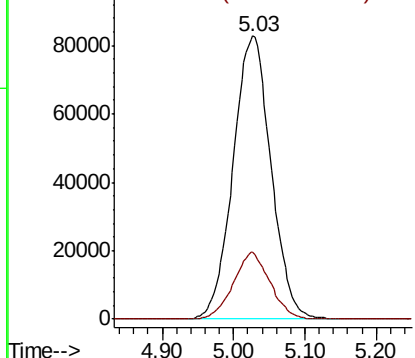
Methyl tert-butyl Ether
 Concen: 20.869 ug/l
 RT: 5.03 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: VN056952.D
 Acq: 26 Jul 2019 19:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01

Tot Ion: 73 Resp: 306300
 Ion Ratio Lower Upper
 73 100
 57 23.8 18.3 27.5



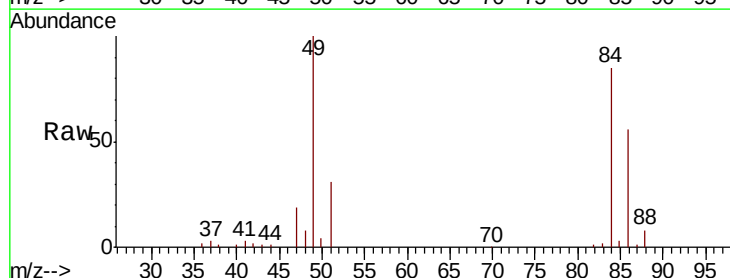
Abundance Ion 73.00 (72.70 to 73.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0



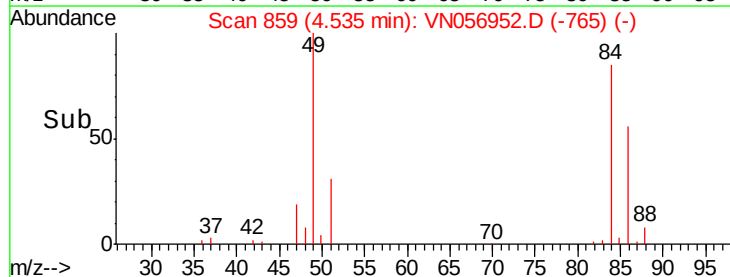
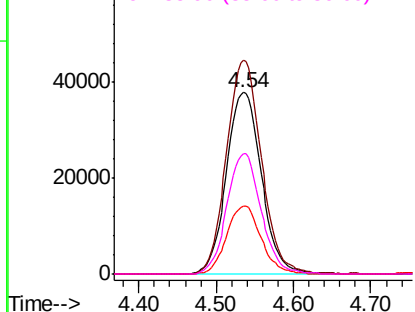
#20

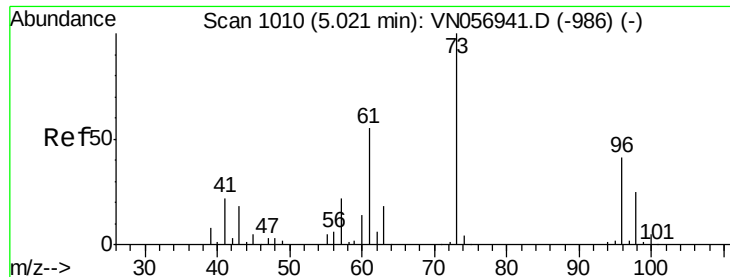
Methylene Chloride
 Concen: 19.912 ug/l
 RT: 4.54 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: VN056952.D
 Acq: 26 Jul 2019 19:39

Tgt Ion: 84 Resp: 119118
 Ion Ratio Lower Upper
 84 100
 49 117.6 95.2 142.8
 51 37.0 29.7 44.5
 86 66.2 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VN0
 Ion 48.90 (48.60 to 49.60): VN0
 Ion 50.90 (50.60 to 51.60): VN0
 Ion 85.90 (85.60 to 86.60): VN0





#21

trans-1,2-Dichloroethene

Concen: 20.601 ug/l

RT: 5.02 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN056952.D

Acq: 26 Jul 2019 19:39

Instrument :
MSVOA_N
ClientSampled :
VN0727WBS01

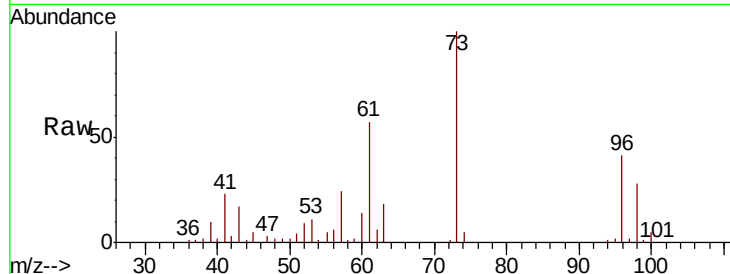
Tot Ion: 96 Resp: 107696

Ion Ratio Lower Upper

96 100

61 138.0 107.5 161.3

98 66.4 49.9 74.9

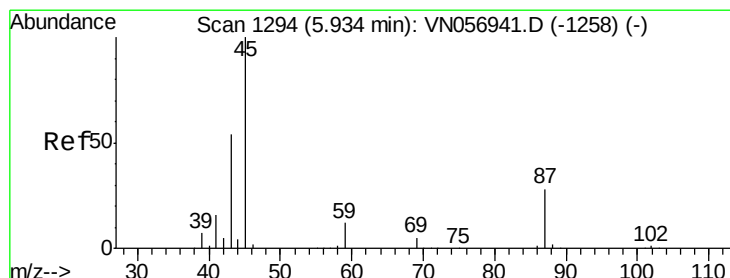
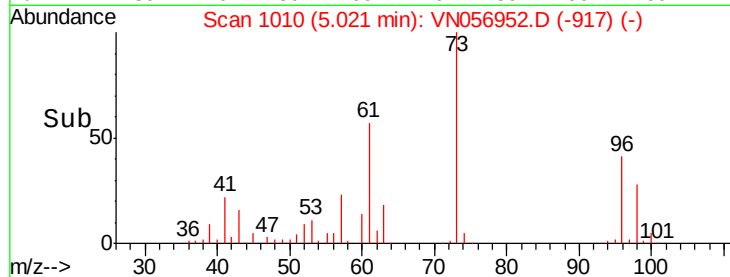
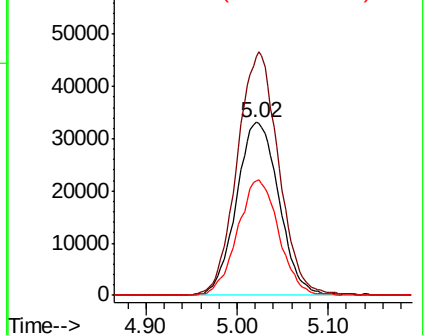


Abundance

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: 21.450 ug/l

RT: 5.93 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN056952.D

Acq: 26 Jul 2019 19:39

Tgt Ion: 45 Resp: 353869

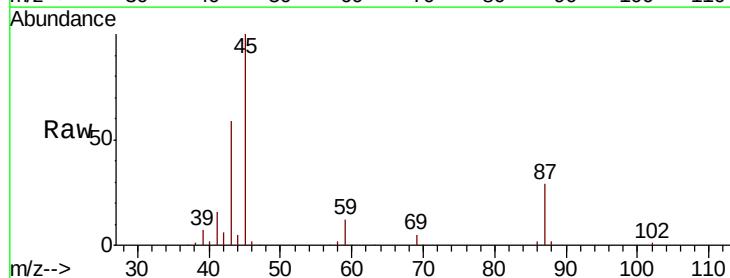
Ion Ratio Lower Upper

45 100

43 57.7 44.7 67.1

87 29.0 23.0 34.6

59 11.7 9.8 14.8



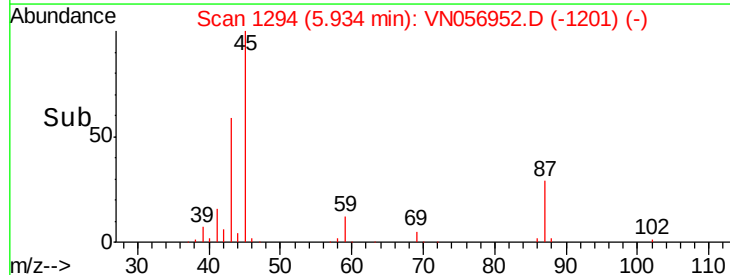
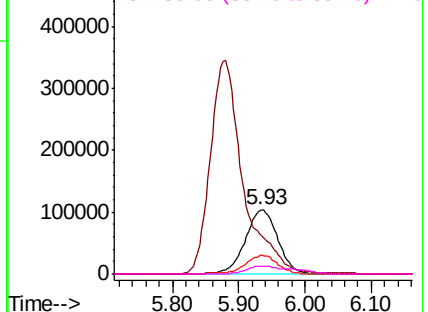
Abundance

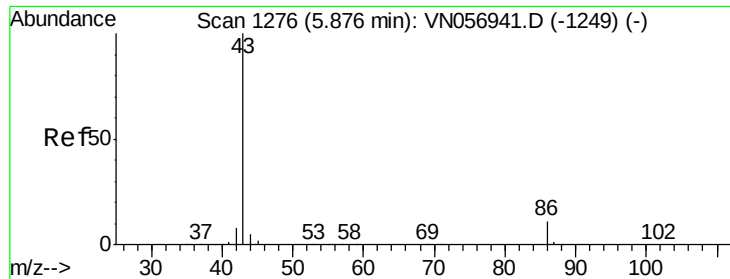
Ion 45.00 (44.70 to 45.70): VN0

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: 104.250 ug/l

RT: 5.88 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN056952.D

Acq: 26 Jul 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

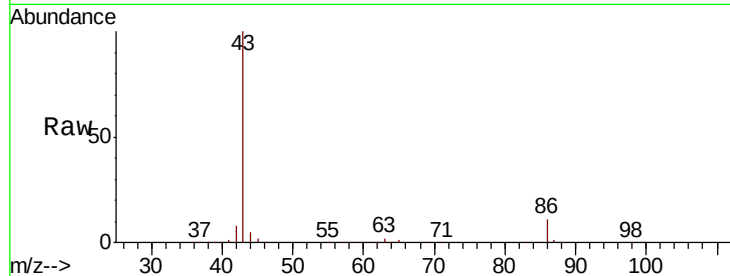
VN0727WBS01

Tot Ion: 43 Resp: 1191650

Ion Ratio Lower Upper

43 100

86 10.8 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN056941.D (-1249) (-)

Ion 86.00 (85.70 to 86.70): VN056941.D (-1249) (-)

5.88

400000

300000

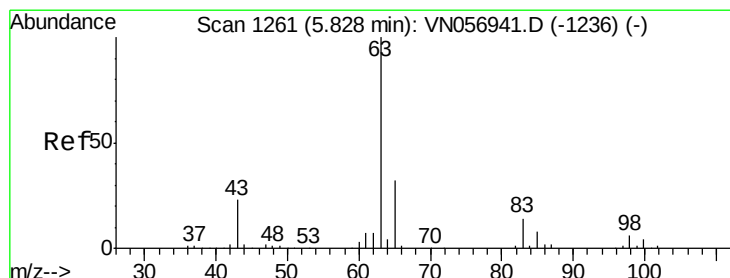
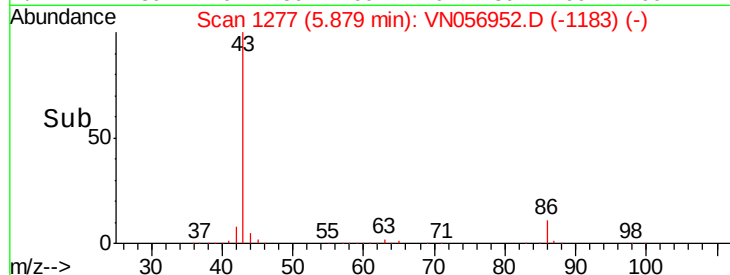
200000

100000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 20.660 ug/l

RT: 5.83 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN056952.D

Acq: 26 Jul 2019 19:39

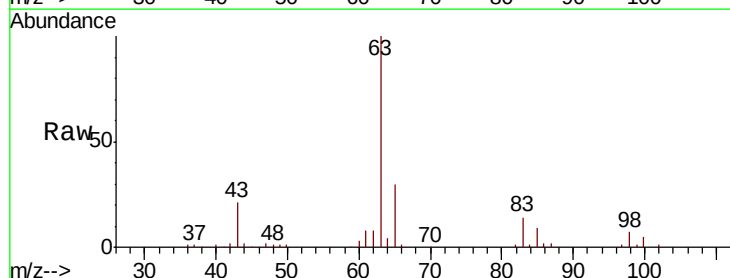
Tgt Ion: 63 Resp: 201104

Ion Ratio Lower Upper

63 100

98 7.3 3.2 9.6

100 4.9 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN056941.D (-1236) (-)

Ion 97.90 (97.60 to 98.60): VN056941.D (-1236) (-)

Ion 99.90 (99.60 to 100.60): VN056941.D (-1236) (-)

5.83

80000

60000

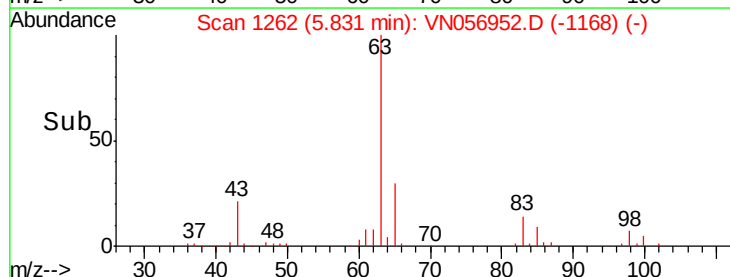
40000

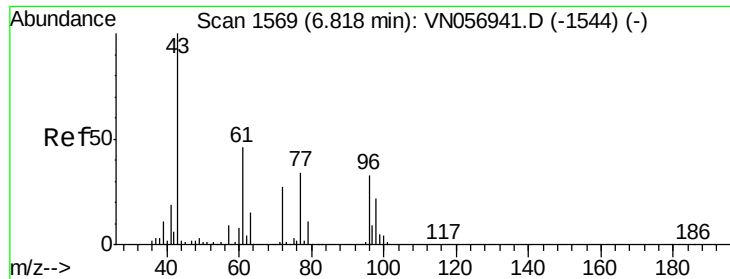
20000

0

5.70 5.80 5.90

Time-->

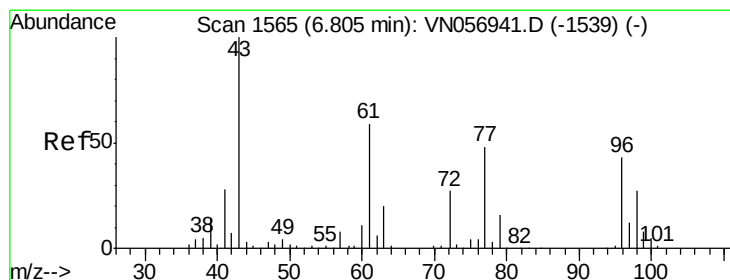
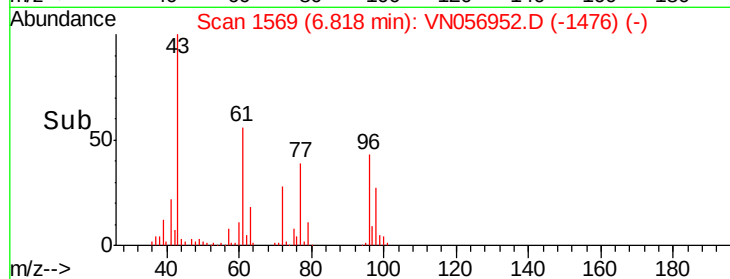
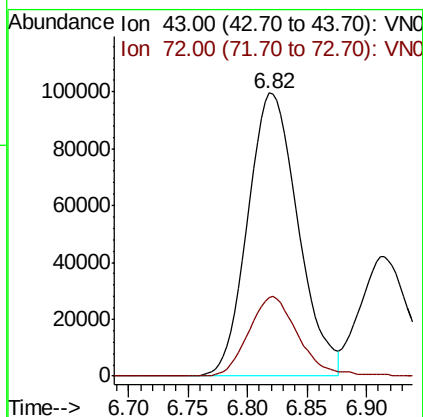
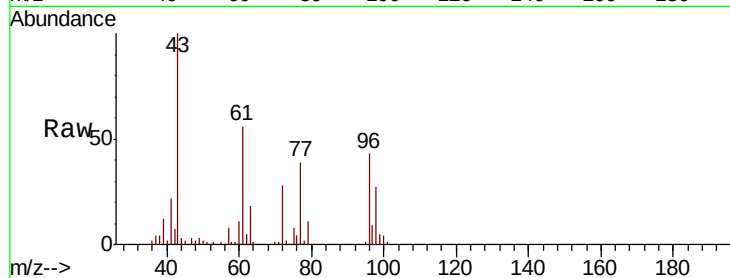




#25
2-Butanone
Concen: 98.584 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN056952.D
Acq: 26 Jul 2019 19:39

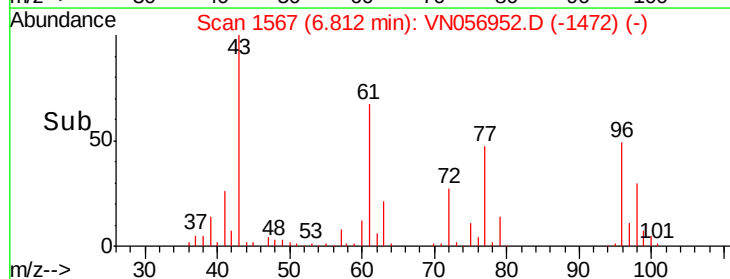
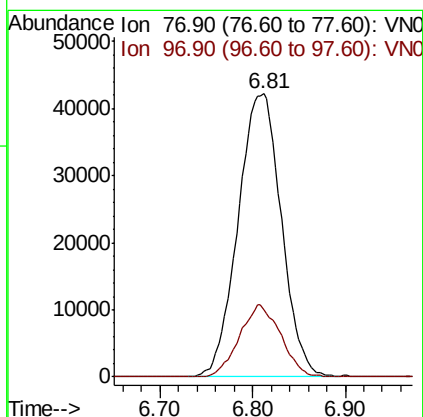
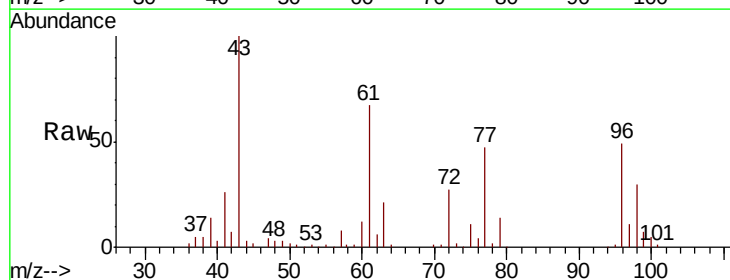
Instrument :
MSVOA_N
ClientSampled :
VN0727WBS01

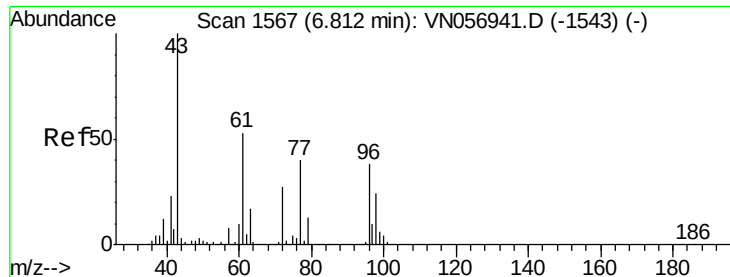
Tot Ion: 43 Resp: 290312
Ion Ratio Lower Upper
43 100
72 27.9 21.5 32.3



#26
2,2-Dichloropropane
Concen: 18.519 ug/l
RT: 6.81 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VN056952.D
Acq: 26 Jul 2019 19:39

Tgt Ion: 77 Resp: 137067
Ion Ratio Lower Upper
77 100
97 24.2 12.2 36.6

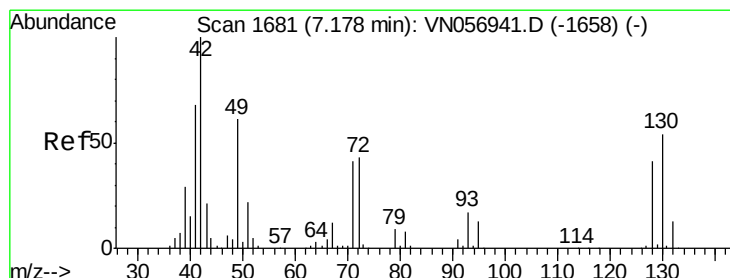
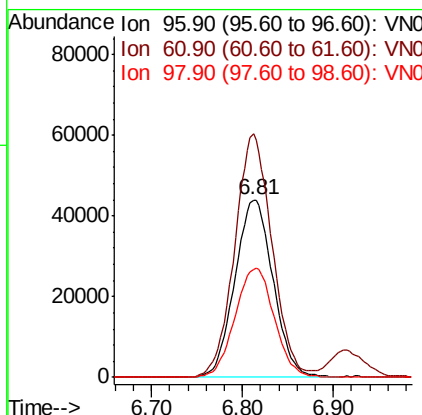
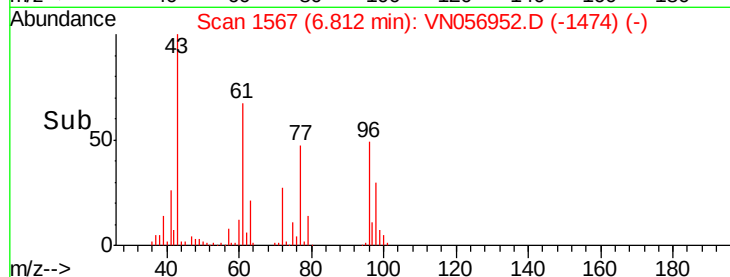
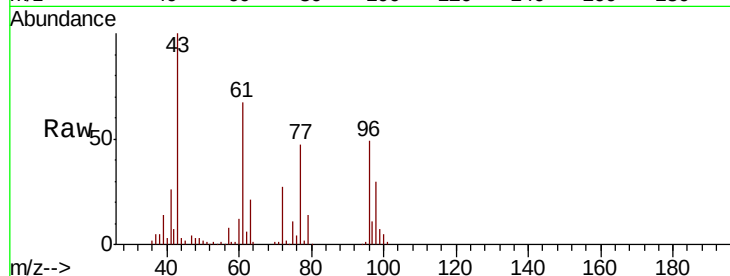




#27
 cis-1,2-Dichloroethene
 Concen: 20.755 ug/l
 RT: 6.81 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN056952.D
 Acq: 26 Jul 2019 19:39

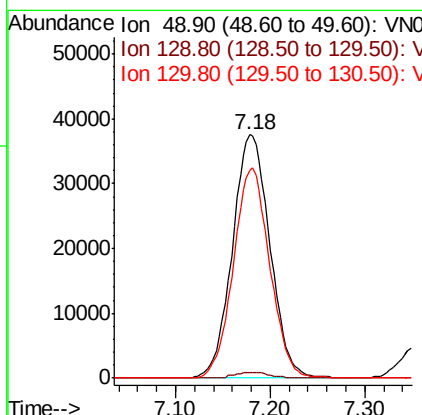
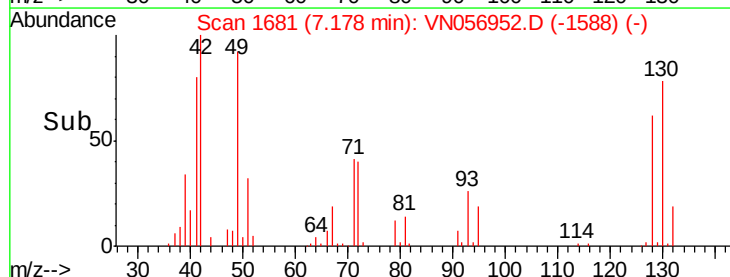
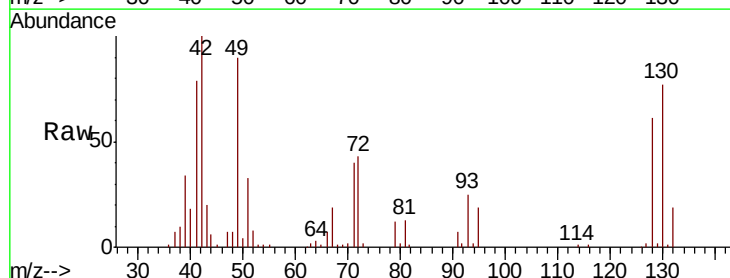
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01

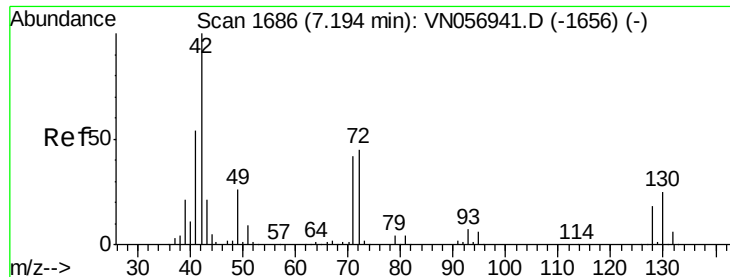
Tot Ion	Ratio	Lower	Upper
96	100		
61	133.7	0.0	277.2
98	63.2	0.0	128.4



#28
 Bromochloromethane
 Concen: 22.571 ug/l
 RT: 7.18 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VN056952.D
 Acq: 26 Jul 2019 19:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.6
130	83.8	69.0	103.4

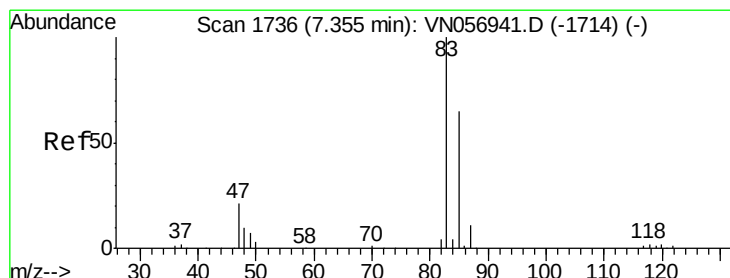
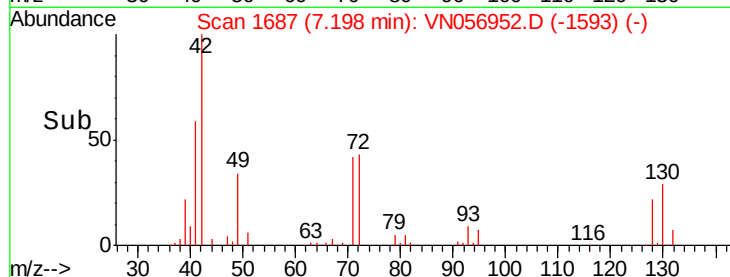
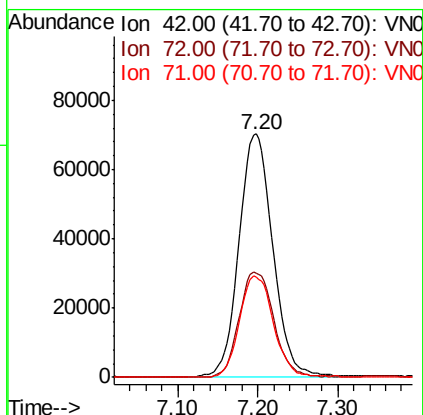
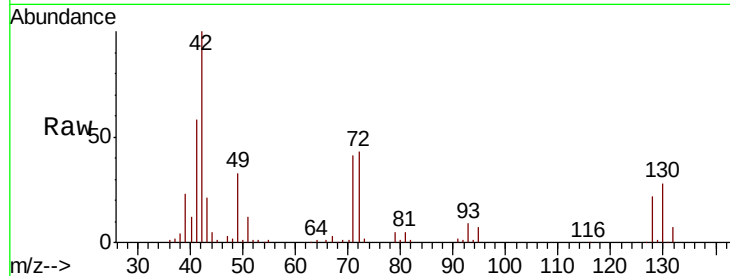




#29
Tetrahydrofuran
Concen: 105.135 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN056952.D
Acq: 26 Jul 2019 19:39

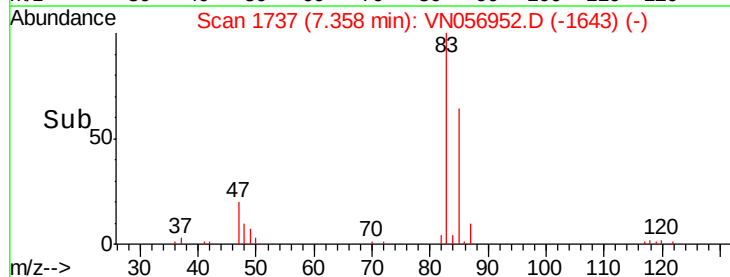
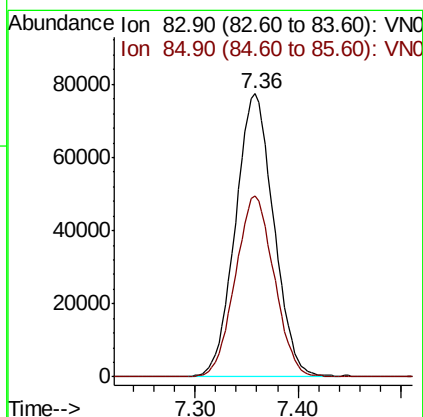
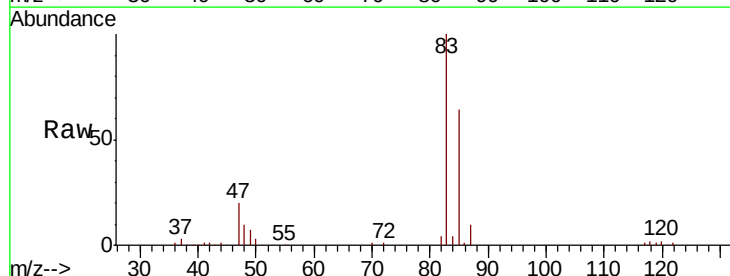
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

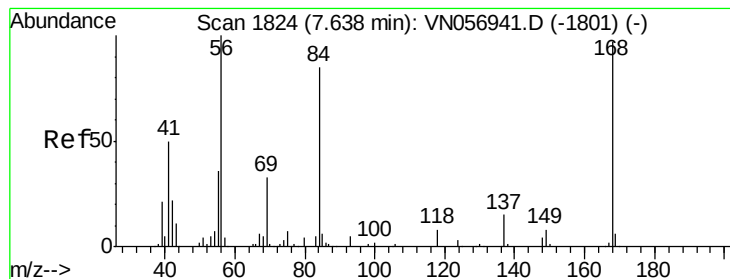
Tot Ion: 42 Resp: 202001
Ion Ratio Lower Upper
42 100
72 44.1 35.6 53.4
71 41.6 33.5 50.3



#30
Chloroform
Concen: 20.114 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN056952.D
Acq: 26 Jul 2019 19:39

Tgt Ion: 83 Resp: 200182
Ion Ratio Lower Upper
83 100
85 64.0 52.2 78.2





#31

Cyclohexane

Concen: 19.267 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN056952.D

Acq: 26 Jul 2019 19:39

Instrument :

MSVOA_N

ClientSampled :

VN0727WBS01

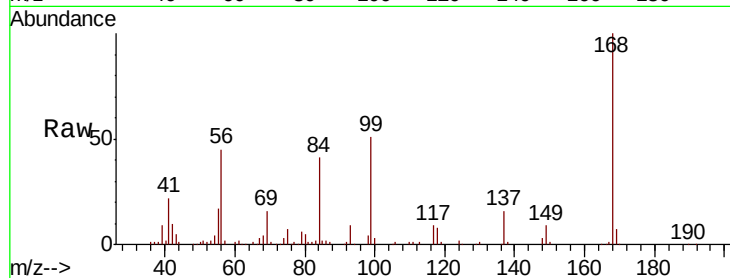
Tot Ion: 56 Resp: 181484

Ion Ratio Lower Upper

56 100

69 36.8 26.2 39.2

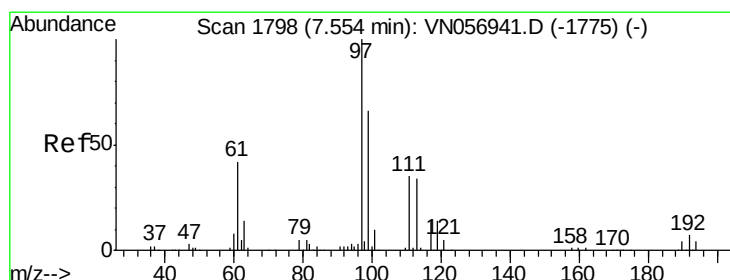
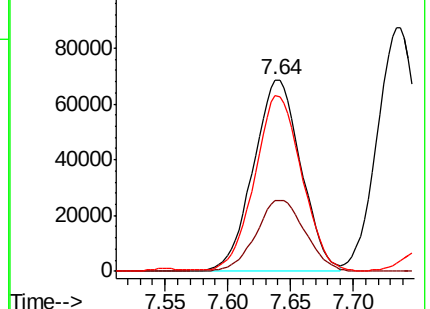
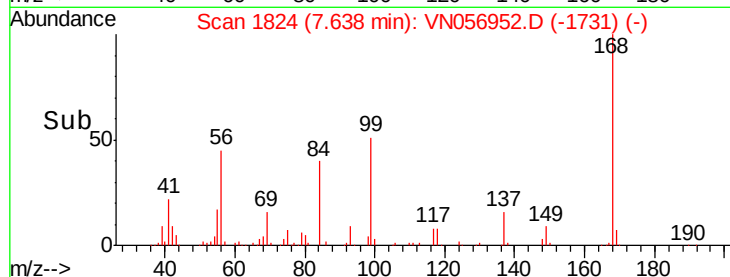
84 91.0 68.2 102.2



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: 20.661 ug/l

RT: 7.56 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN056952.D

Acq: 26 Jul 2019 19:39

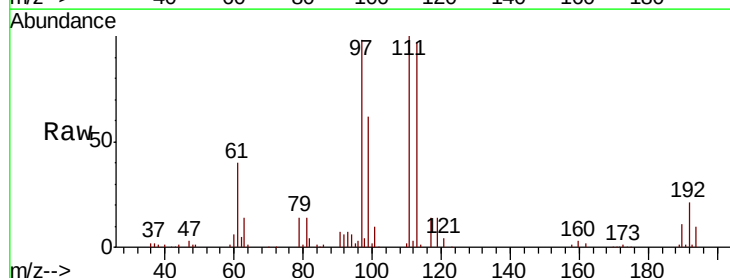
Tgt Ion: 97 Resp: 164062

Ion Ratio Lower Upper

97 100

99 63.3 52.3 78.5

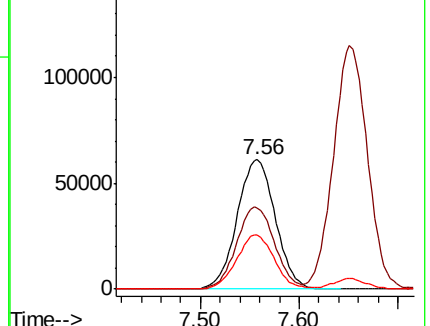
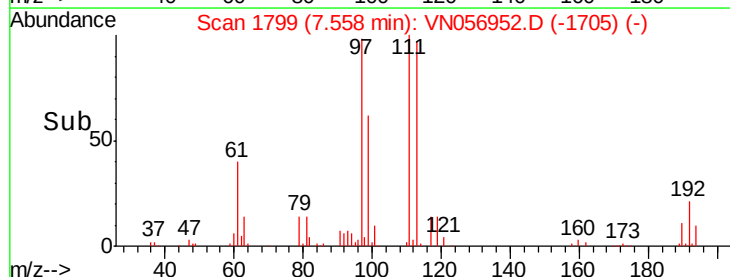
61 41.3 33.9 50.9

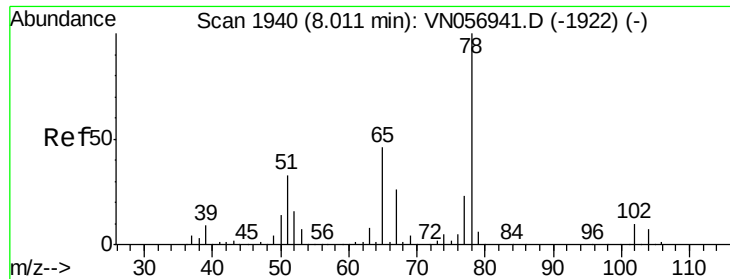


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

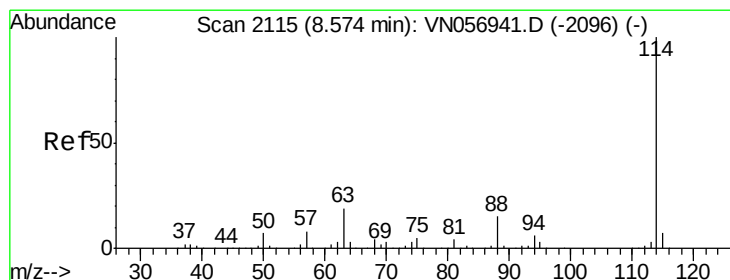
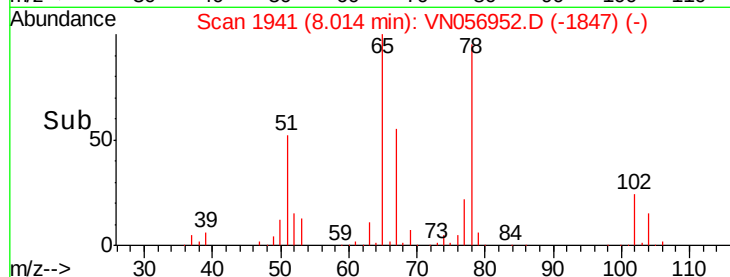
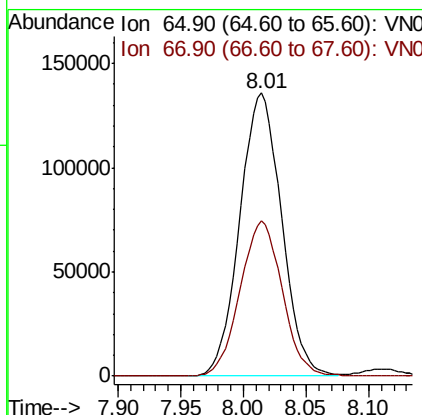
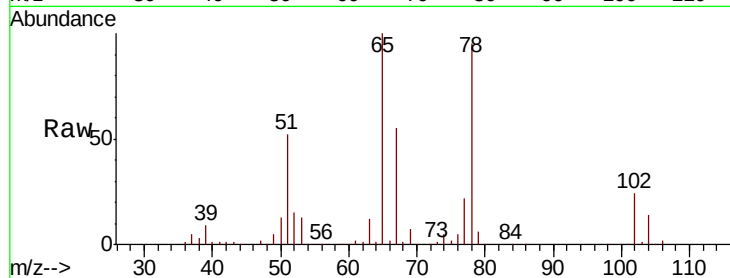




#33
 1,2-Dichloroethane-d4
 Concen: 54.952 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN056952.D
 Acq: 26 Jul 2019 19:39

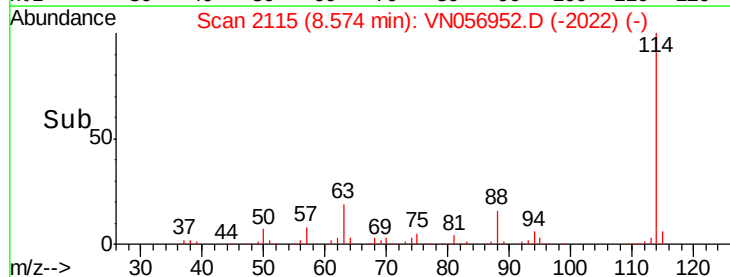
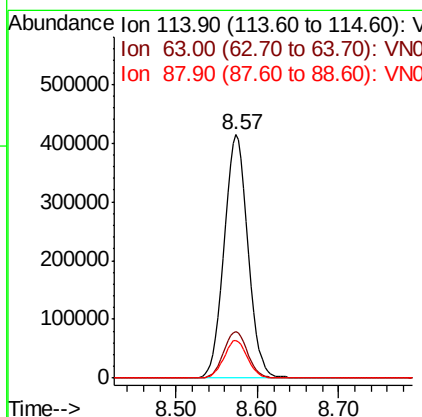
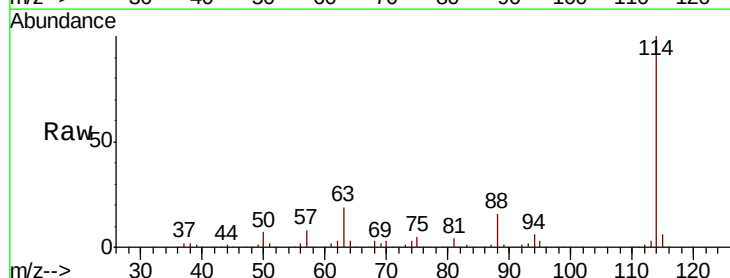
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01

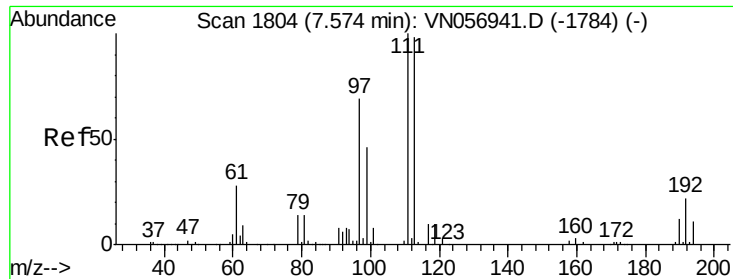
Tot Ion: 65 Resp: 315010
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN056952.D
 Acq: 26 Jul 2019 19:39

Tgt Ion: 114 Resp: 857985
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.0
 88 15.7 0.0 30.0

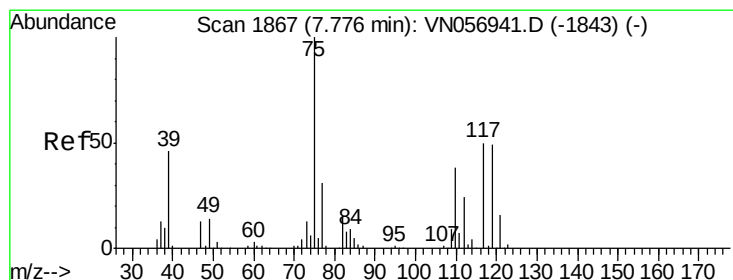
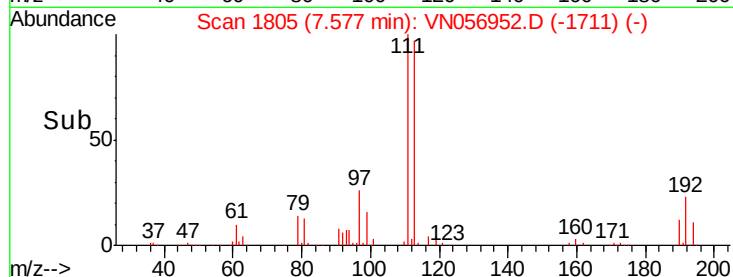
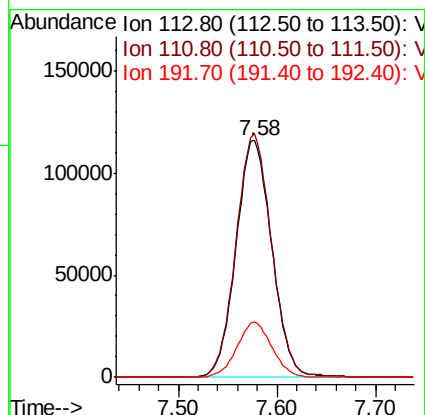
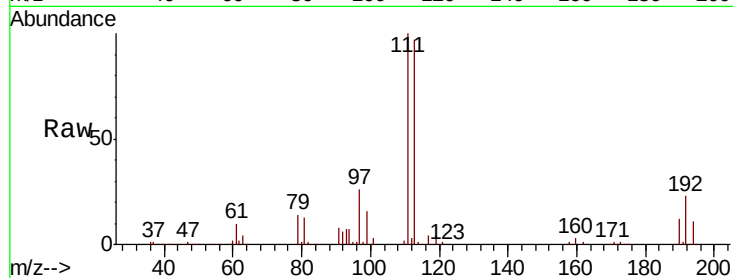




#35
 Dibromofluoromethane
 Concen: 53.117 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN056952.D
 Acq: 26 Jul 2019 19:39

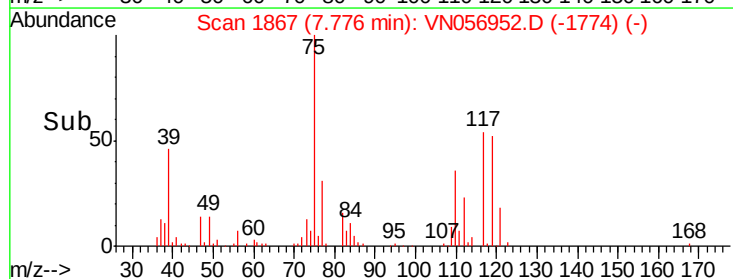
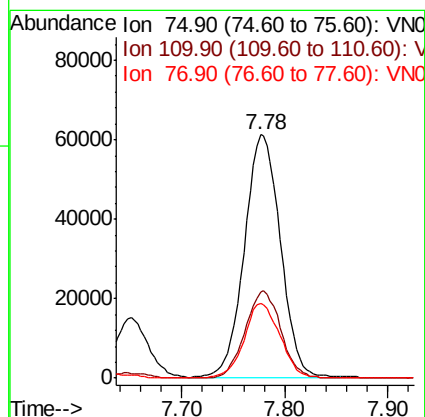
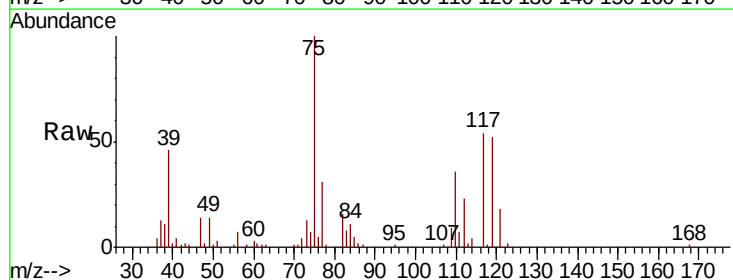
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01

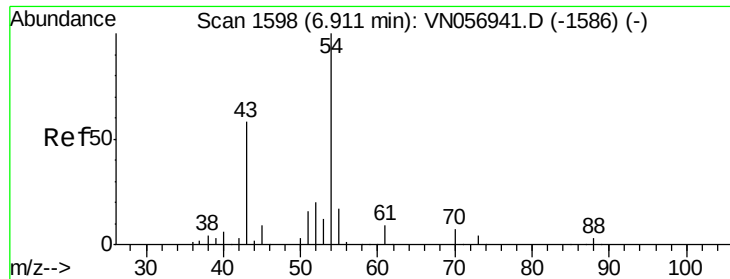
Tot Ion:113 Resp: 291748
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.0 123.0
 192 22.9 18.4 27.6



#36
 1,1-Dichloropropene
 Concen: 19.574 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN056952.D
 Acq: 26 Jul 2019 19:39

Tgt Ion: 75 Resp: 147775
 Ion Ratio Lower Upper
 75 100
 110 35.6 18.6 55.8
 77 30.7 25.2 37.8

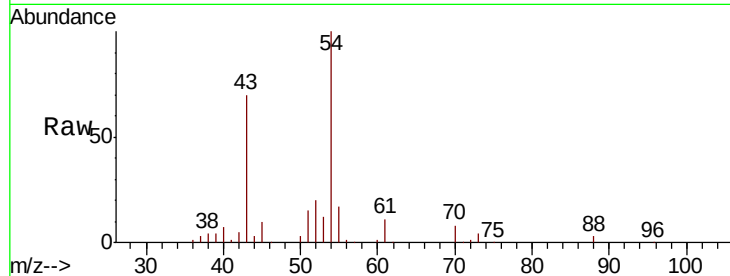




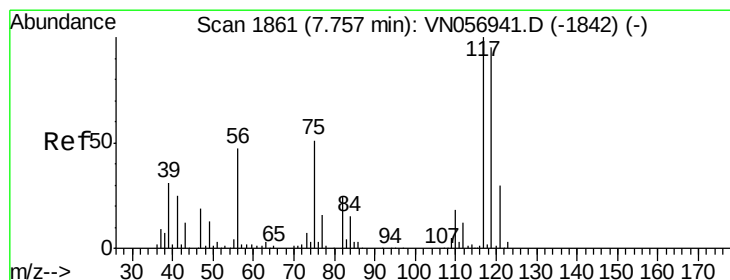
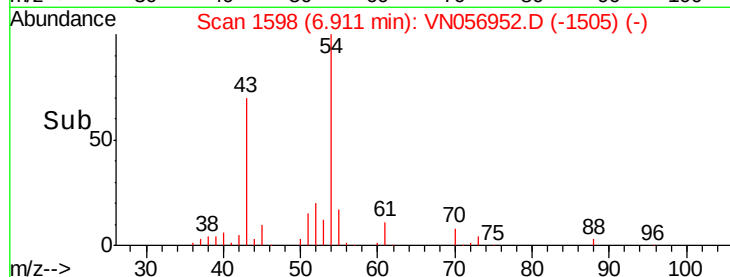
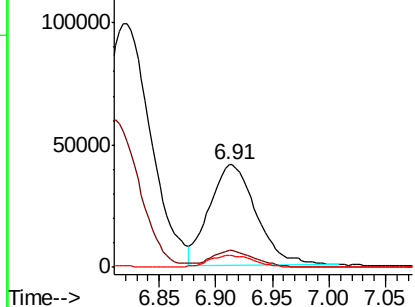
#37
Ethyl Acetate
Concen: 19.787 ug/l
RT: 6.91 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN056952.D
Acq: 26 Jul 2019 19:39

Instrument :
MSVOA_N
ClientSampled :
VN0727WBS01

Tot Ion: 43 Resp: 119647
Ion Ratio Lower Upper
43 100
61 15.8 11.8 17.6
70 11.4 8.5 12.7

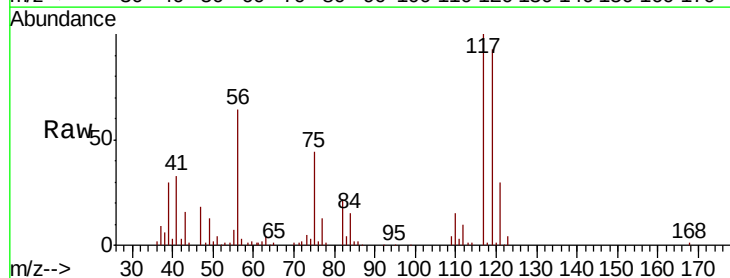


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

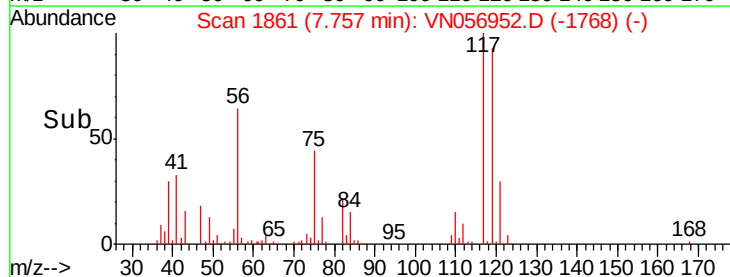
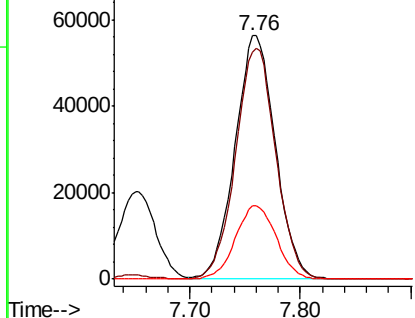


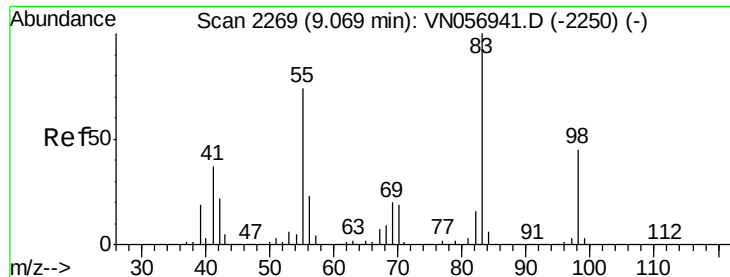
#38
Carbon Tetrachloride
Concen: 19.919 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VN056952.D
Acq: 26 Jul 2019 19:39

Tgt Ion: 117 Resp: 142245
Ion Ratio Lower Upper
117 100
119 93.1 75.3 112.9
121 30.2 24.2 36.4



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

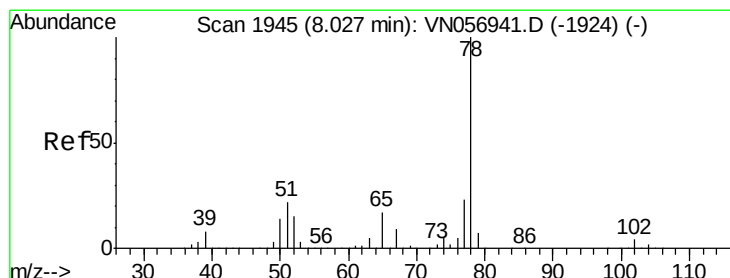
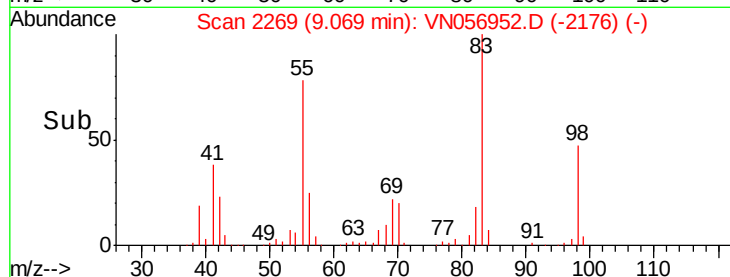
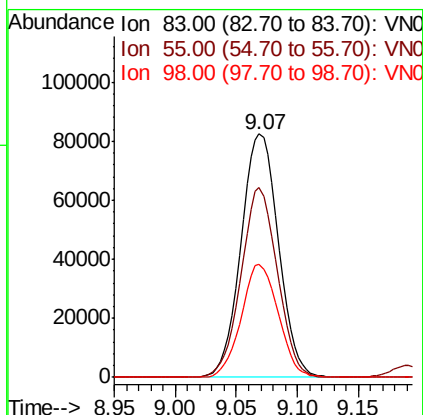
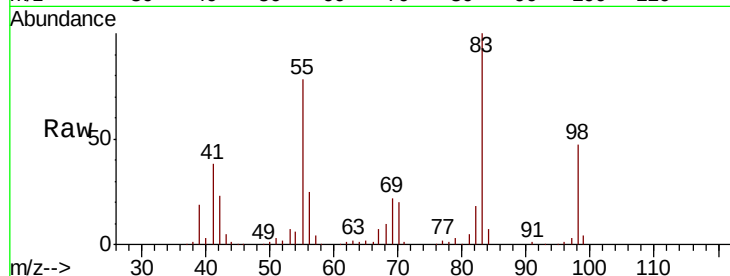




#39
Methylvlcyclohexane
Concen: 18.100 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN056952.D
Acq: 26 Jul 2019 19:39

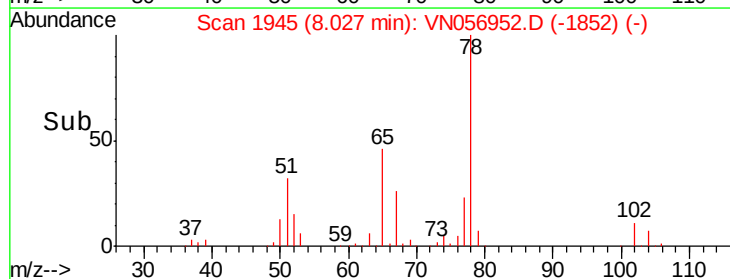
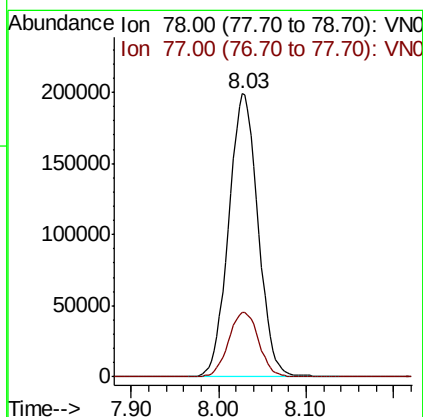
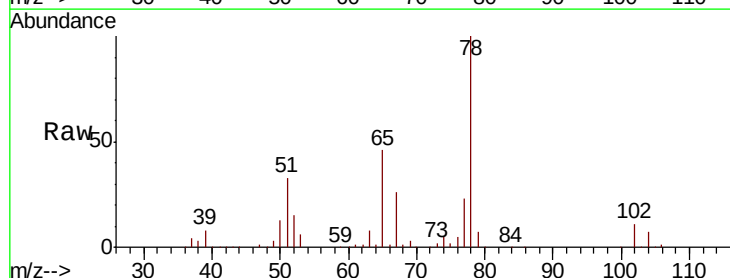
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

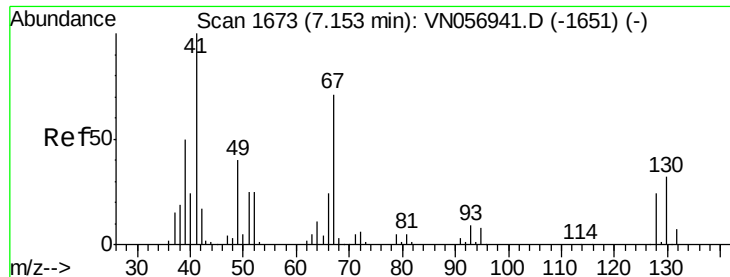
Tot Ion: 83 Resp: 174647
Ion Ratio Lower Upper
83 100
55 78.2 59.0 88.6
98 46.5 36.2 54.4



#40
Benzene
Concen: 19.961 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN056952.D
Acq: 26 Jul 2019 19:39

Tgt Ion: 78 Resp: 464168
Ion Ratio Lower Upper
78 100
77 22.7 18.3 27.5

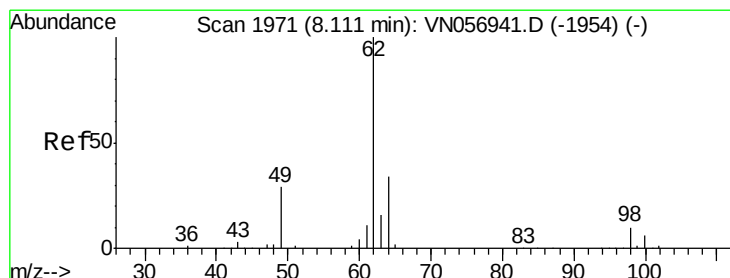
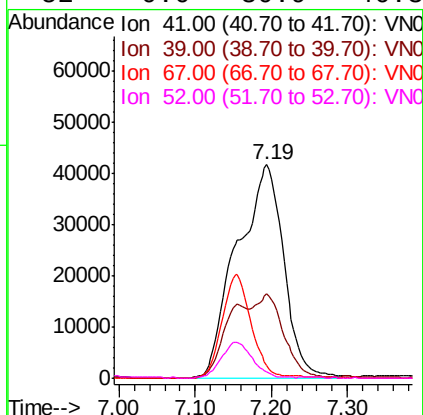
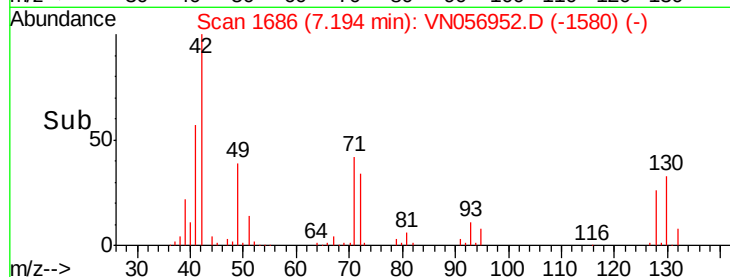
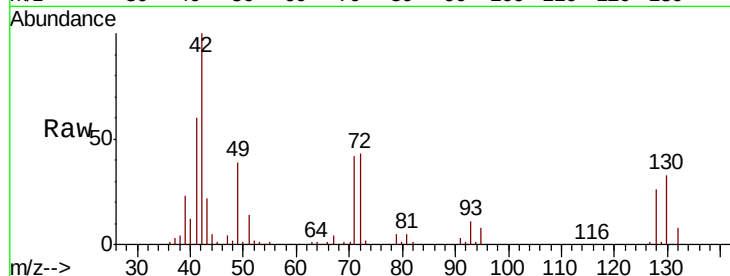




#41
Methacrylonitrile
Concen: 63.838 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.04 min
Lab File: VN056952.D
Acq: 26 Jul 2019 19:39

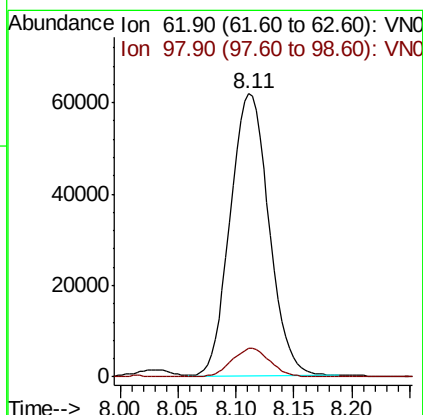
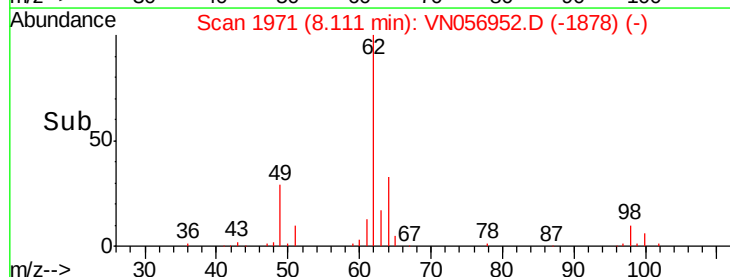
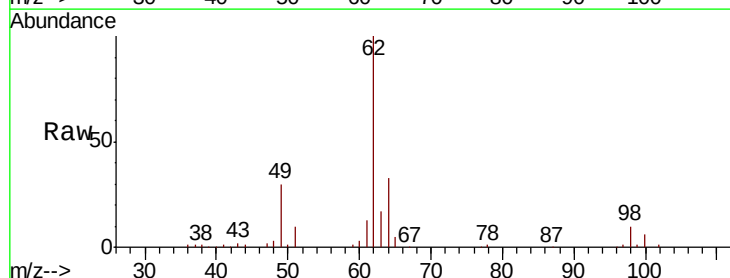
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

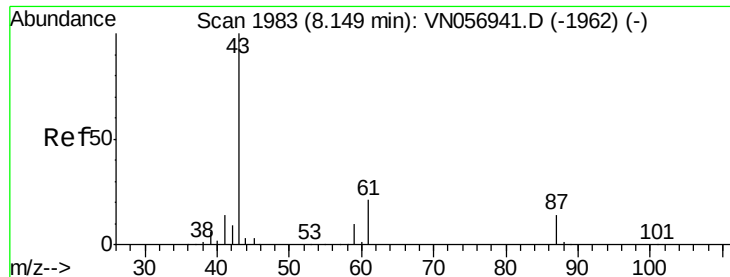
Tot Ion: 41 Resp: 178446
Ion Ratio Lower Upper
41 100
39 0.0 48.9 73.3#
67 0.0 83.4 125.0#
52 0.0 30.9 46.3#



#42
1,2-Dichloroethane
Concen: 19.710 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VN056952.D
Acq: 26 Jul 2019 19:39

Tgt Ion: 62 Resp: 143643
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.6





#43

Isopropyl Acetate

Concen: 20.077 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VN056952.D

Acq: 26 Jul 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01

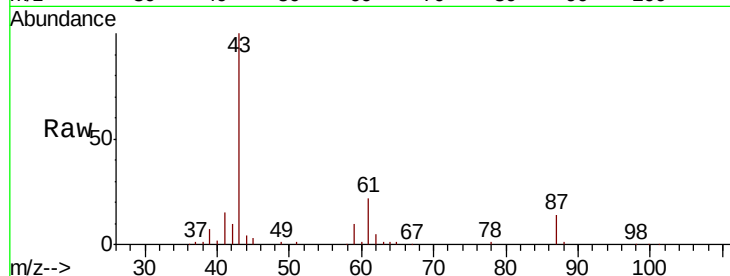
Tot Ion: 43 Resp: 200653

Ion Ratio Lower Upper

43 100

61 21.4 23.0 34.6#

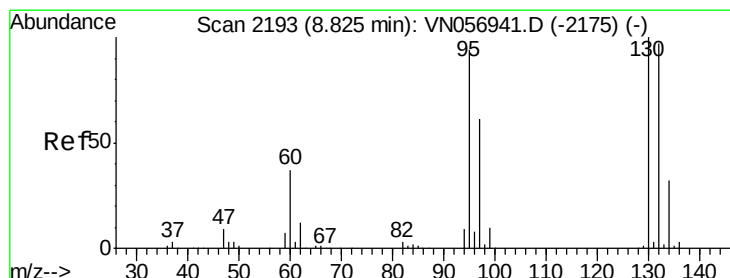
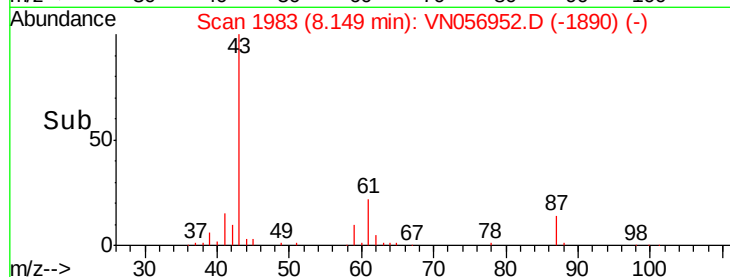
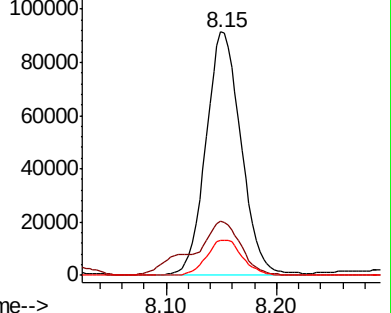
87 14.8 11.7 17.5



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: 19.700 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN056952.D

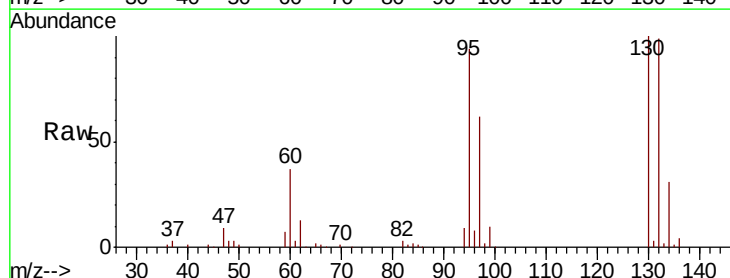
Acq: 26 Jul 2019 19:39

Tgt Ion:130 Resp: 126205

Ion Ratio Lower Upper

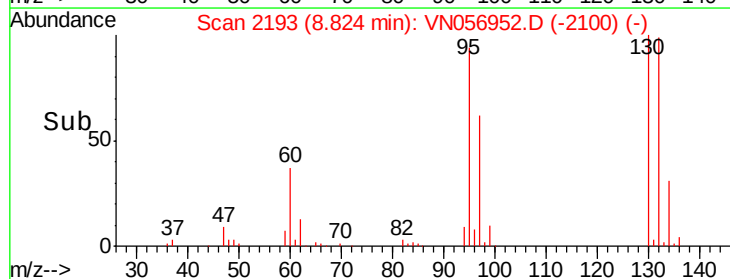
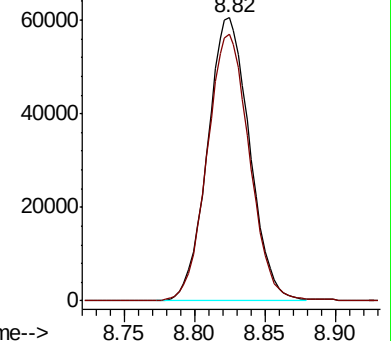
130 100

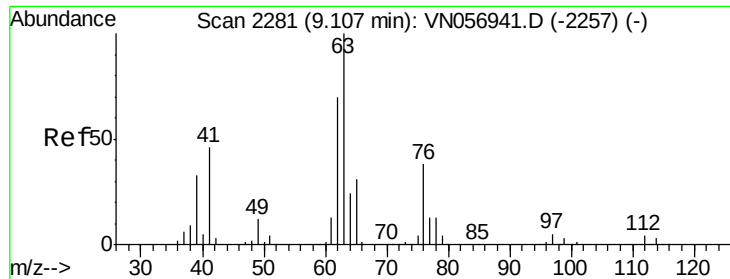
95 94.0 0.0 189.0



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

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

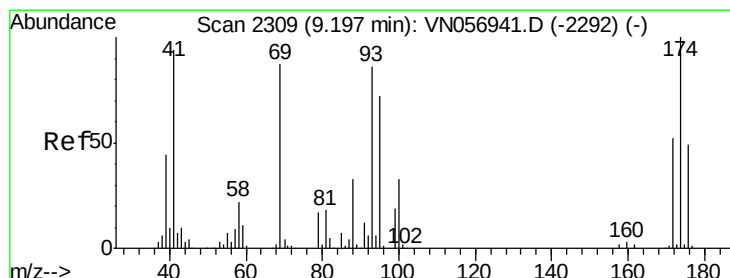
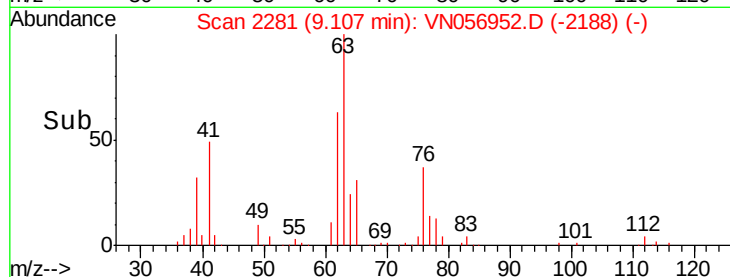
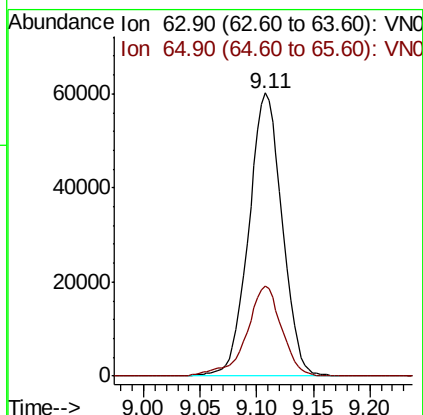
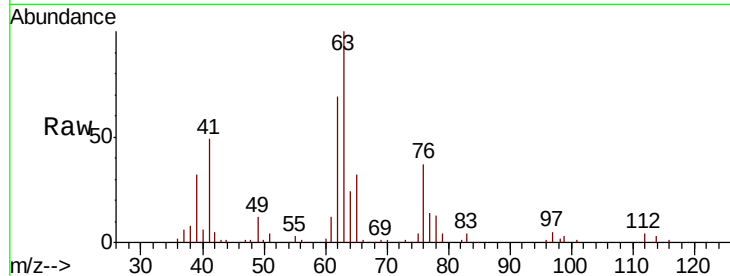




#45
 1,2-Dichloropropane
 Concen: 19.875 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: VN056952.D
 Acq: 26 Jul 2019 19:39

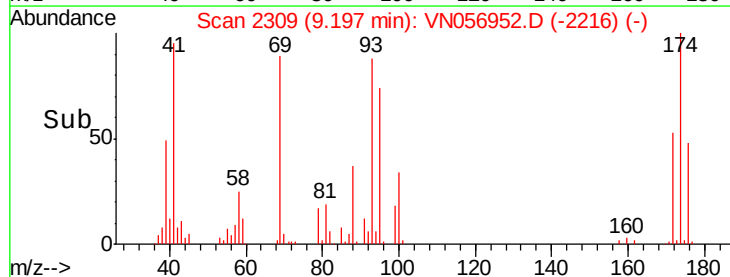
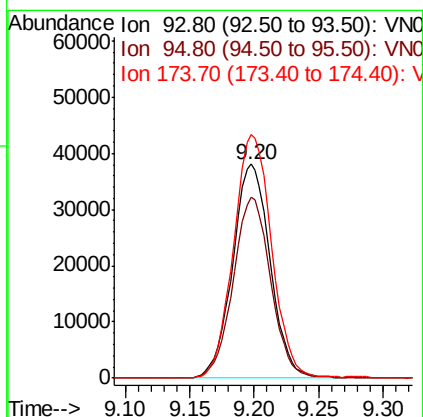
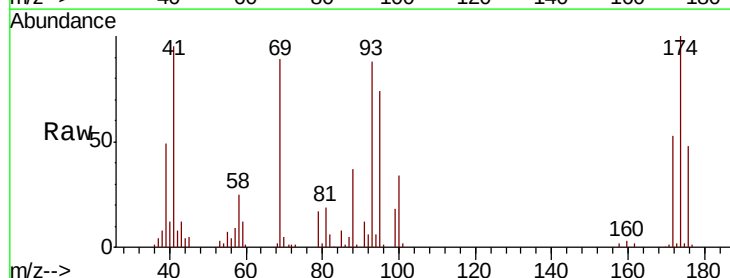
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01

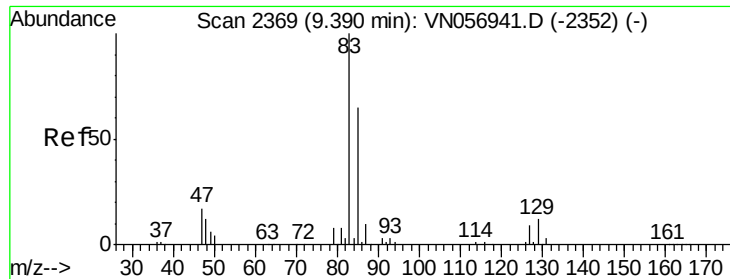
Tot Ion: 63 Resp: 123616
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.8 37.2



#46
 Dibromomethane
 Concen: 20.583 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN056952.D
 Acq: 26 Jul 2019 19:39

Tgt Ion: 93 Resp: 77207
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.0 100.6
 174 115.4 92.7 139.1





#47

Bromodichloromethane

Concen: 19.982 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN056952.D

Acq: 26 Jul 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01

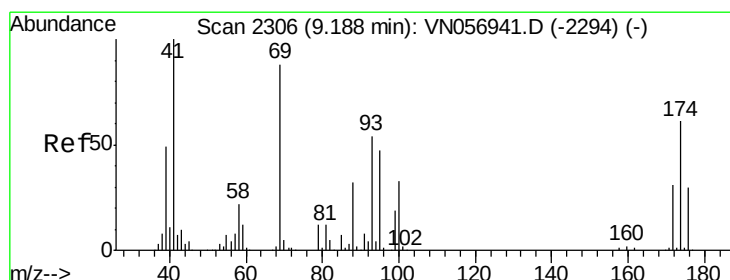
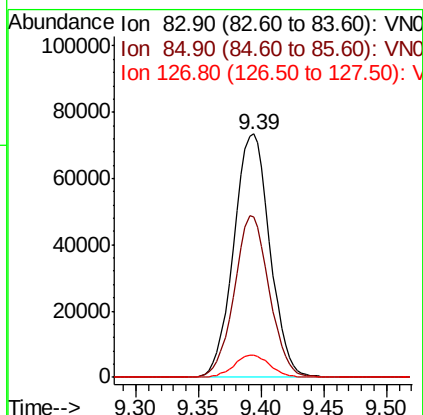
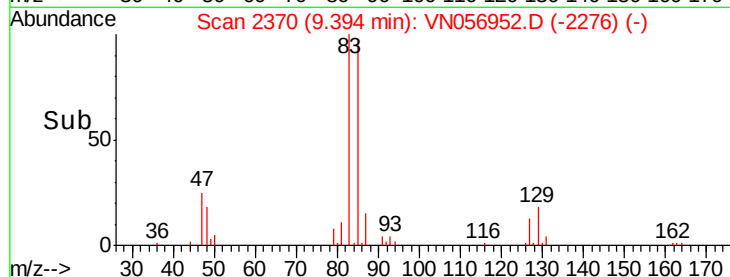
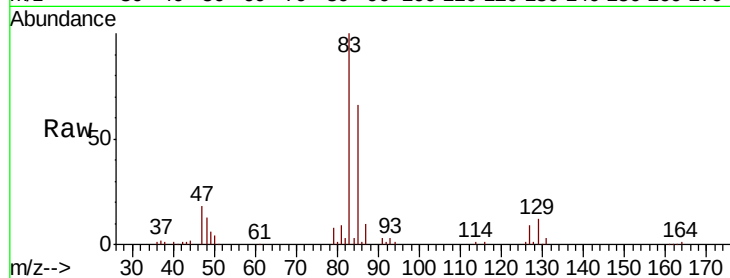
Tot Ion: 83 Resp: 147359

Ion Ratio Lower Upper

83 100

85 66.1 51.6 77.4

127 9.2 7.3 10.9



#48

Methyl methacrylate

Concen: 20.339 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN056952.D

Acq: 26 Jul 2019 19:39

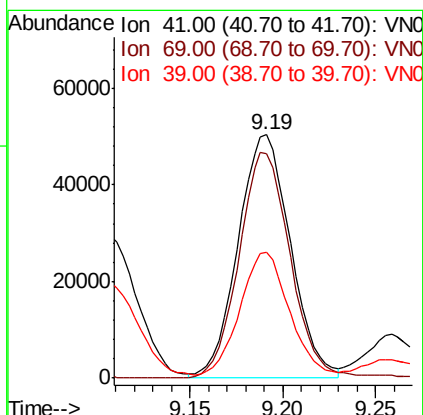
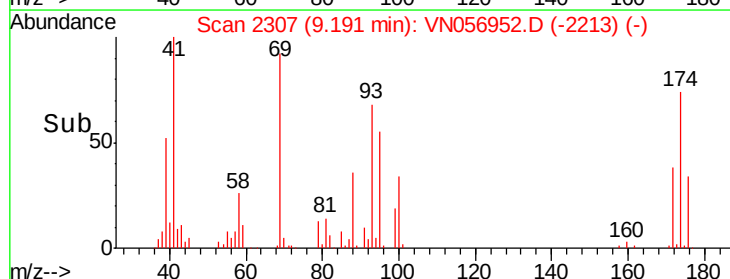
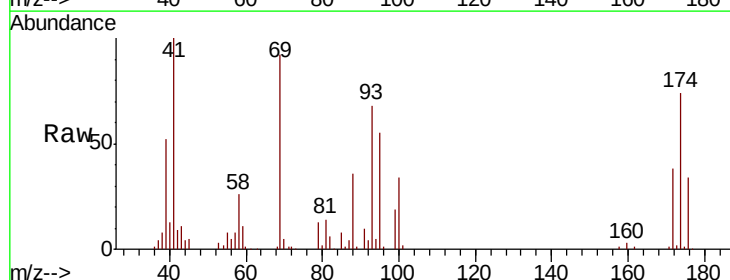
Tgt Ion: 41 Resp: 98135

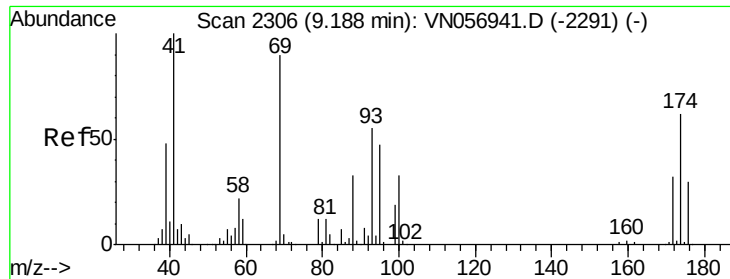
Ion Ratio Lower Upper

41 100

69 92.3 73.4 110.0

39 49.6 39.9 59.9

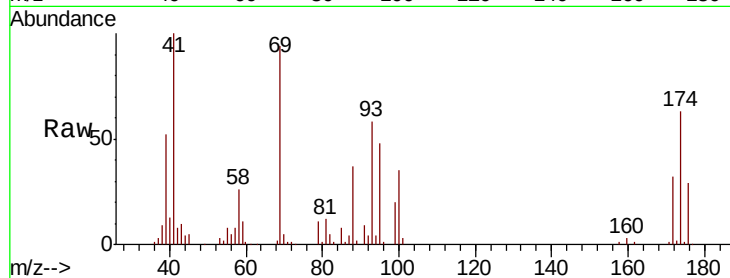




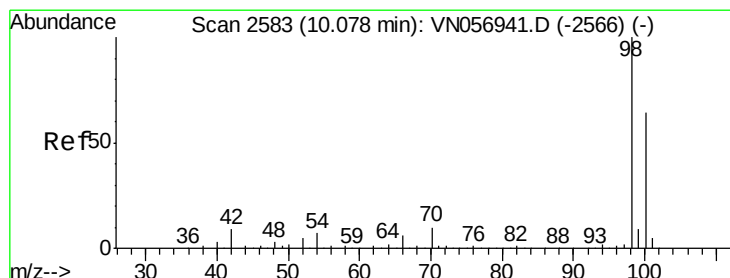
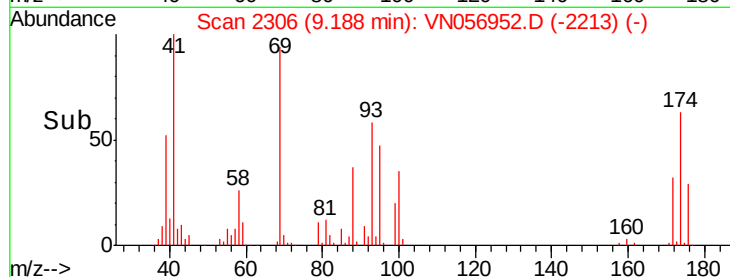
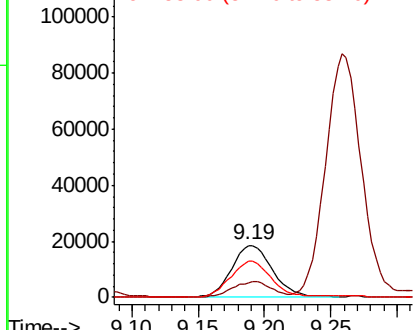
#49
 1,4-Dioxane
 Concen: 402.978 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN056952.D
 Acq: 26 Jul 2019 19:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01

Tot Ion: 88 Resp: 40070
 Ion Ratio Lower Upper
 88 100
 43 27.9 22.2 33.2
 58 69.5 54.1 81.1

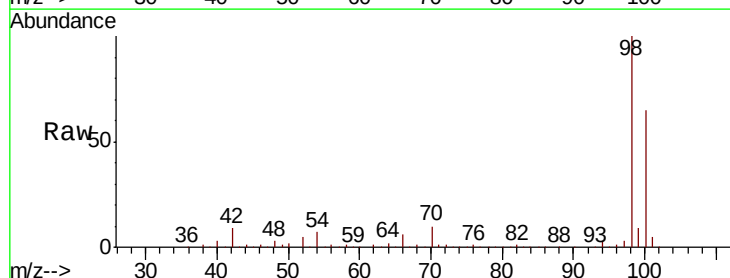


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

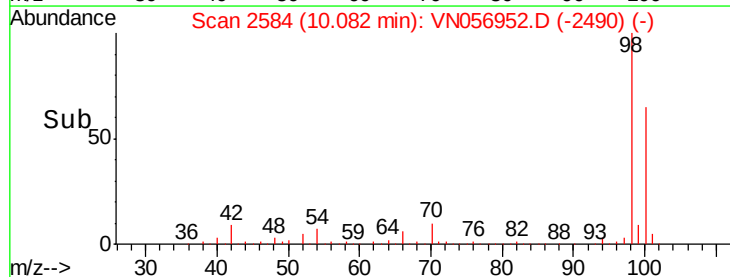
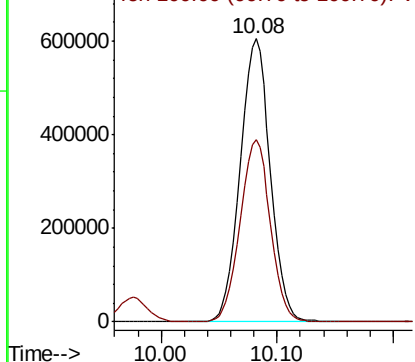


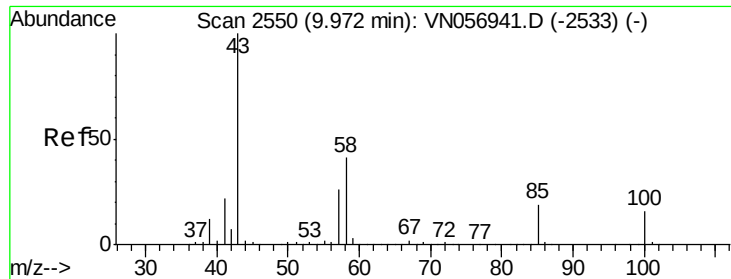
#50
 Toluene-d8
 Concen: 51.991 ug/l
 RT: 10.08 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: VN056952.D
 Acq: 26 Jul 2019 19:39

Tgt Ion: 98 Resp: 1088987
 Ion Ratio Lower Upper
 98 100
 100 64.7 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: 101.464 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN056952.D

Acq: 26 Jul 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

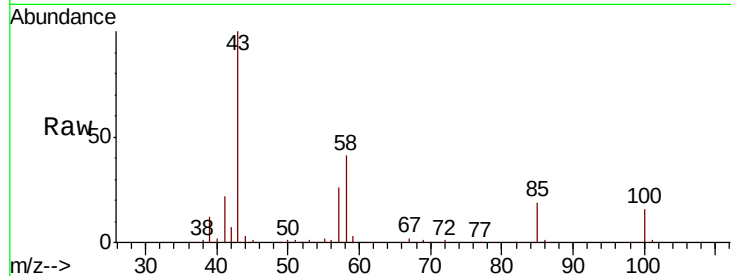
VN0727WBS01

Tot Ion: 43 Resp: 602499

Ion Ratio Lower Upper

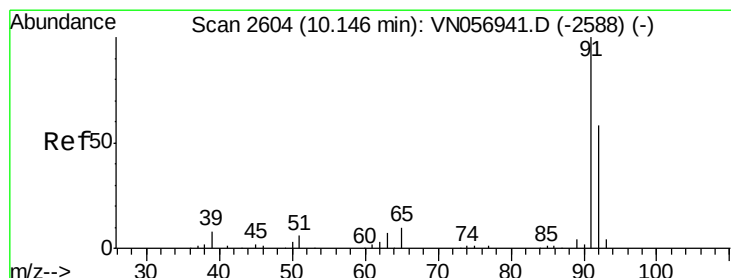
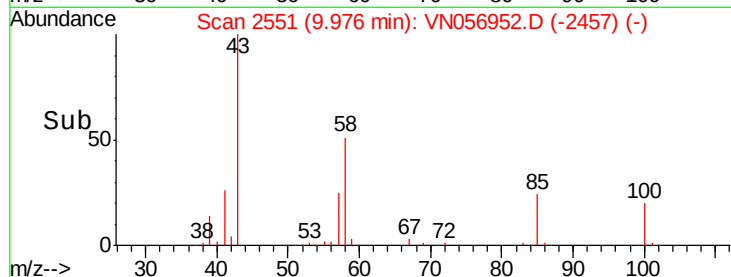
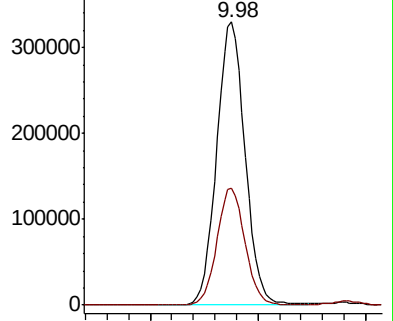
43 100

58 40.9 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 20.025 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VN056952.D

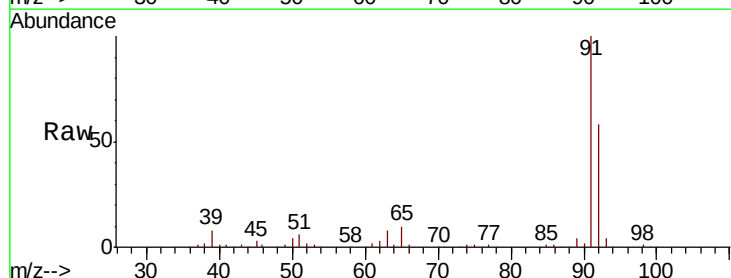
Acq: 26 Jul 2019 19:39

Tgt Ion: 92 Resp: 279765

Ion Ratio Lower Upper

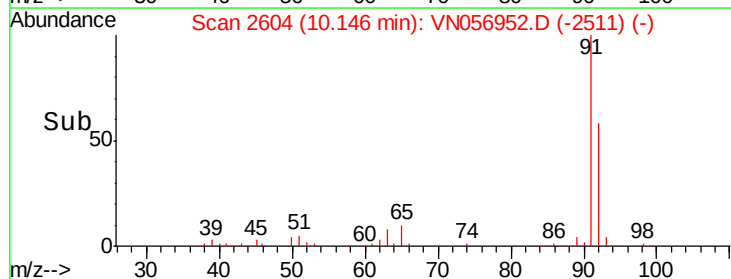
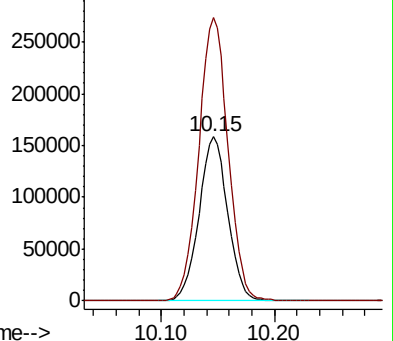
92 100

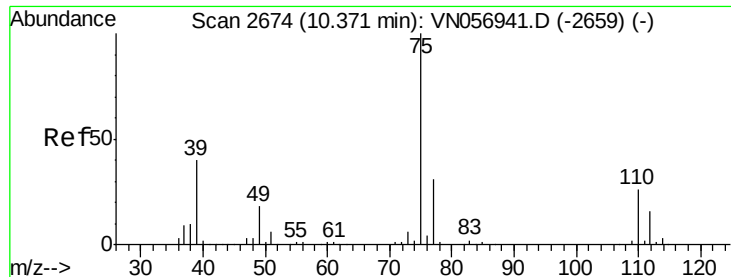
91 176.5 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

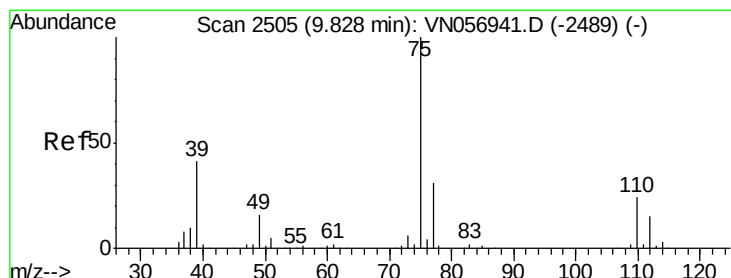
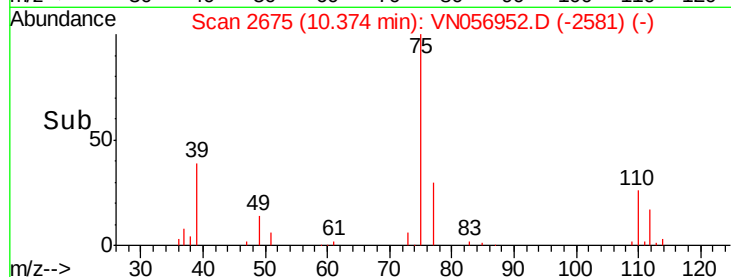
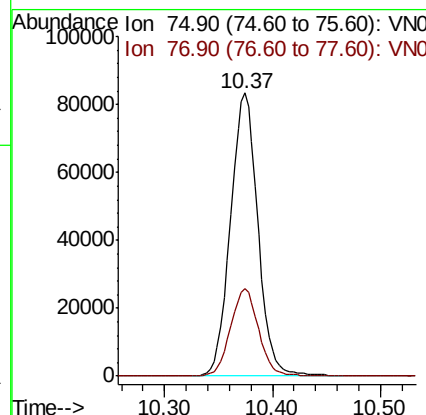
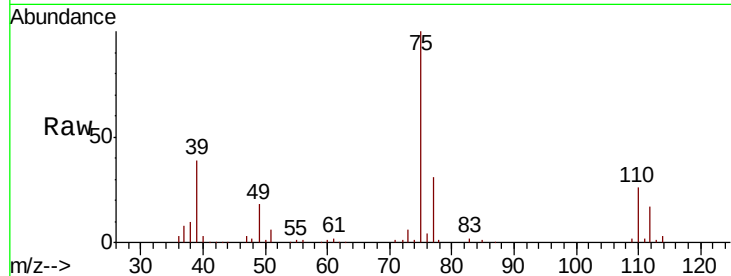




#53
 t-1,3-Dichloropropene
 Concen: 19.323 ug/l
 RT: 10.37 min Scan# 2675
 Delta R.T. 0.00 min
 Lab File: VN056952.D
 Acq: 26 Jul 2019 19:39

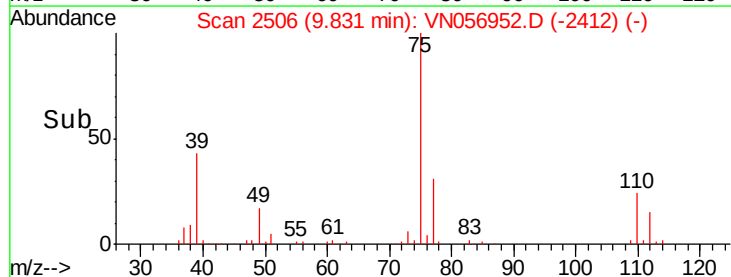
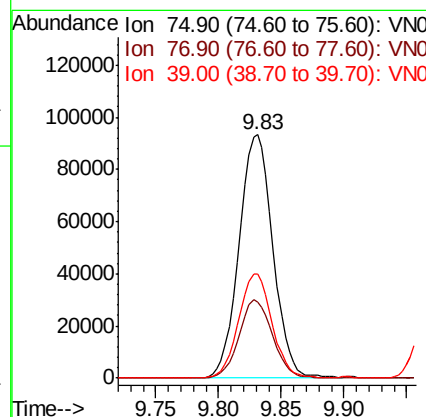
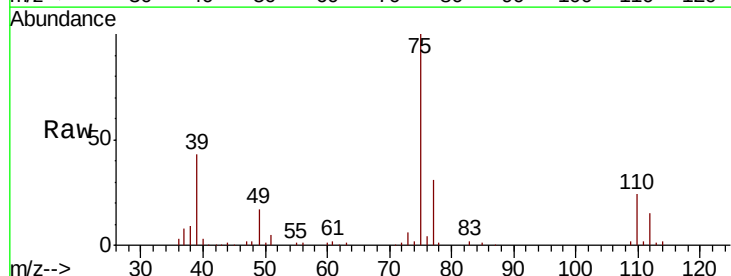
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01

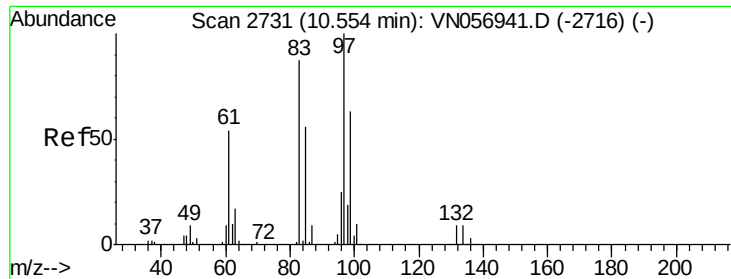
Tot Ion: 75 Resp: 147873
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 19.640 ug/l
 RT: 9.83 min Scan# 2506
 Delta R.T. 0.00 min
 Lab File: VN056952.D
 Acq: 26 Jul 2019 19:39

Tgt Ion: 75 Resp: 174757
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.6
 39 42.8 32.6 49.0





#55

1,1,2-Trichloroethane

Concen: 20.347 ug/l

RT: 10.55 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VN056952.D

Acq: 26 Jul 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01

Tot Ion: 97 Resp: 114001

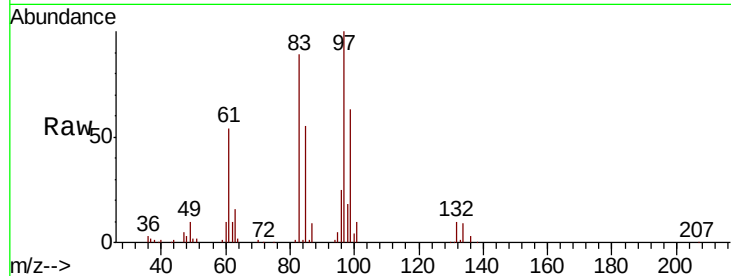
Ion Ratio Lower Upper

97 100

83 88.8 69.4 104.0

85 55.3 44.7 67.1

99 62.9 50.1 75.1

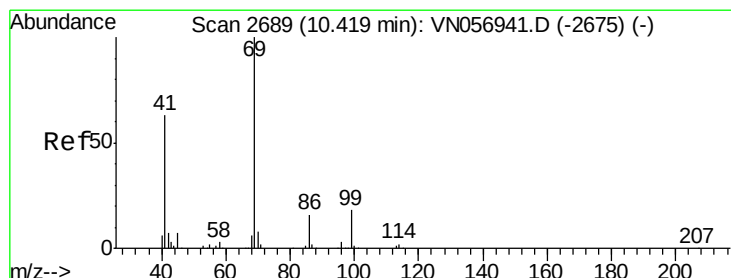
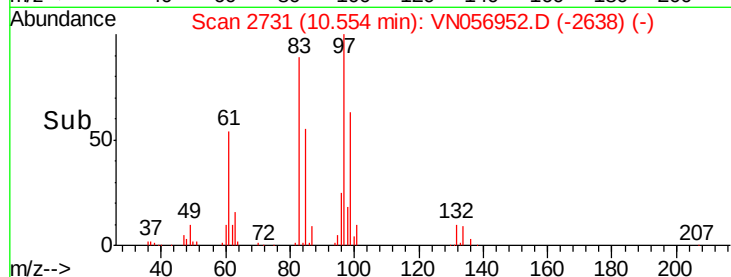
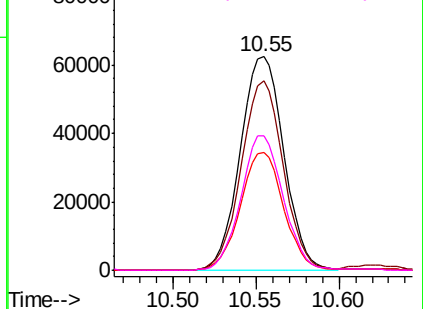


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 18.937 ug/l

RT: 10.42 min Scan# 2689

Delta R.T. 0.00 min

Lab File: VN056952.D

Acq: 26 Jul 2019 19:39

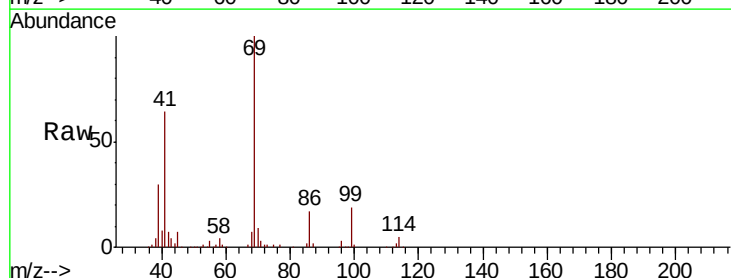
Tgt Ion: 69 Resp: 150633

Ion Ratio Lower Upper

69 100

41 61.1 49.2 73.8

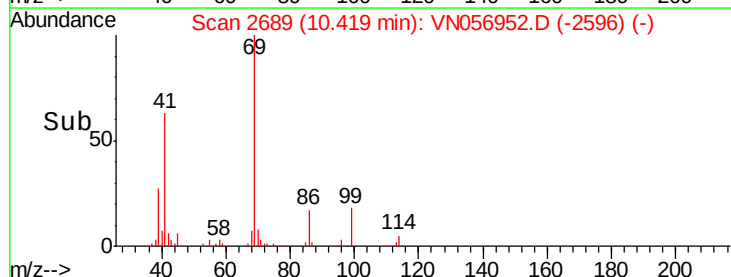
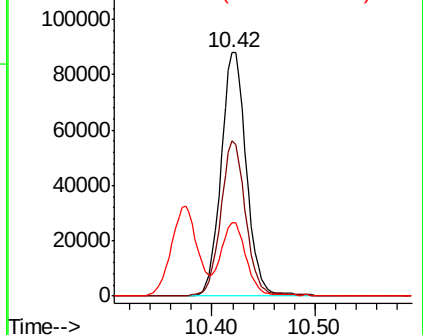
39 30.2 23.1 34.7

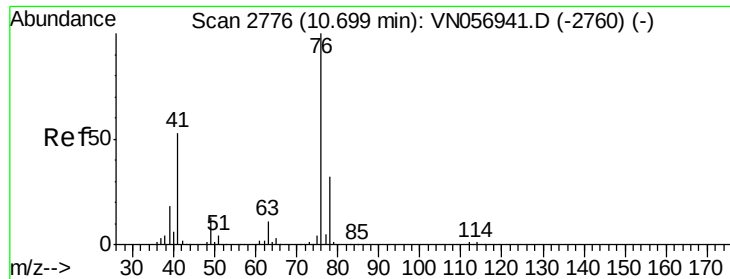


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 20.009 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN056952.D

Acq: 26 Jul 2019 19:39

Instrument :

MSVOA_N

ClientSampled :

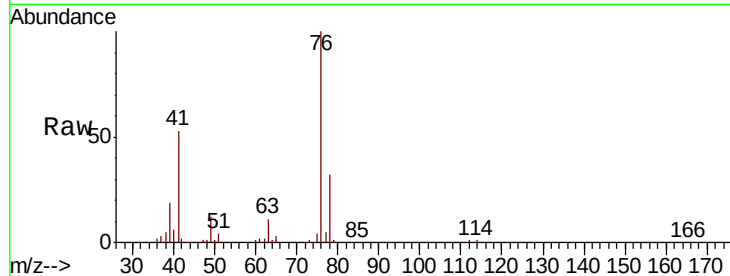
VN0727WBS01

Tot Ion: 76 Resp: 185898

Ion Ratio Lower Upper

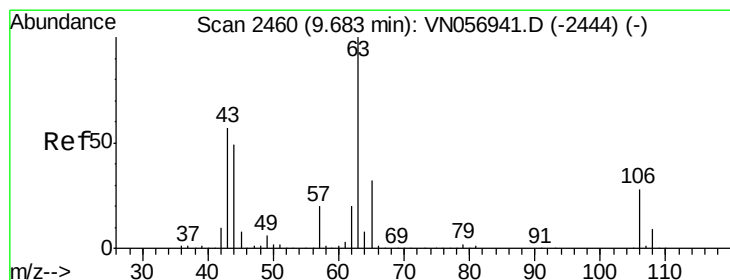
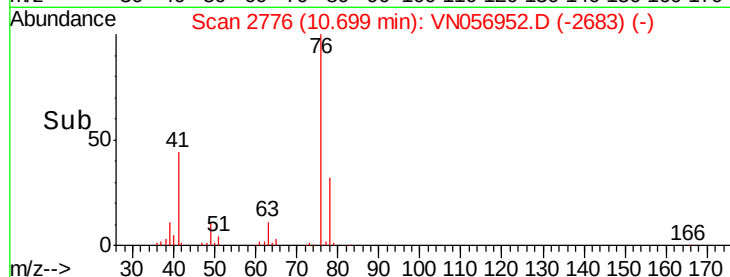
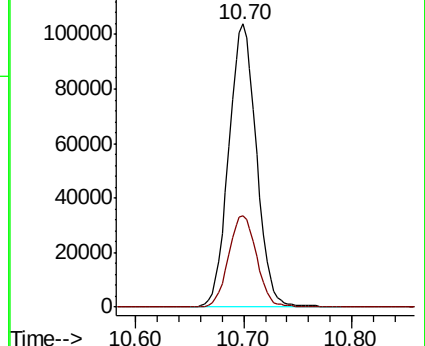
76 100

78 32.9 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 93.721 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN056952.D

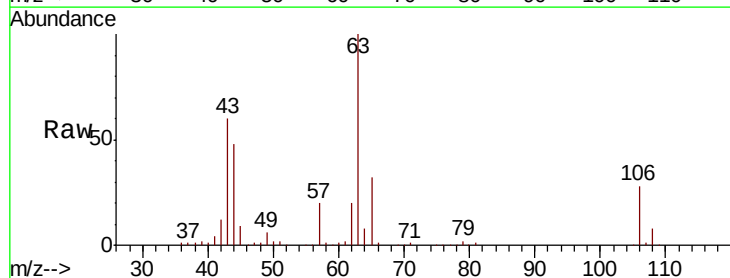
Acq: 26 Jul 2019 19:39

Tgt Ion: 63 Resp: 314663

Ion Ratio Lower Upper

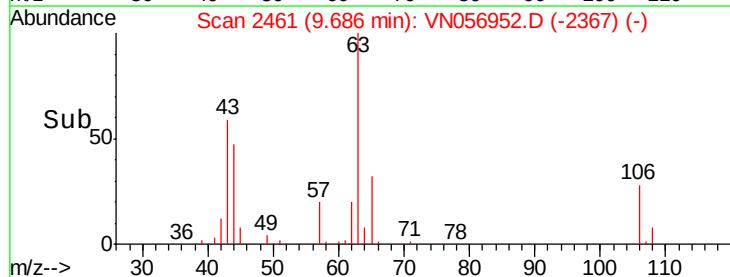
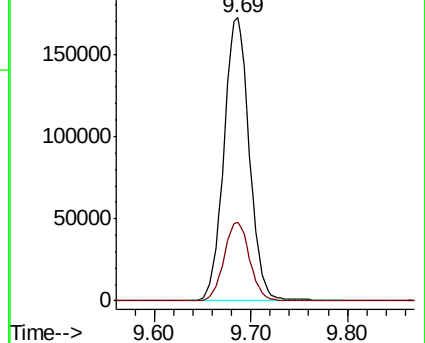
63 100

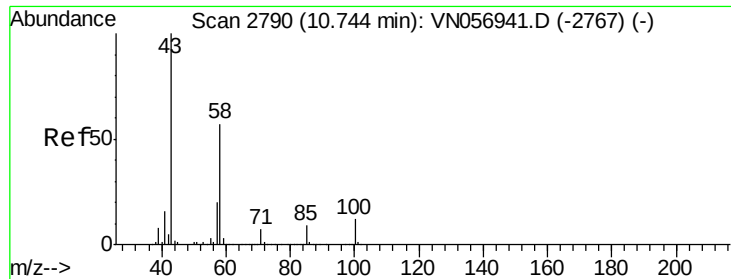
106 28.0 22.0 33.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

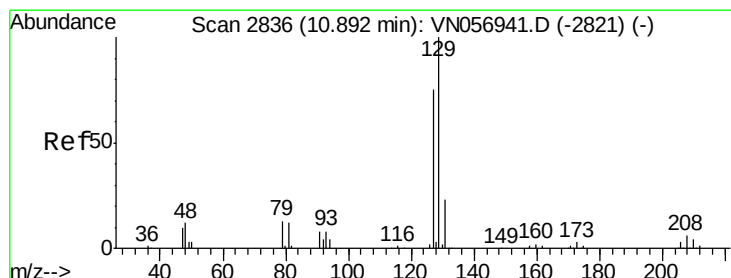
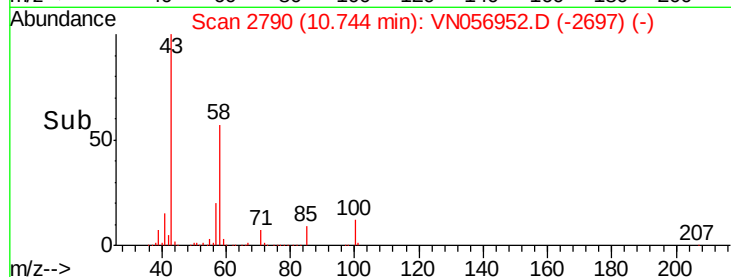
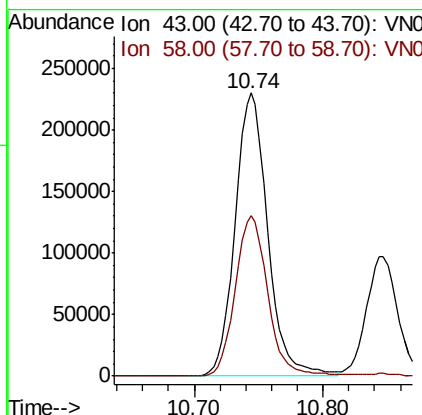
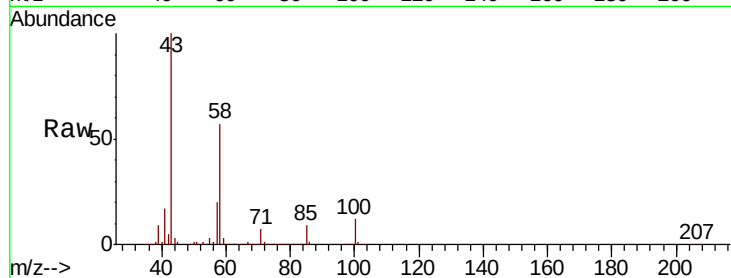




#59
2-Hexanone
Concen: 89.729 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VN056952.D
Acq: 26 Jul 2019 19:39

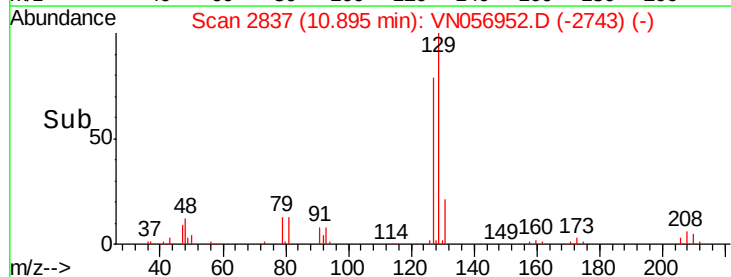
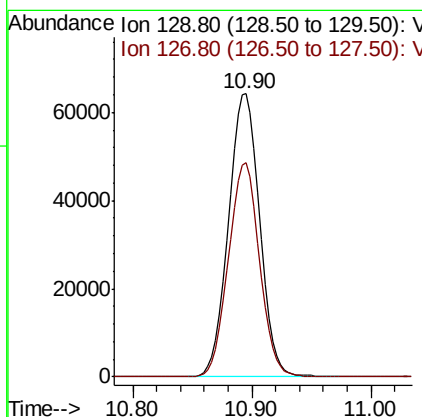
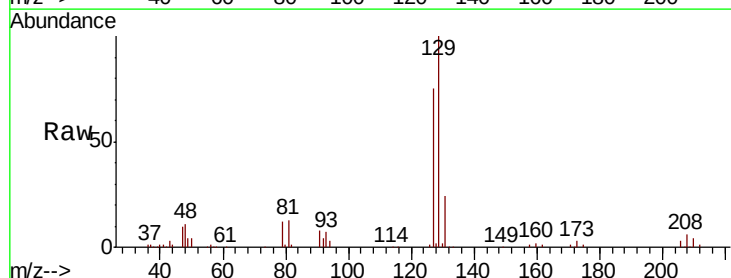
Instrument :
MSVOA_N
ClientSampled :
VN0727WBS01

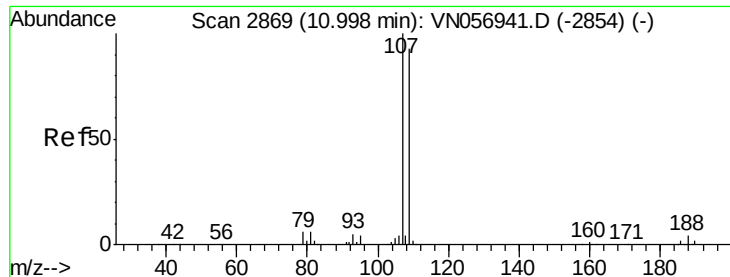
Tot Ion: 43 Resp: 402919
Ion Ratio Lower Upper
43 100
58 56.7 28.5 85.5



#60
Dibromochloromethane
Concen: 20.339 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. 0.00 min
Lab File: VN056952.D
Acq: 26 Jul 2019 19:39

Tgt Ion: 129 Resp: 116750
Ion Ratio Lower Upper
129 100
127 75.3 38.0 113.9

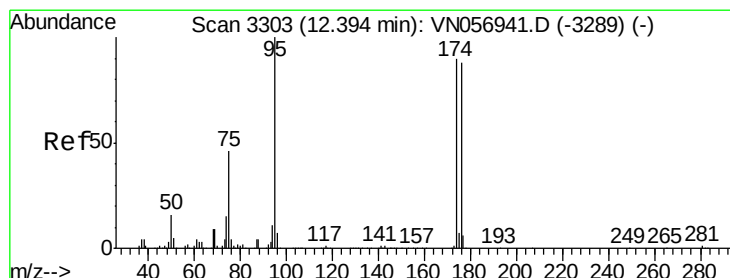
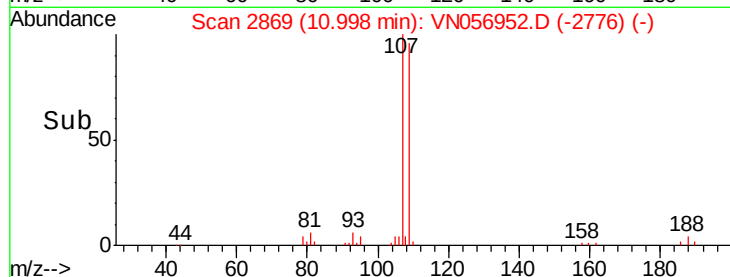
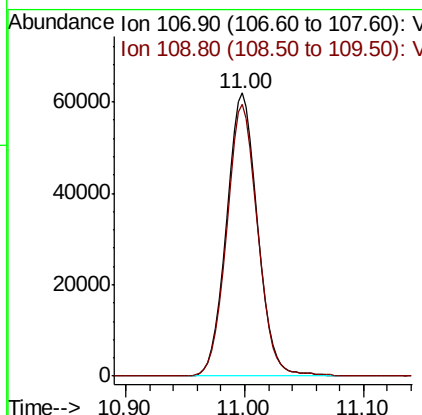
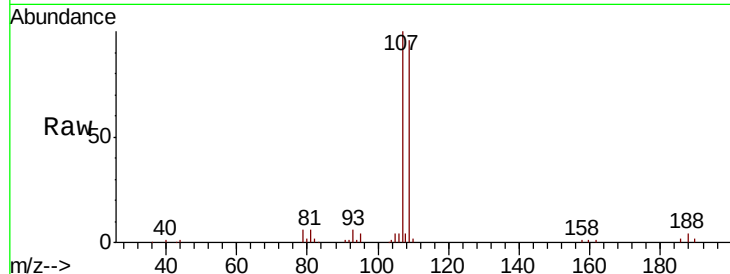




#61
 1,2-Dibromoethane
 Concen: 20.425 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. -0.00 min
 Lab File: VN056952.D
 Acq: 26 Jul 2019 19:39

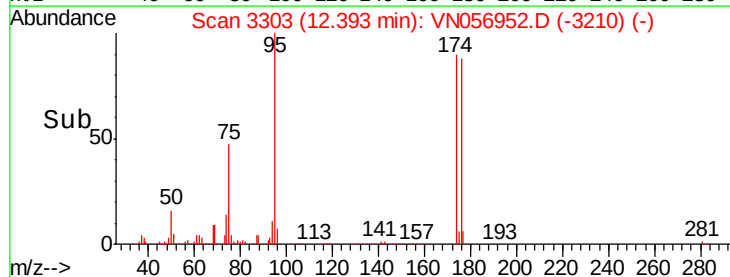
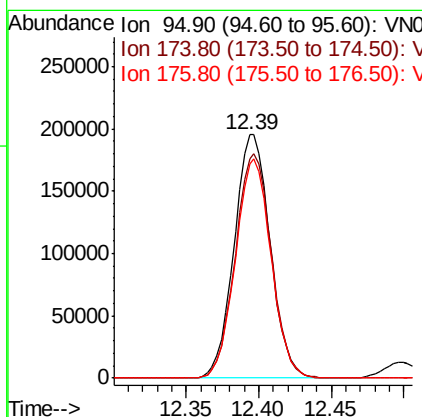
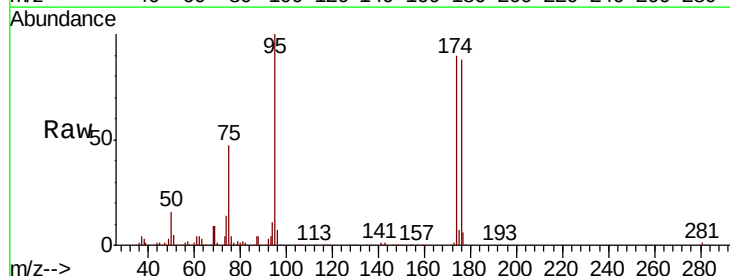
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01

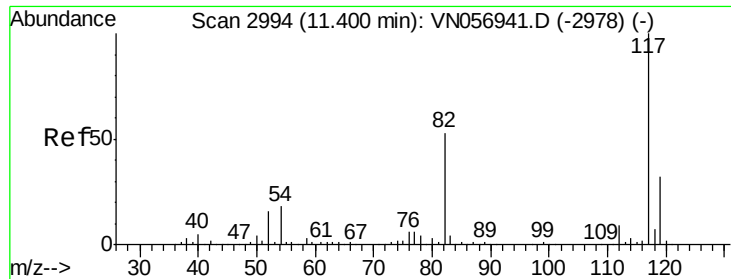
Tot Ion:107 Resp: 111676
 Ion Ratio Lower Upper
 107 100
 109 96.1 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 49.278 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. -0.00 min
 Lab File: VN056952.D
 Acq: 26 Jul 2019 19:39

Tgt Ion: 95 Resp: 336016
 Ion Ratio Lower Upper
 95 100
 174 92.5 0.0 182.2
 176 89.4 0.0 179.4

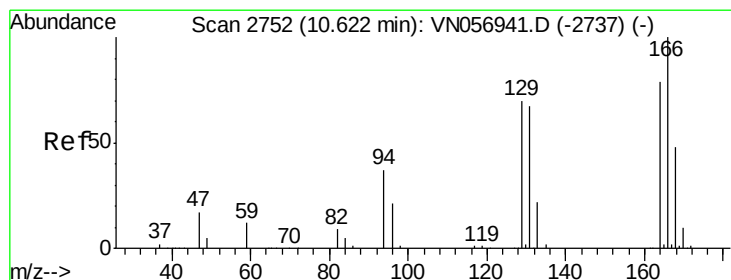
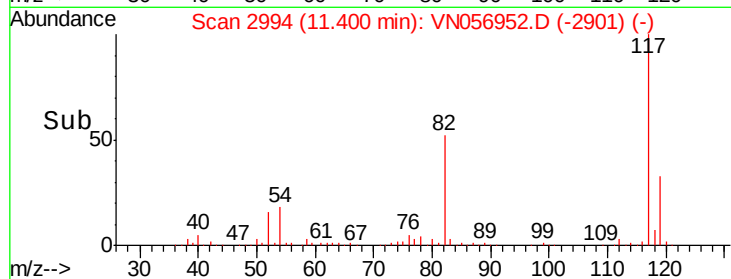
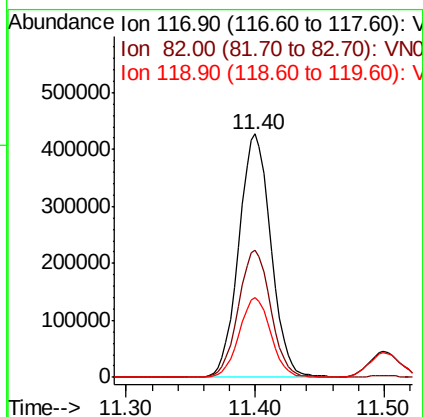
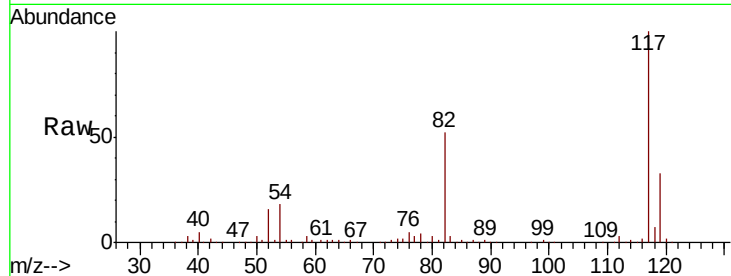




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN056952.D
Acq: 26 Jul 2019 19:39

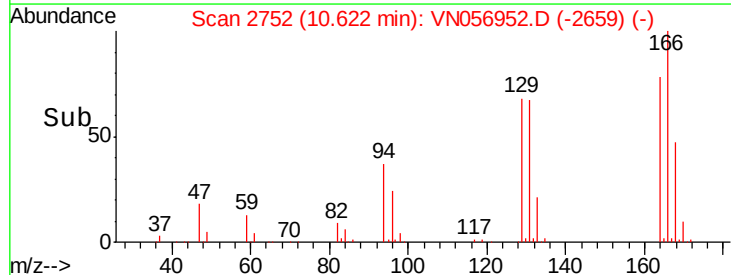
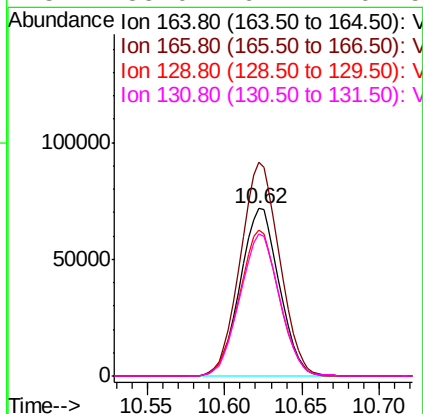
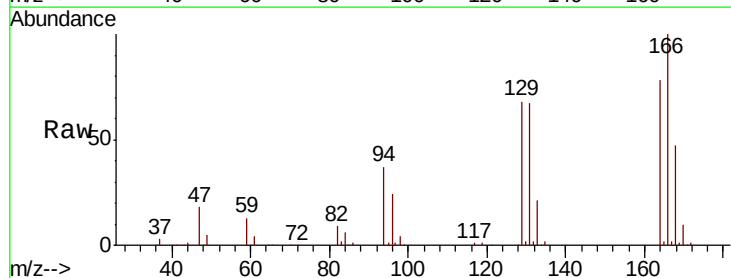
Instrument :
MSVOA_N
ClientSampled :
VN0727WBS01

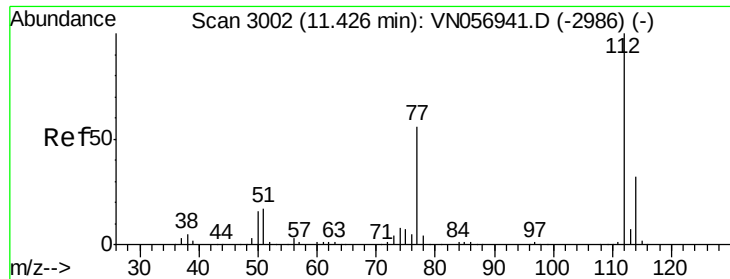
Tot Ion:117 Resp: 740072
Ion Ratio Lower Upper
117 100
82 52.4 42.2 63.4
119 32.6 25.8 38.6



#64
Tetrachloroethene
Concen: 19.805 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN056952.D
Acq: 26 Jul 2019 19:39

Tgt Ion:164 Resp: 126310
Ion Ratio Lower Upper
164 100
166 127.6 101.1 151.7
129 87.4 70.9 106.3
131 85.0 67.7 101.5

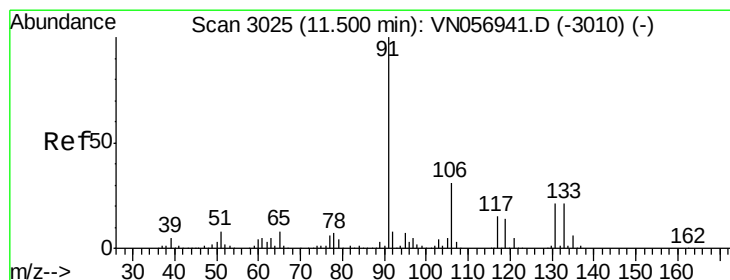
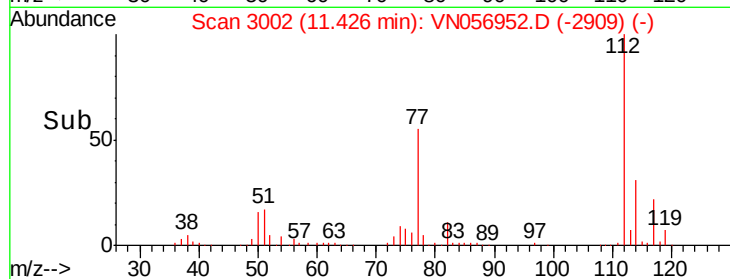
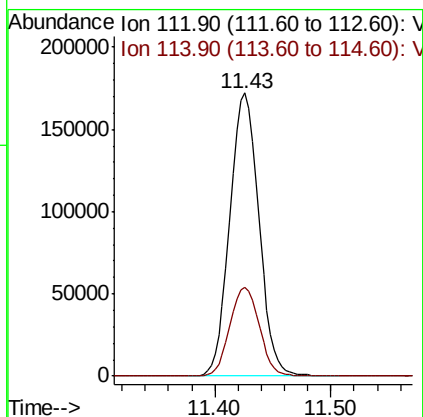
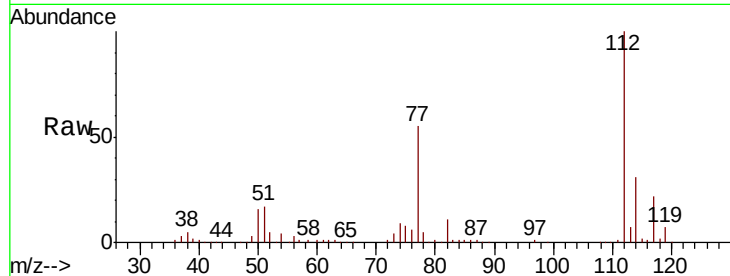




#65
Chlorobenzene
Concen: 19.790 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN056952.D
Acq: 26 Jul 2019 19:39

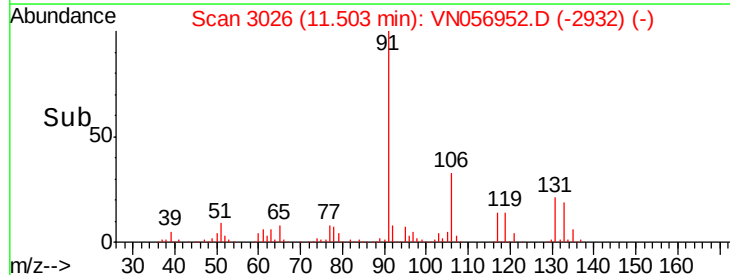
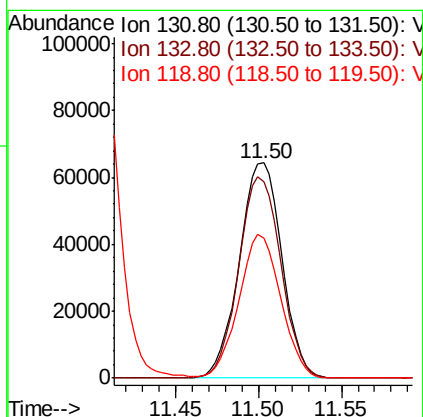
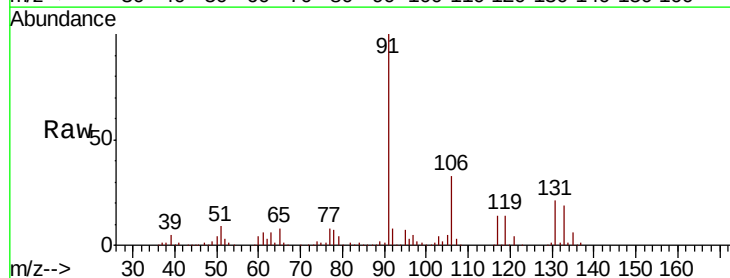
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

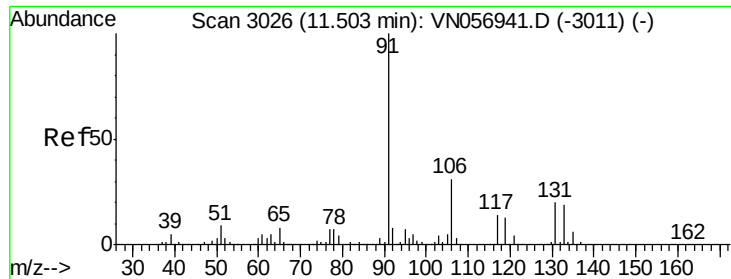
Tot Ion:112 Resp: 298500
Ion Ratio Lower Upper
112 100
114 31.4 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.269 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN056952.D
Acq: 26 Jul 2019 19:39

Tgt Ion:131 Resp: 115075
Ion Ratio Lower Upper
131 100
133 92.7 48.0 144.0
119 65.8 33.2 99.6

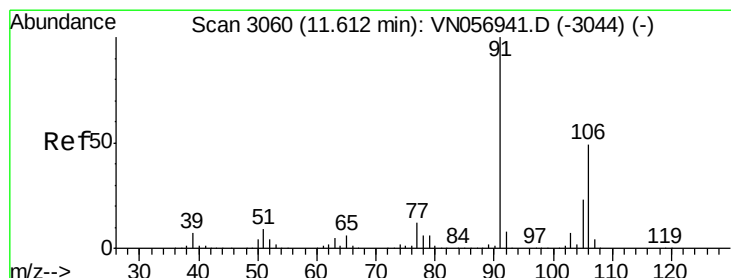
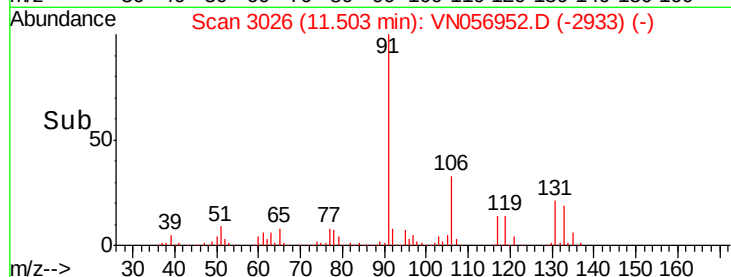
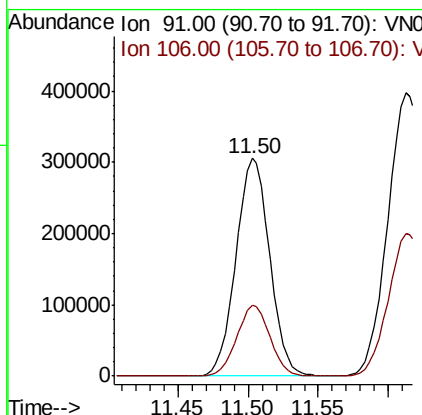
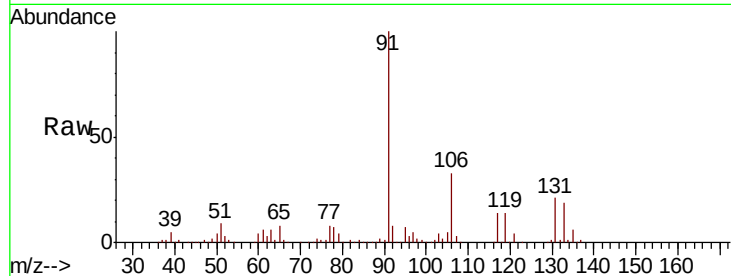




#67
Ethyl Benzene
Concen: 19.671 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN056952.D
Acq: 26 Jul 2019 19:39

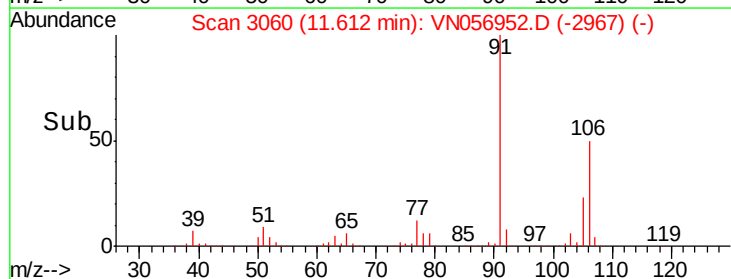
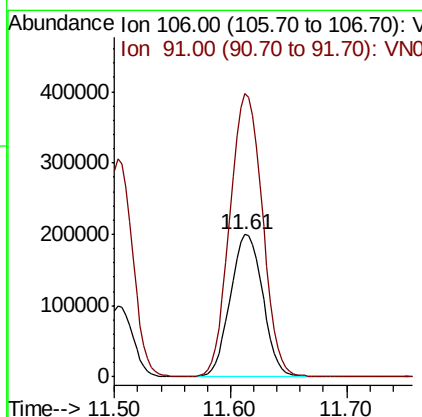
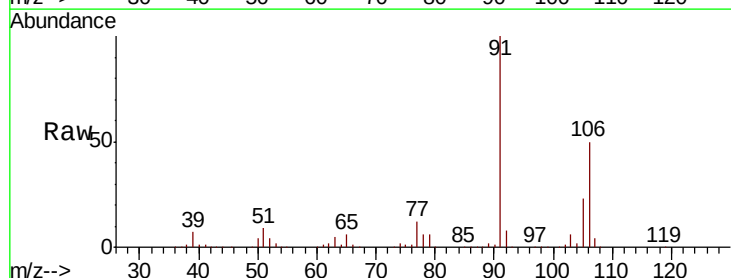
Instrument :
MSVOA_N
ClientSampled :
VN0727WBS01

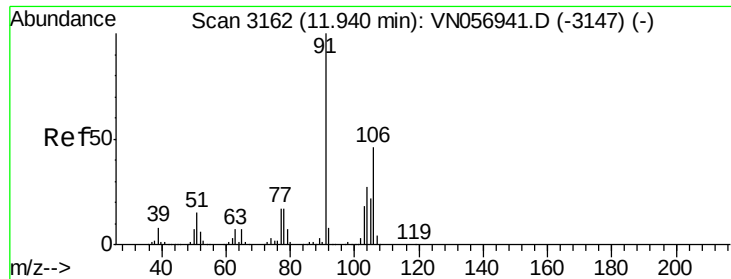
Tot Ion: 91 Resp: 512800
Ion Ratio Lower Upper
91 100
106 32.6 25.1 37.7



#68
m/p-Xylenes
Concen: 40.286 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN056952.D
Acq: 26 Jul 2019 19:39

Tgt Ion: 106 Resp: 387595
Ion Ratio Lower Upper
106 100
91 199.8 160.0 240.0

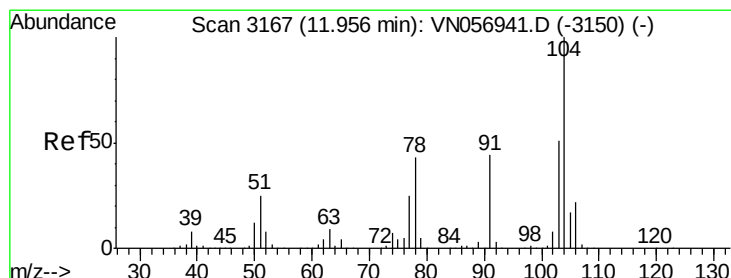
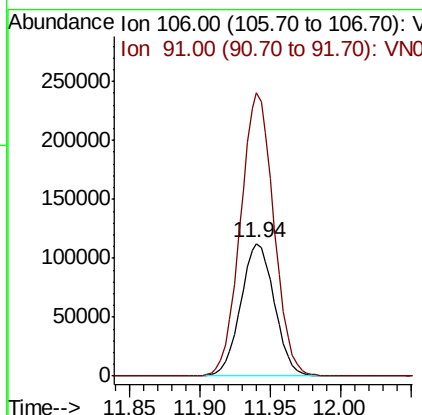
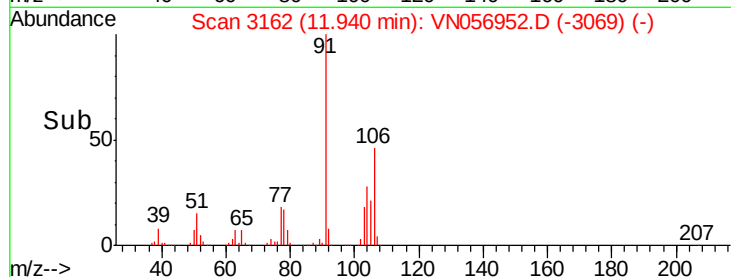
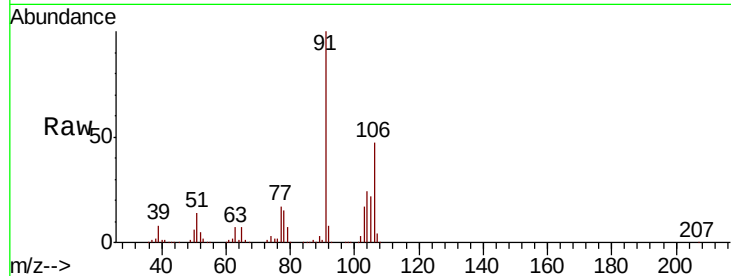




#69
o-Xylene
Concen: 20.031 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN056952.D
Acq: 26 Jul 2019 19:39

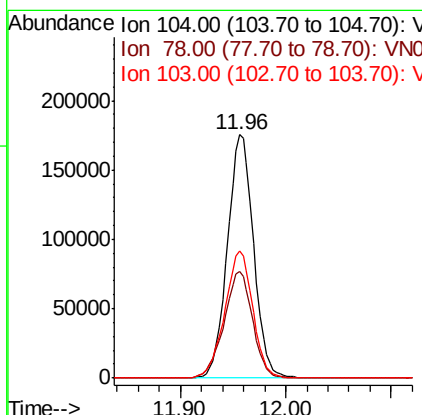
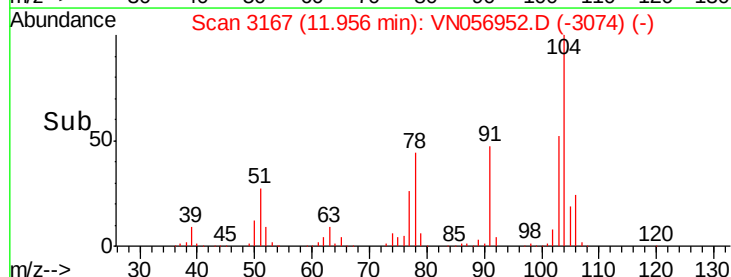
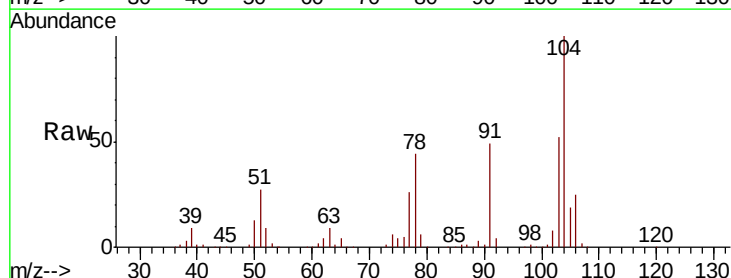
Instrument :
MSVOA_N
ClientSampled :
VN0727WBS01

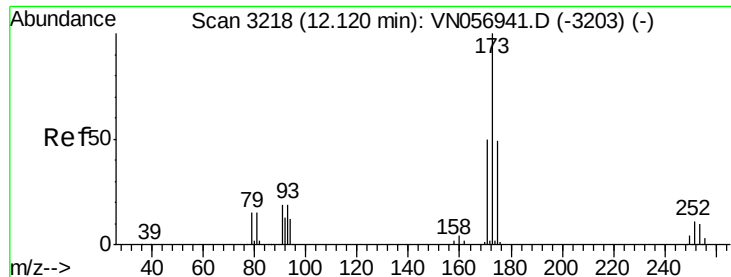
Tot Ion:106 Resp: 188545
Ion Ratio Lower Upper
106 100
91 211.4 106.2 318.6



#70
Styrene
Concen: 19.259 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN056952.D
Acq: 26 Jul 2019 19:39

Tgt Ion:104 Resp: 300575
Ion Ratio Lower Upper
104 100
78 47.8 38.1 57.1
103 55.9 44.3 66.5





#71

Bromoform

Concen: 19.666 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. -0.00 min

Lab File: VN056952.D

Acq: 26 Jul 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01

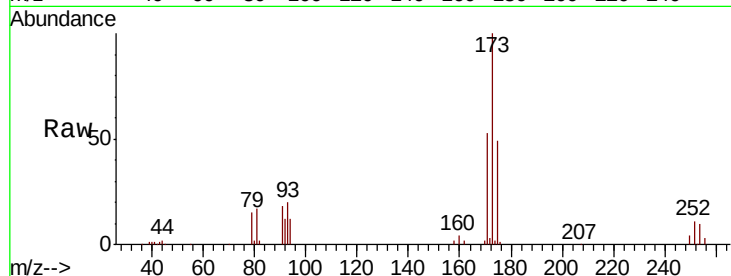
Tot Ion:173 Resp: 77951

Ion Ratio Lower Upper

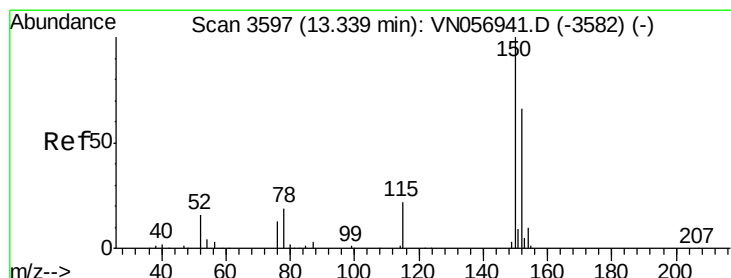
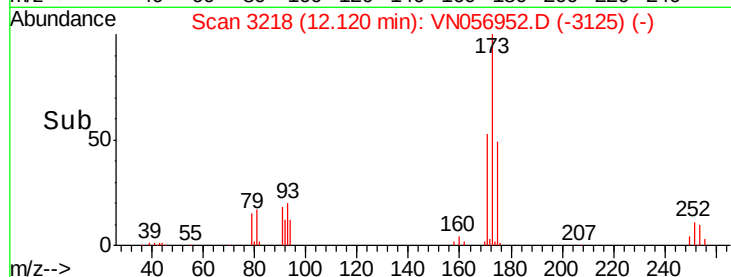
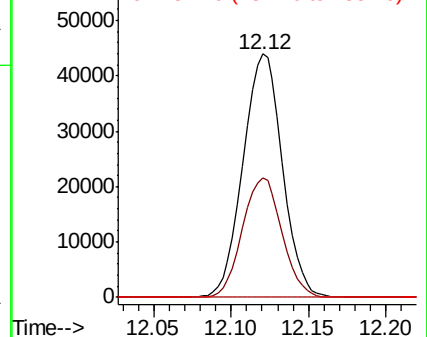
173 100

175 48.9 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: VN056952.D

Acq: 26 Jul 2019 19:39

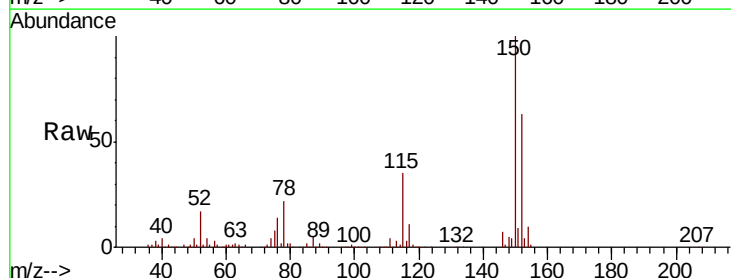
Tgt Ion:152 Resp: 285582

Ion Ratio Lower Upper

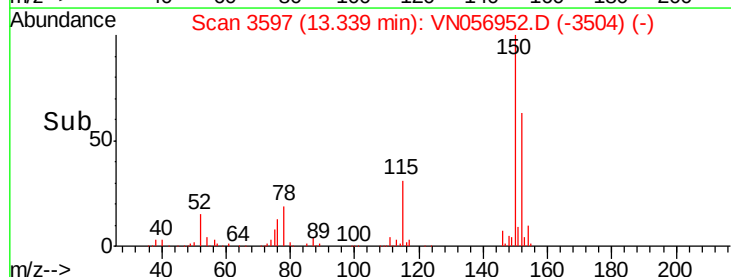
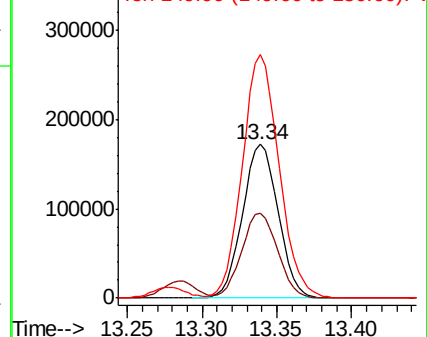
152 100

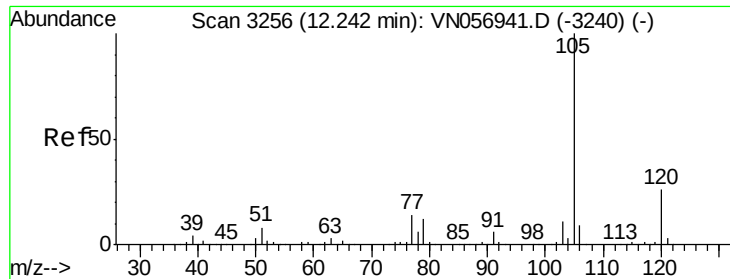
115 55.9 28.2 84.6

150 163.9 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: 20.356 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN056952.D

Acq: 26 Jul 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

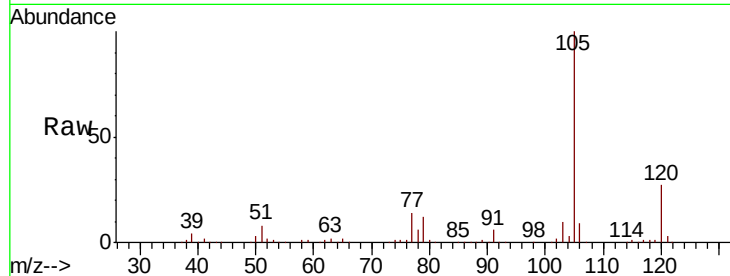
VN0727WBS01

Tot Ion:105 Resp: 502415

Ion Ratio Lower Upper

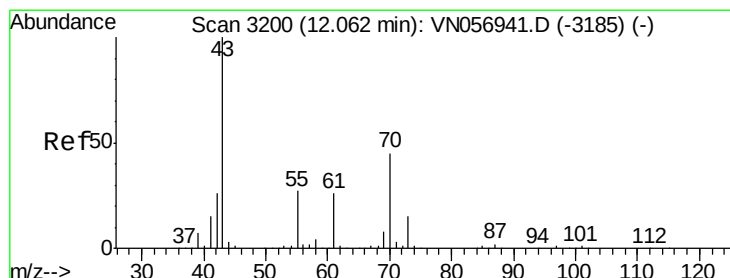
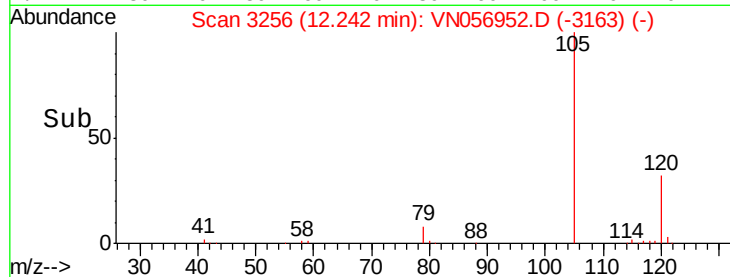
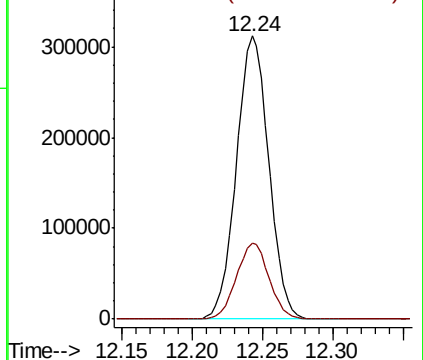
105 100

120 26.9 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: 19.356 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN056952.D

Acq: 26 Jul 2019 19:39

Tgt Ion: 43 Resp: 138712

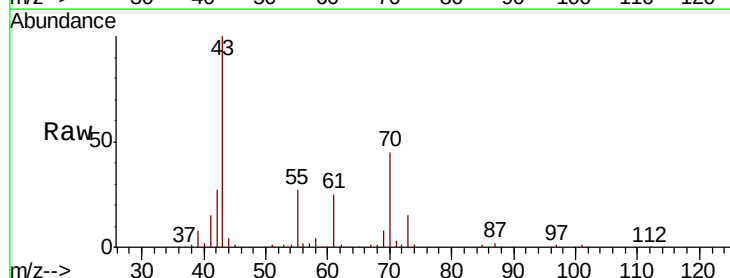
Ion Ratio Lower Upper

43 100

70 45.1 36.5 54.7

55 27.1 21.4 32.0

61 26.2 20.5 30.7

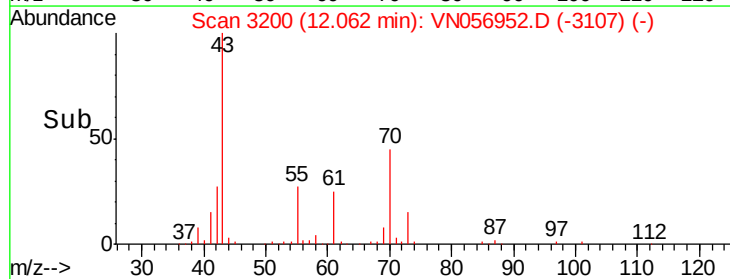
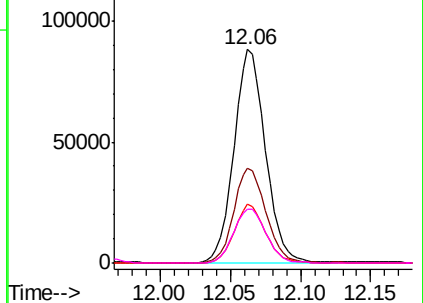


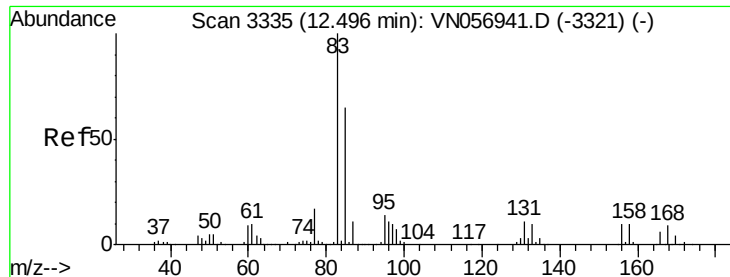
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.545 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN056952.D

Acq: 26 Jul 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01

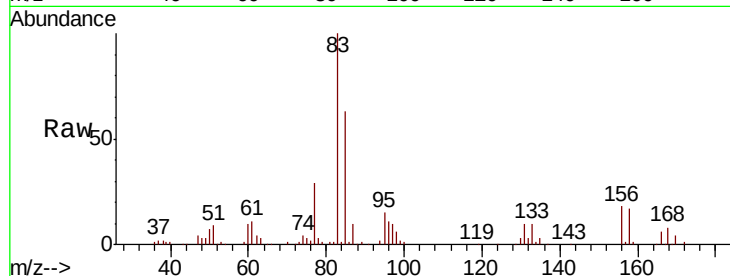
Tot Ion: 83 Resp: 143474

Ion Ratio Lower Upper

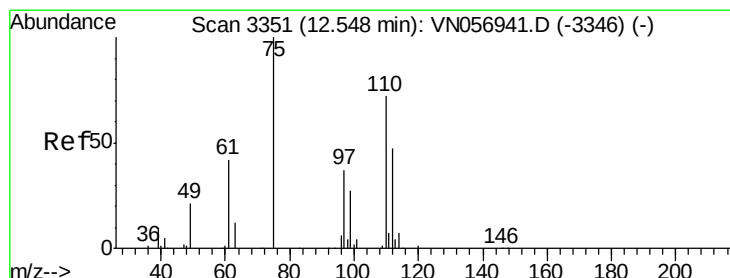
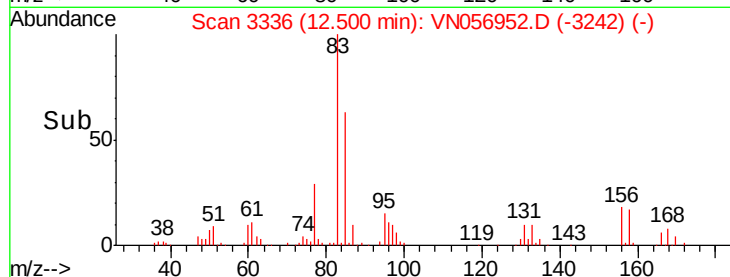
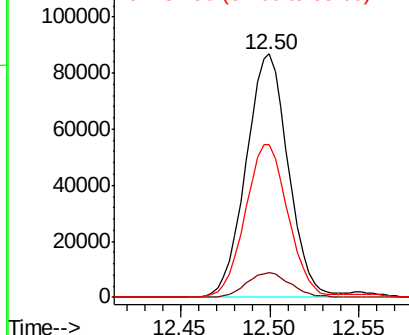
83 100

131 10.6 5.3 16.1

85 63.7 32.5 97.4



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



#76

1,2,3-Trichloropropane

Concen: 28.363 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN056952.D

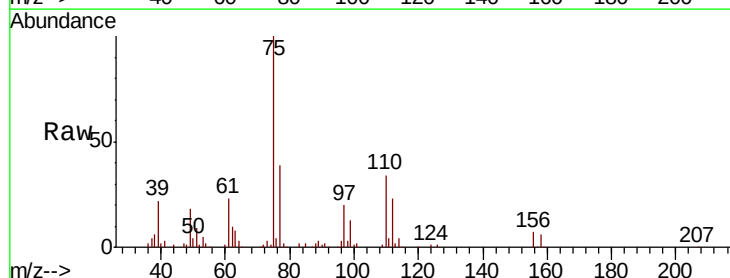
Acq: 26 Jul 2019 19:39

Tgt Ion: 75 Resp: 164499

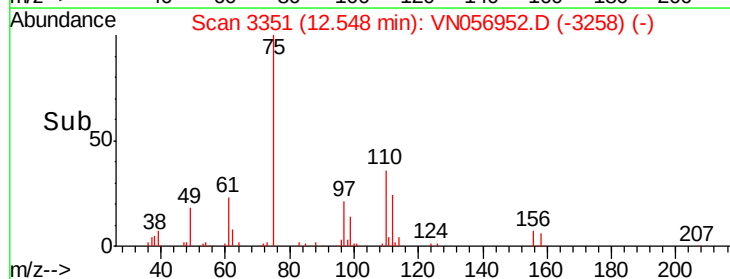
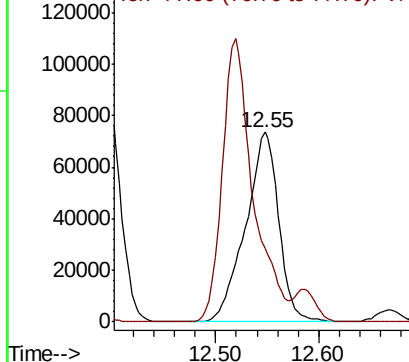
Ion Ratio Lower Upper

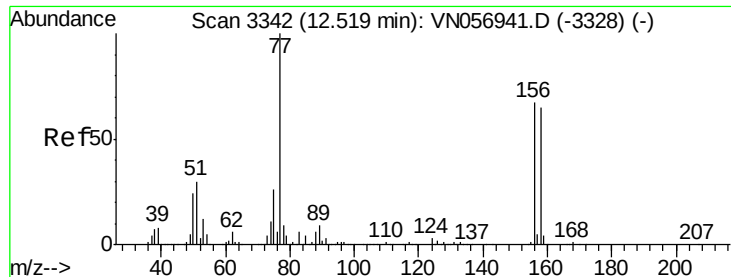
75 100

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: 19.930 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN056952.D

Acq: 26 Jul 2019 19:39

Instrument :

MSVOA_N

ClientSampled :

VN0727WBS01

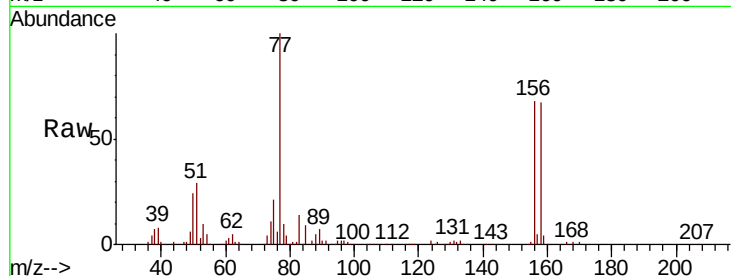
Tot Ion:156 Resp: 128384

Ion Ratio Lower Upper

156 100

77 177.4 89.5 268.5

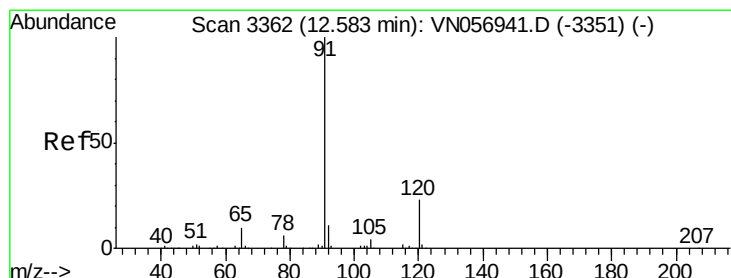
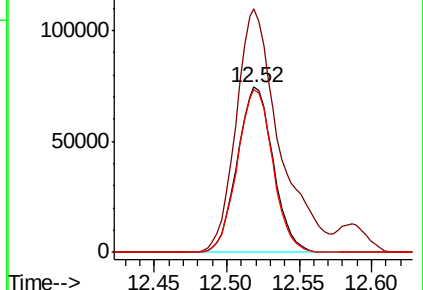
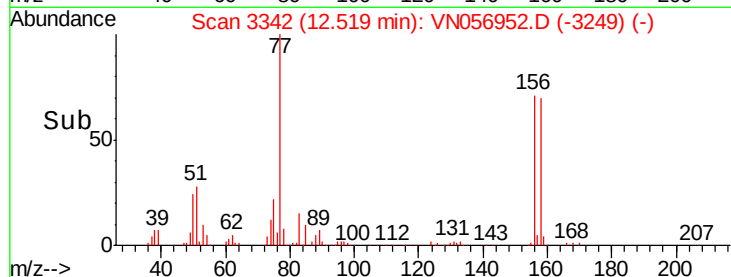
158 97.3 48.4 145.3



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: 19.947 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN056952.D

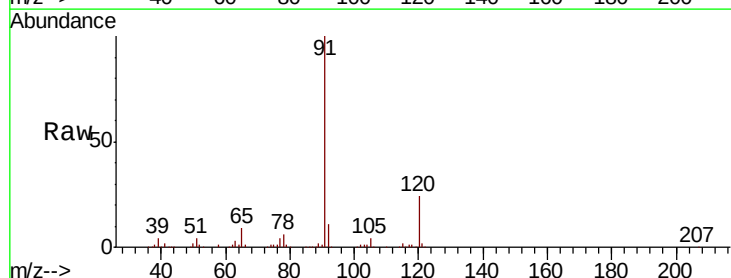
Acq: 26 Jul 2019 19:39

Tgt Ion: 91 Resp: 525676

Ion Ratio Lower Upper

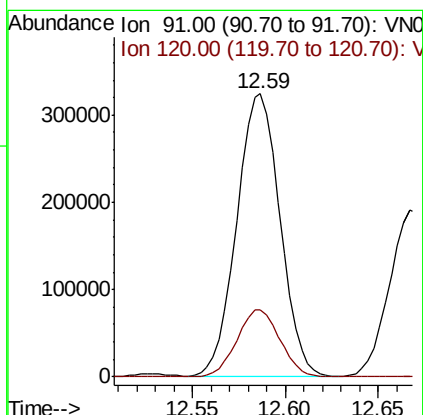
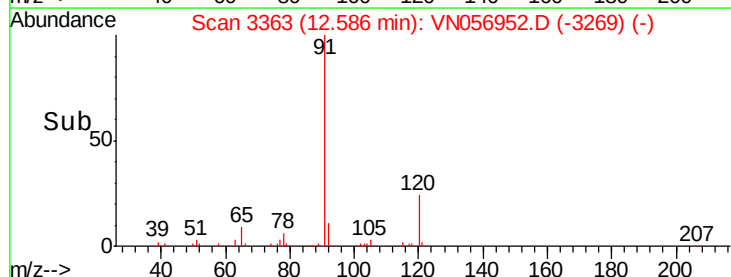
91 100

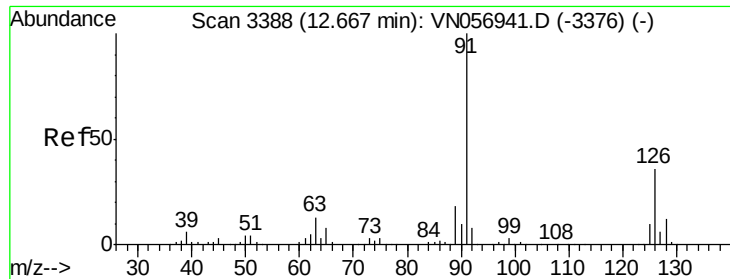
120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

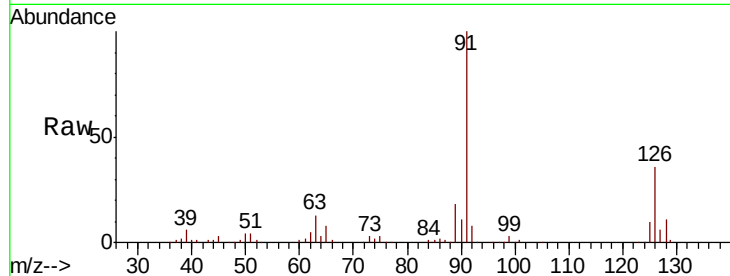




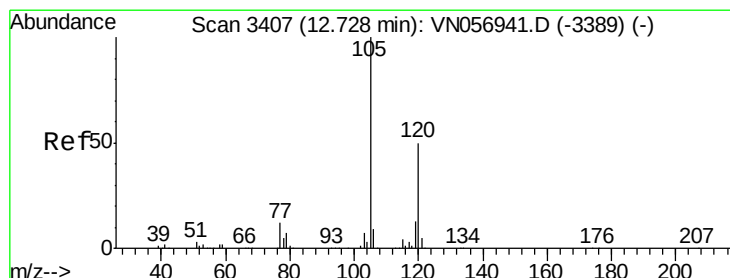
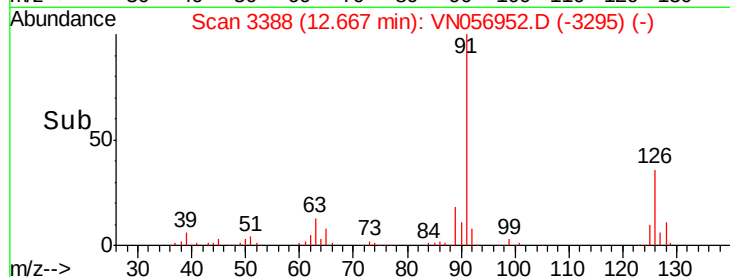
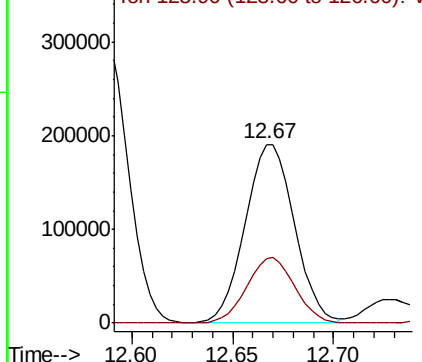
#79
 2-Chlorotoluene
 Concen: 19.992 ug/l
 RT: 12.67 min Scan# 3388
 Delta R.T. -0.00 min
 Lab File: VN056952.D
 Acq: 26 Jul 2019 19:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01

Tot Ion: 91 Resp: 324408
 Ion Ratio Lower Upper
 91 100
 126 36.0 17.9 53.7

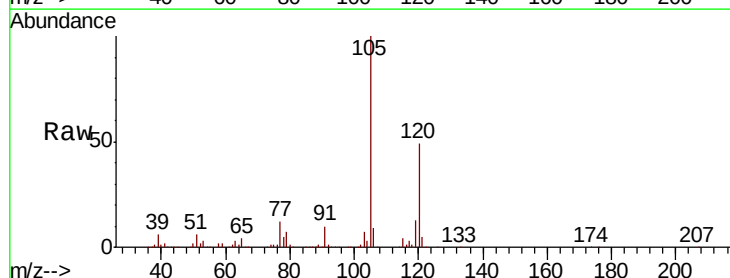


Abundance Ion 91.00 (90.70 to 91.70): VN056941.D (-3376) (-)
 Ion 125.90 (125.60 to 126.60): VN056941.D (-3376) (-)

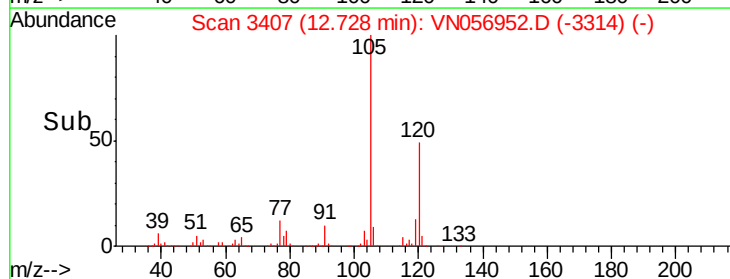
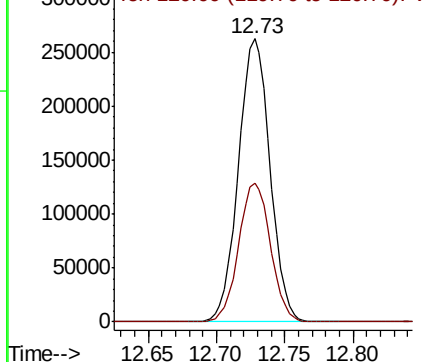


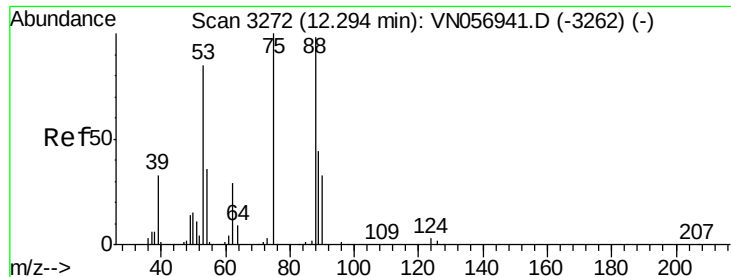
#80
 1,3,5-Trimethylbenzene
 Concen: 20.829 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: VN056952.D
 Acq: 26 Jul 2019 19:39

Tgt Ion: 105 Resp: 421924
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): VN056941.D (-3389) (-)
 Ion 120.00 (119.70 to 120.70): VN056941.D (-3389) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.043 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN056952.D

Acq: 26 Jul 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01

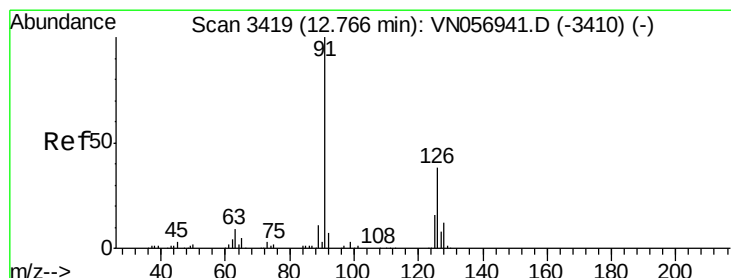
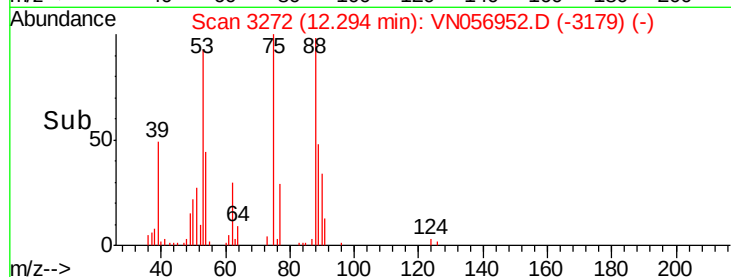
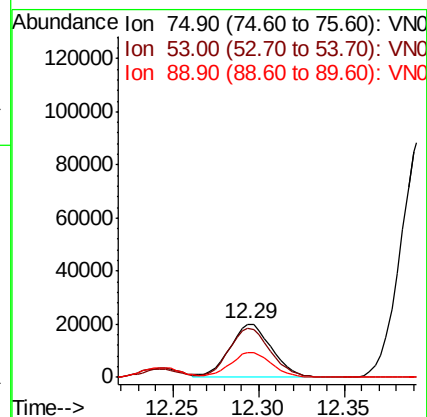
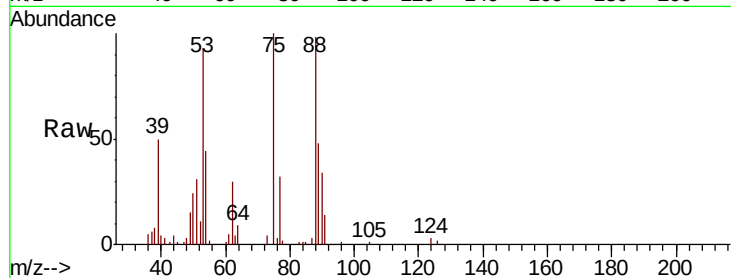
Tot Ion: 75 Resp: 34375

Ion Ratio Lower Upper

75 100

53 91.8 69.3 103.9

89 45.4 35.8 53.6



#82

4-Chlorotoluene

Concen: 19.934 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN056952.D

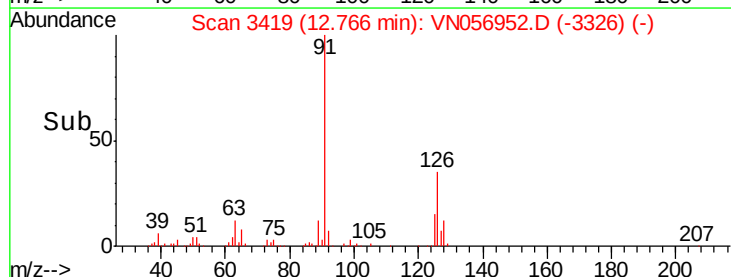
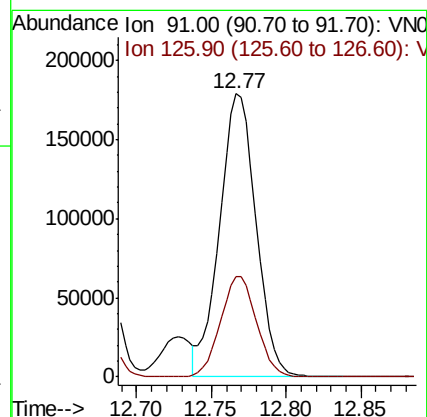
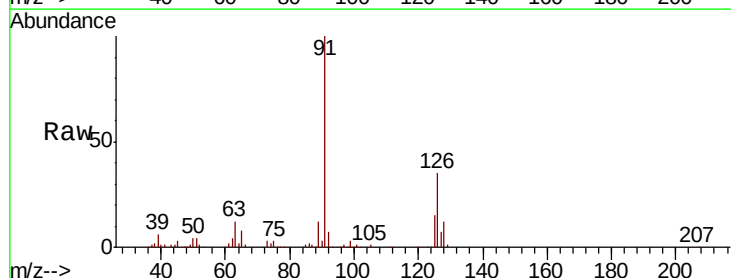
Acq: 26 Jul 2019 19:39

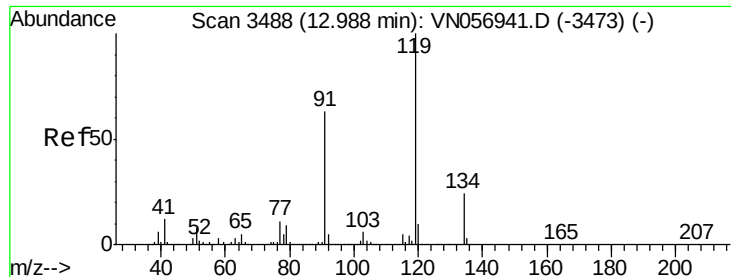
Tgt Ion: 91 Resp: 302720

Ion Ratio Lower Upper

91 100

126 35.3 17.5 52.5

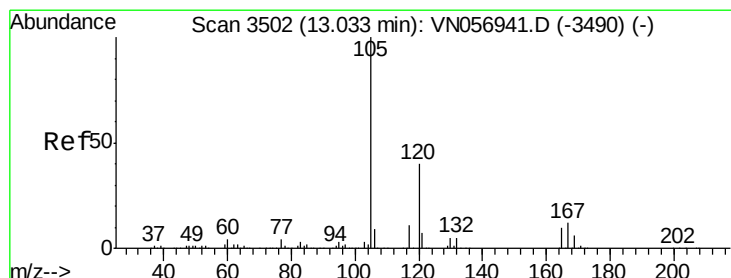
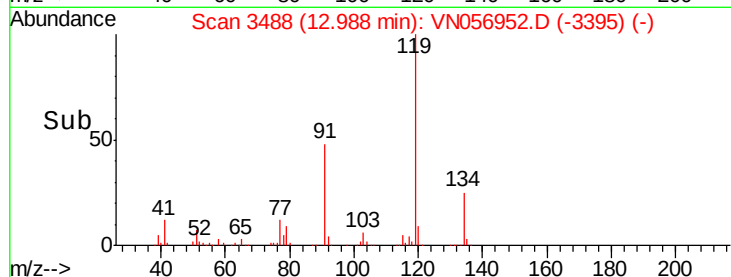
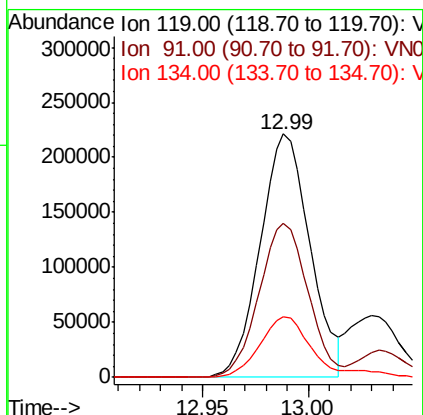
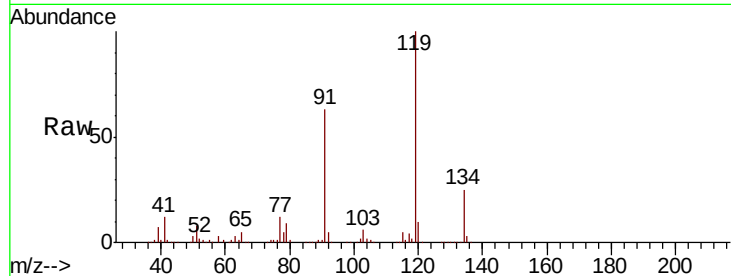




#83
 tert-Butylbenzene
 Concen: 20.284 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN056952.D
 Acq: 26 Jul 2019 19:39

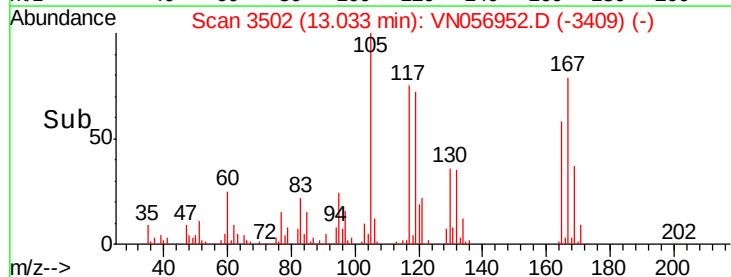
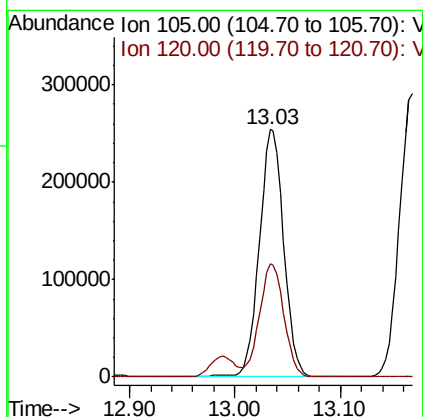
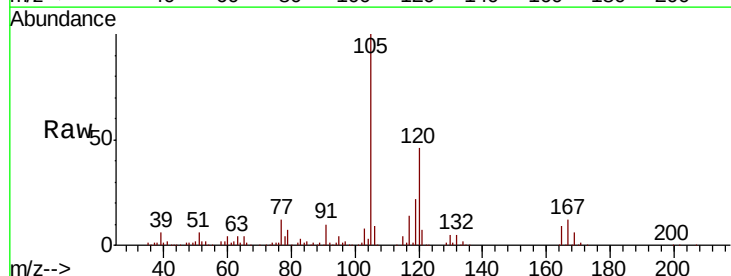
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01

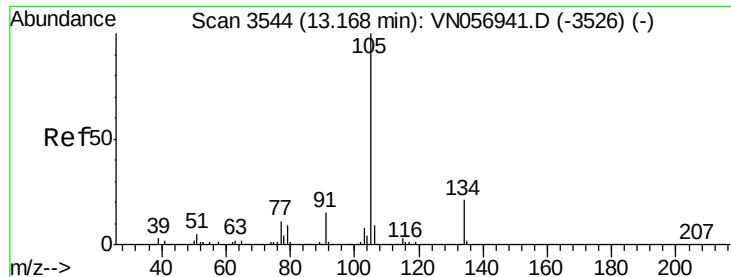
Tot Ion:119 Resp: 363743
 Ion Ratio Lower Upper
 119 100
 91 62.4 31.3 93.8
 134 24.8 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.995 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN056952.D
 Acq: 26 Jul 2019 19:39

Tgt Ion:105 Resp: 409215
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 19.869 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN056952.D

Acq: 26 Jul 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

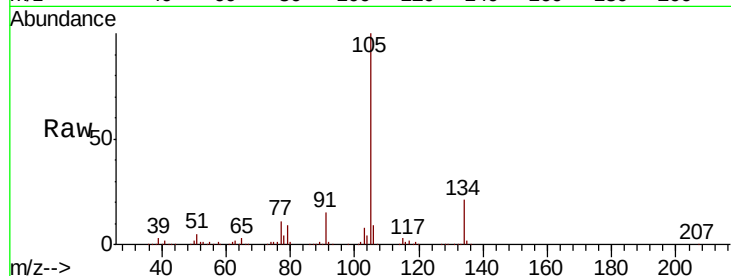
VN0727WBS01

Tot Ion:105 Resp: 459580

Ion Ratio Lower Upper

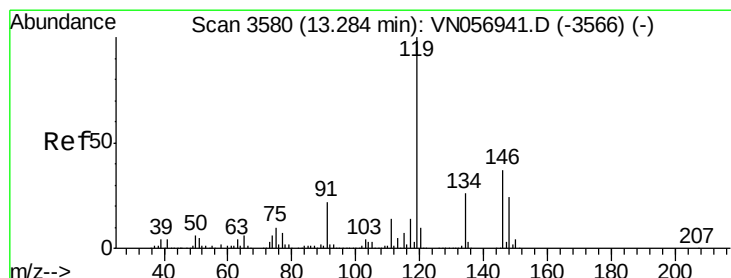
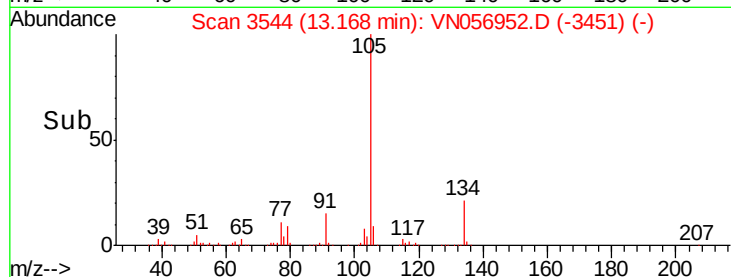
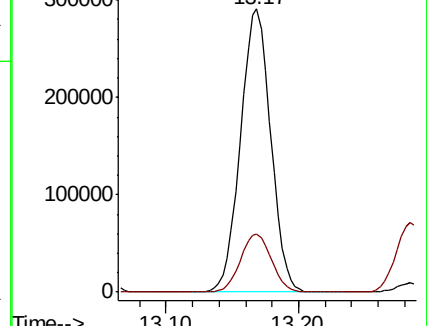
105 100

134 21.1 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.117 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN056952.D

Acq: 26 Jul 2019 19:39

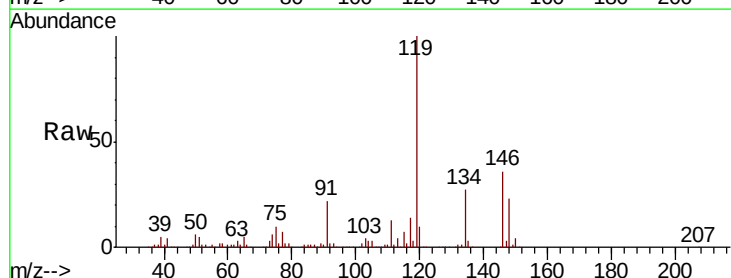
Tgt Ion:119 Resp: 413111

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

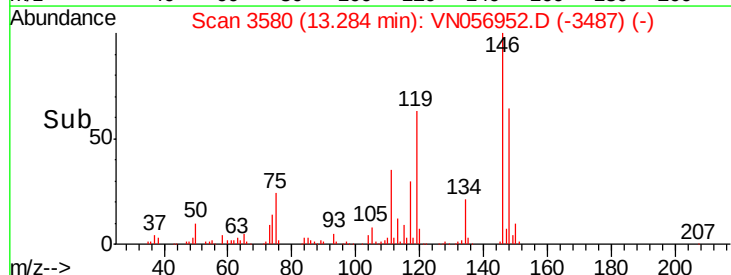
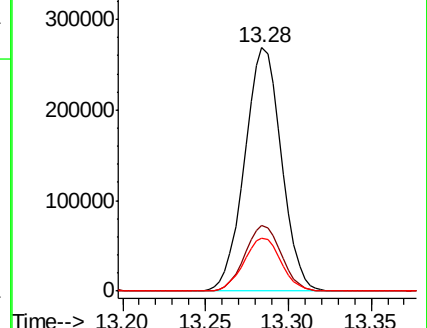
91 22.2 11.0 33.0

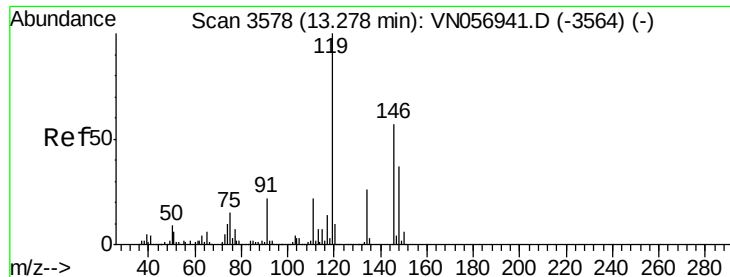


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

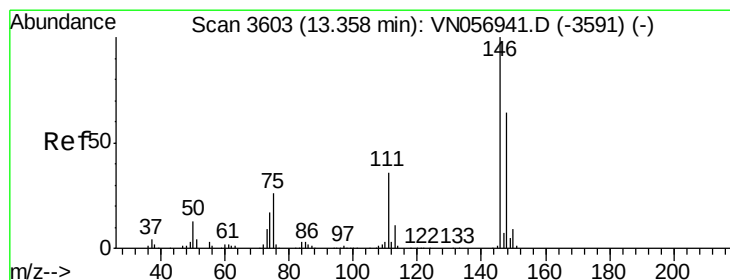
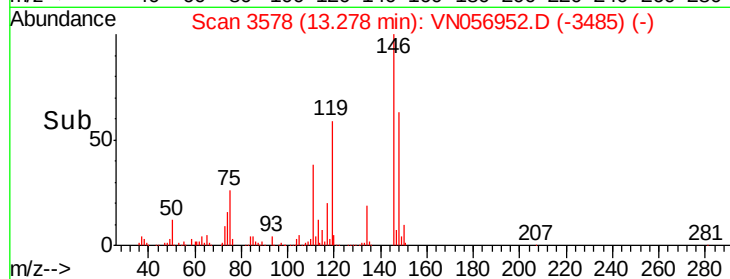
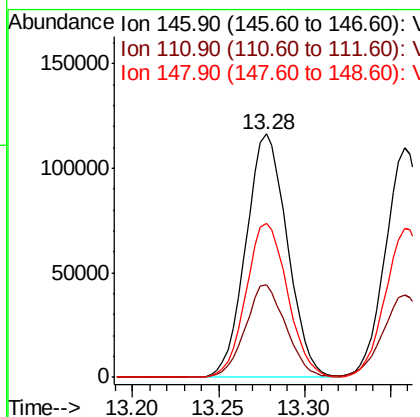
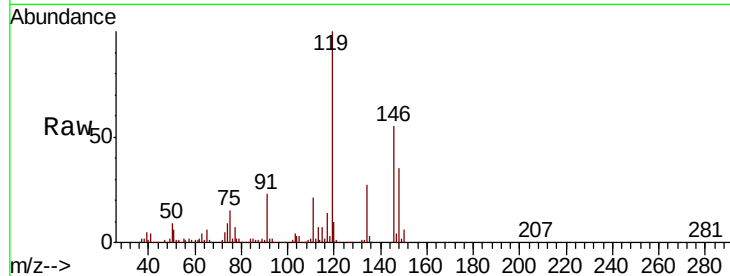




#87
 1,3-Dichlorobenzene
 Concen: 19.878 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN056952.D
 Acq: 26 Jul 2019 19:39

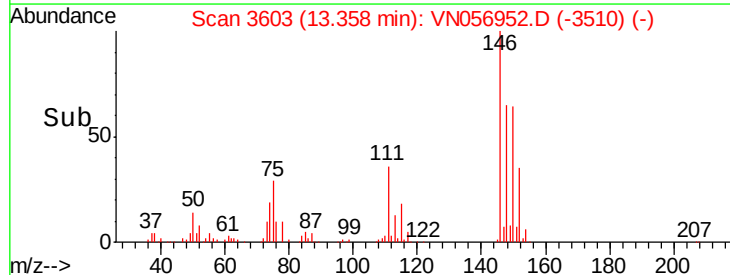
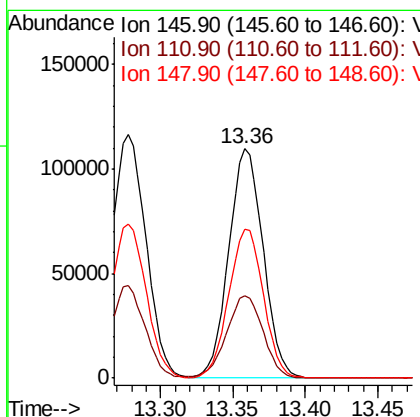
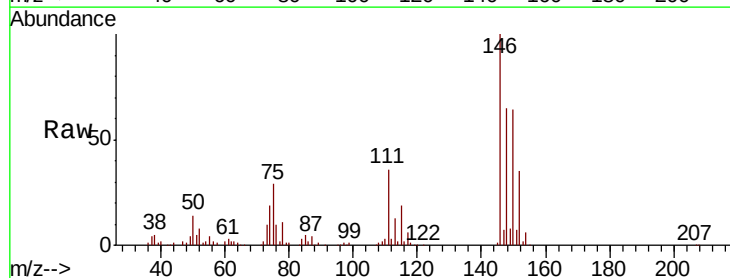
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01

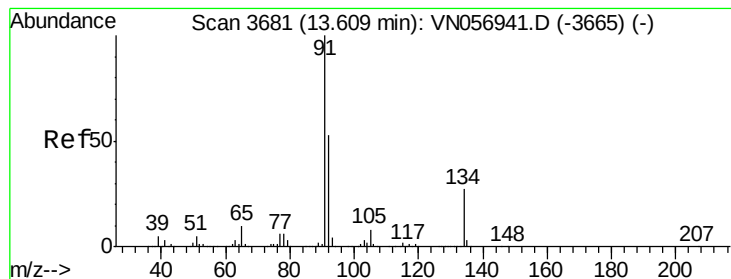
Tot Ion:146 Resp: 194771
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.6 55.8
 148 63.2 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.181 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN056952.D
 Acq: 26 Jul 2019 19:39

Tgt Ion:146 Resp: 180928
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.4 55.2
 148 65.6 32.3 96.9





#89

n-Butylbenzene

Concen: 19.138 ug/l

RT: 13.61 min Scan# 3681

Delta R.T. -0.00 min

Lab File: VN056952.D

Acq: 26 Jul 2019 19:39

Instrument :

MSVOA_N

ClientSampled :

VN0727WBS01

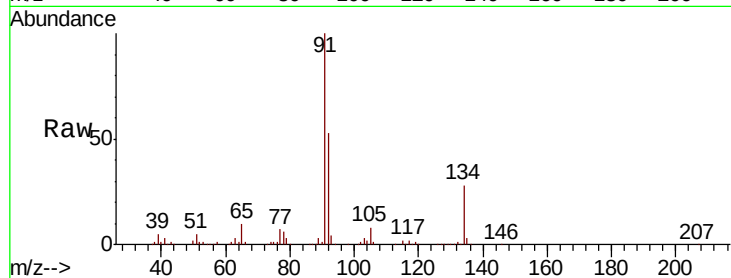
Tot Ion: 91 Resp: 302896

Ion Ratio Lower Upper

91 100

92 52.2 26.2 78.5

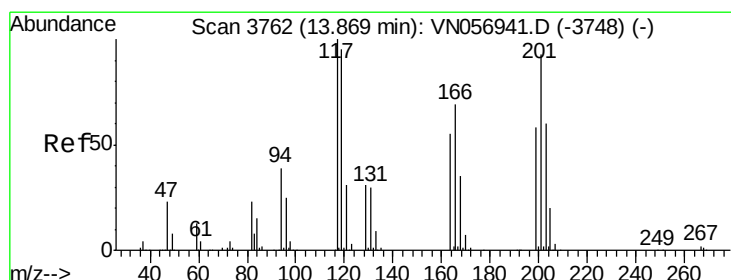
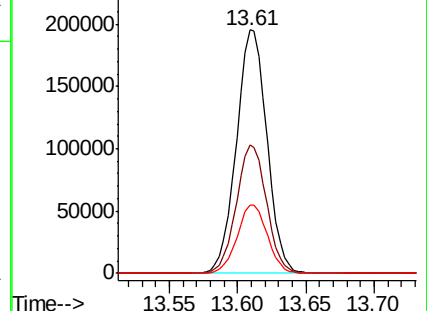
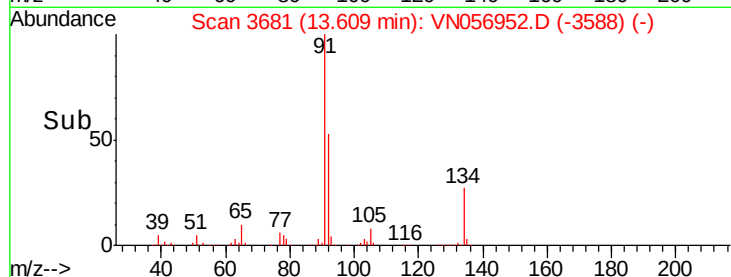
134 27.9 13.5 40.4



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: 19.722 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. -0.00 min

Lab File: VN056952.D

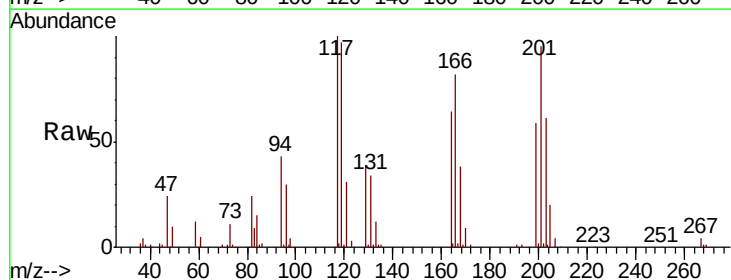
Acq: 26 Jul 2019 19:39

Tgt Ion: 117 Resp: 69736

Ion Ratio Lower Upper

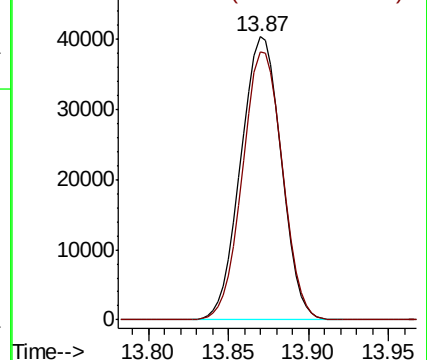
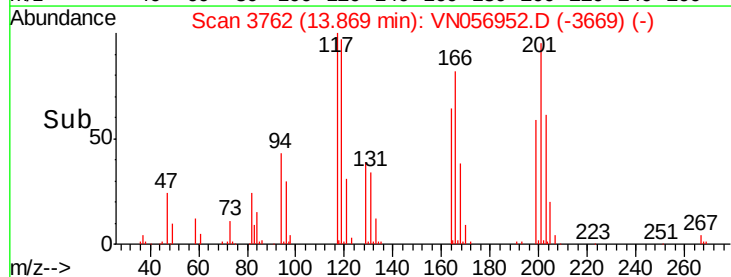
117 100

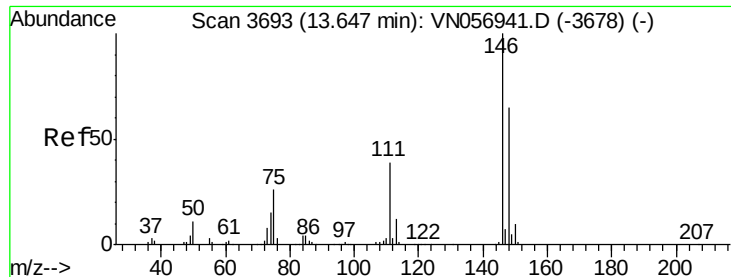
201 93.1 47.0 141.2



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: 20.883 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN056952.D

Acq: 26 Jul 2019 19:39

Instrument :

MSVOA_N

ClientSampled :

VN0727WBS01

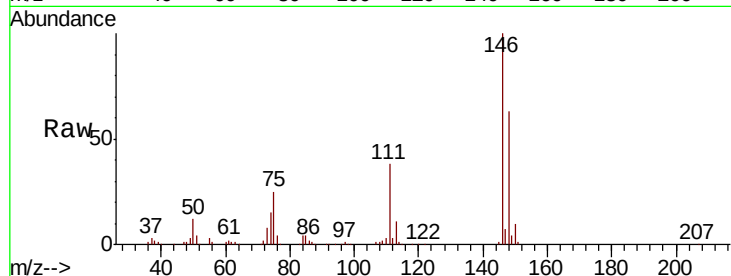
Tot Ion:146 Resp: 201390

Ion Ratio Lower Upper

146 100

111 38.3 19.4 58.4

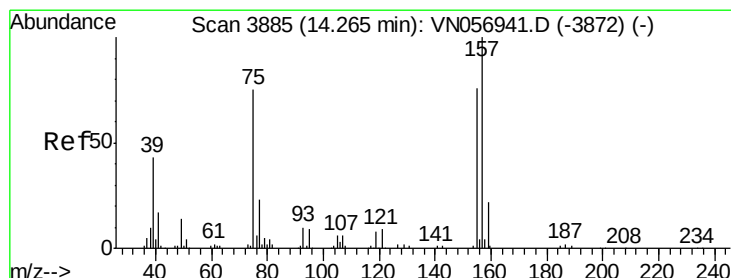
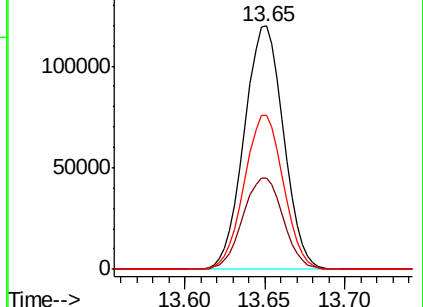
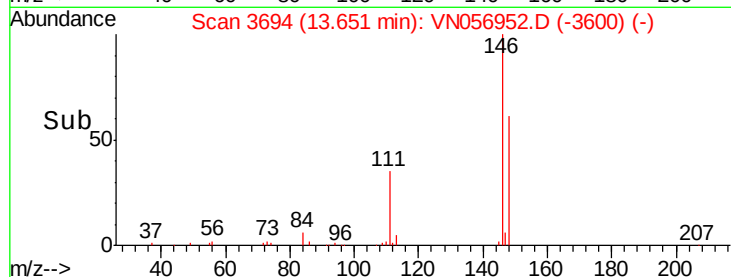
148 62.9 32.2 96.6



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: 20.151 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056952.D

Acq: 26 Jul 2019 19:39

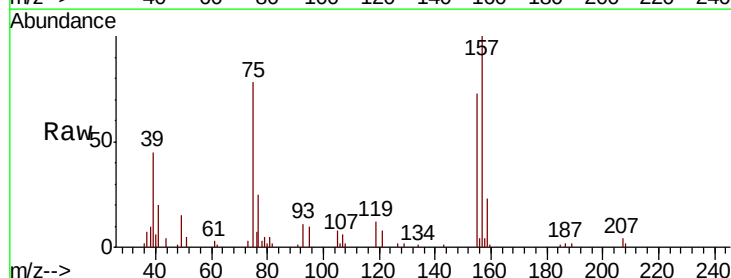
Tgt Ion: 75 Resp: 19781

Ion Ratio Lower Upper

75 100

155 96.7 50.2 150.6

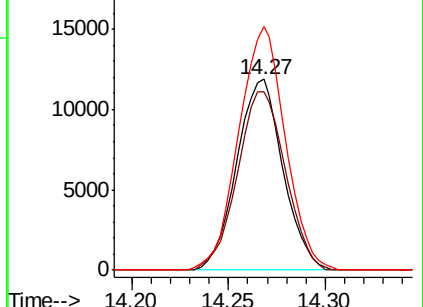
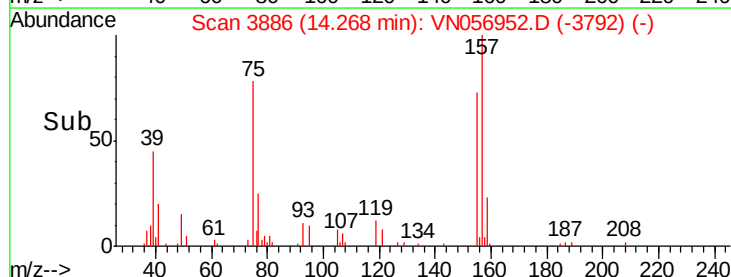
157 128.5 65.1 195.4

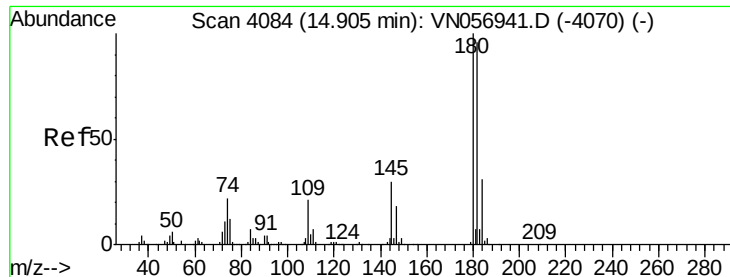


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

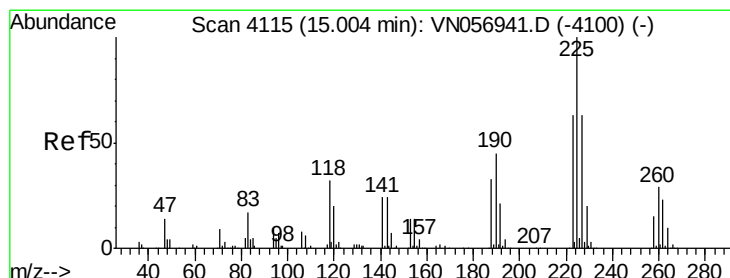
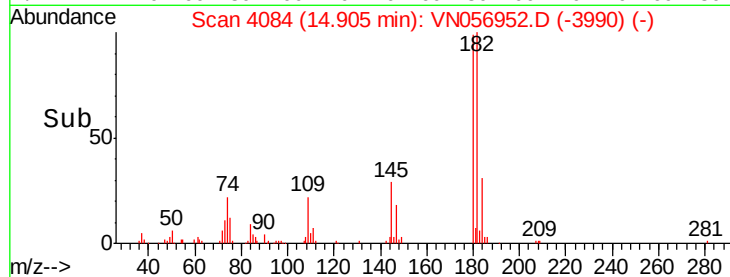
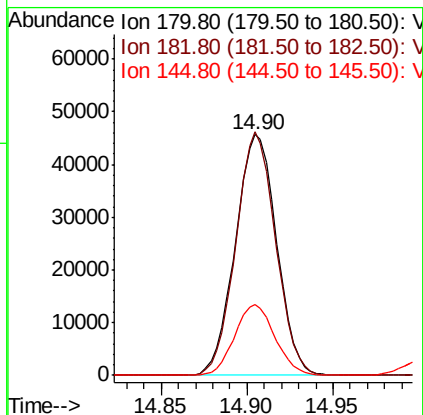
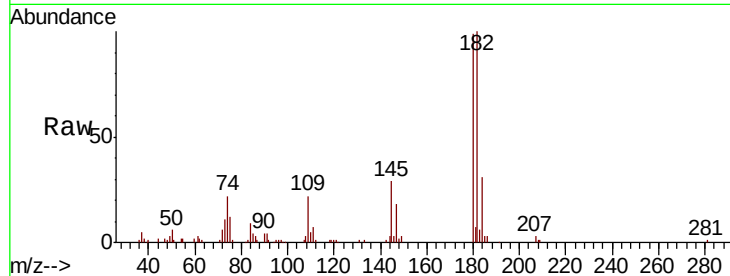




#93
 1,2,4-Trichlorobenzene
 Concen: 17.163 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN056952.D
 Acq: 26 Jul 2019 19:39

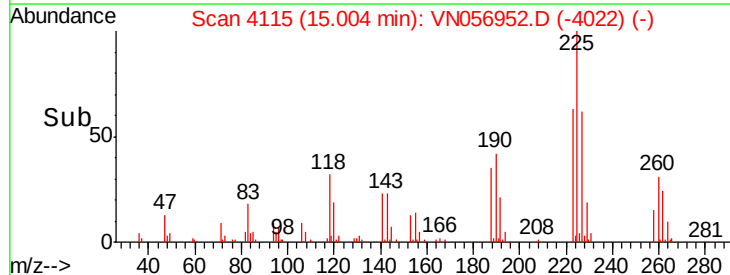
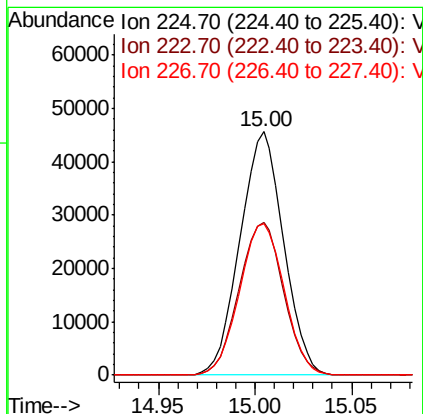
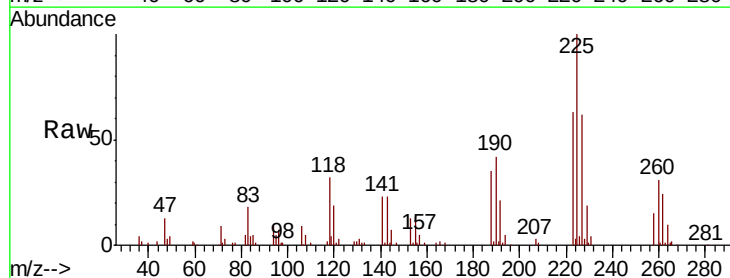
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01

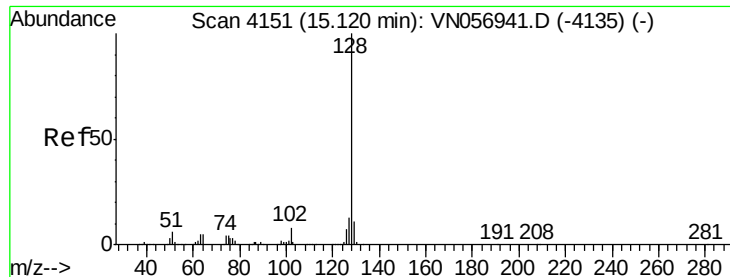
Tot Ion:180 Resp: 76020
 Ion Ratio Lower Upper
 180 100
 182 97.3 47.6 142.8
 145 28.7 14.2 42.8



#94
 Hexachlorobutadiene
 Concen: 19.179 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. 0.00 min
 Lab File: VN056952.D
 Acq: 26 Jul 2019 19:39

Tgt Ion:225 Resp: 71502
 Ion Ratio Lower Upper
 225 100
 223 64.2 30.8 92.4
 227 63.6 31.1 93.5





#95

Naphthalene

Concen: 16.554 ug/l

RT: 15.12 min Scan# 4151

Delta R.T. 0.00 min

Lab File: VN056952.D

Acq: 26 Jul 2019 19:39

Instrument :

MSVOA_N

ClientSampled :

VN0727WBS01

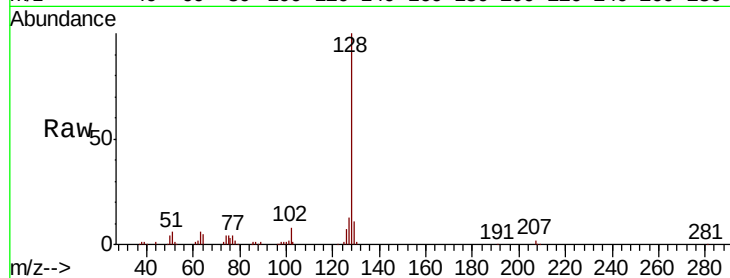
Tot Ion:128 Resp: 169497

Ion Ratio Lower Upper

128 100

127 13.4 10.0 15.0

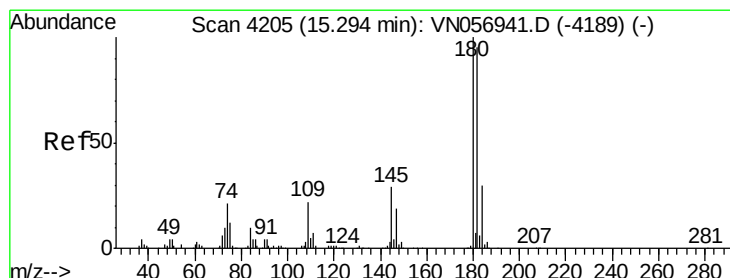
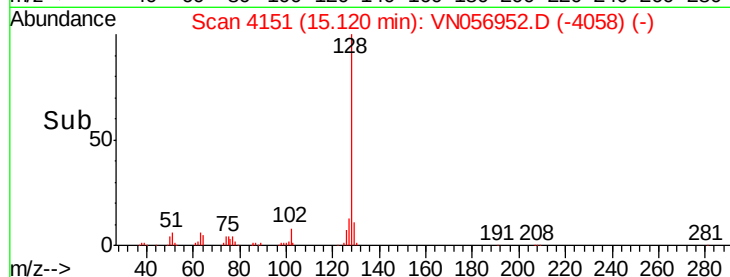
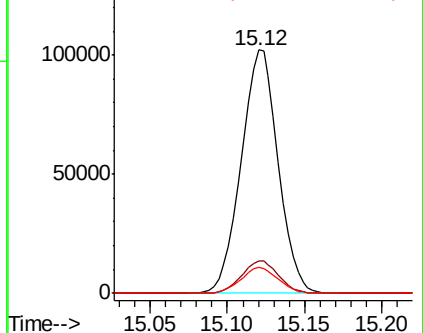
129 10.7 8.7 13.1



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: 17.817 ug/l

RT: 15.29 min Scan# 4204

Delta R.T. -0.00 min

Lab File: VN056952.D

Acq: 26 Jul 2019 19:39

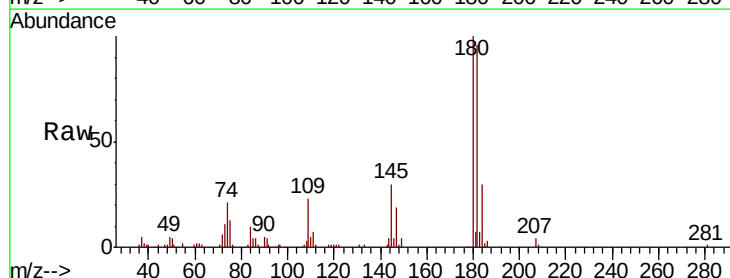
Tgt Ion:180 Resp: 82656

Ion Ratio Lower Upper

180 100

182 96.5 48.0 144.2

145 29.7 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

