

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN103019\
 Data File : VN059015.D
 Acq On : 30 Oct 2019 9:14
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 31 01:15:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	399083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	623230	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	581217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	293205	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	272085	46.49	ug/l	0.00
Spiked Amount			Recovery	=	92.98%	
35) Dibromofluoromethane	7.57	113	206989	50.51	ug/l	0.00
Spiked Amount			Recovery	=	101.02%	
50) Toluene-d8	10.08	98	785212	49.37	ug/l	0.00
Spiked Amount			Recovery	=	98.74%	
62) 4-Bromofluorobenzene	12.40	95	304493	52.13	ug/l	0.00
Spiked Amount			Recovery	=	104.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	213306	42.869	ug/l	98
3) Chloromethane	2.04	50	262716	42.631	ug/l	98
4) Vinyl Chloride	2.17	62	272577	44.547	ug/l	99
5) Bromomethane	2.54	94	161852	42.241	ug/l	99
6) Chloroethane	2.68	64	170635	43.486	ug/l	99
7) Trichlorofluoromethane	3.00	101	353321	46.668	ug/l	99
8) Diethyl Ether	3.38	74	132295	50.565	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	204099	48.628	ug/l	98
10) Methyl Iodide	3.93	142	244580	44.306	ug/l	99
11) Tert butyl alcohol	4.75	59	227254	233.967	ug/l	99
12) 1,1-Dichloroethene	3.71	96	186677	47.450	ug/l	98
13) Acrolein	3.58	56	115827	173.552	ug/l	98
14) Allyl chloride	4.29	41	397283	49.904	ug/l	96
15) Acrylonitrile	4.95	53	637333	260.856	ug/l	99
16) Acetone	3.79	43	726423	251.158	ug/l	98
17) Carbon Disulfide	4.03	76	526142	41.516	ug/l	100
18) Methyl Acetate	4.29	43	336670	51.199	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	725899	52.693	ug/l	100
20) Methylene Chloride	4.52	84	231960	46.968	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	213540	49.149	ug/l	98
22) Diisopropyl ether	5.92	45	833059	53.499	ug/l	95
23) Vinyl Acetate	5.86	43	3420660	273.422	ug/l	100
24) 1,1-Dichloroethane	5.82	63	448870	49.714	ug/l	99
25) 2-Butanone	6.81	43	937066	249.585	ug/l	98
26) 2,2-Dichloropropane	6.80	77	392528	50.261	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	253520	51.079	ug/l	99
28) Bromochloromethane	7.17	49	148782	49.478	ug/l	99
29) Tetrahydrofuran	7.18	42	574585	250.172	ug/l	99
30) Chloroform	7.35	83	434699	47.996	ug/l	100
31) Cyclohexane	7.63	56	380608	45.248	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	367876	48.188	ug/l	98
36) 1,1-Dichloropropene	7.77	75	323621	50.720	ug/l	99
37) Ethyl Acetate	6.90	43	362075	52.079	ug/l	99
38) Carbon Tetrachloride	7.75	117	325490	49.518	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN103019\
 Data File : VN059015.D
 Acq On : 30 Oct 2019 9:14
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 31 01:15:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.07	83	370207	51.673	ug/l	99
40) Benzene	8.02	78	974095	51.989	ug/l	100
41) Methacrylonitrile	7.18	41	517646	167.174	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	356075	49.335	ug/l	99
43) Isopropyl Acetate	8.14	43	583842	52.362	ug/l	99
44) Trichloroethene	8.82	130	234314	51.338	ug/l	99
45) 1,2-Dichloropropane	9.10	63	270519	52.653	ug/l	99
46) Dibromomethane	9.19	93	166156	51.156	ug/l	99
47) Bromodichloromethane	9.39	83	350288	52.326	ug/l	99
48) Methyl methacrylate	9.18	41	267143	52.807	ug/l	97
49) 1,4-Dioxane	9.18	88	88132	1061.263	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	1822646	279.860	ug/l	99
52) Toluene	10.15	92	596611	53.696	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	396273	53.473	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	423933	53.544	ug/l	96
55) 1,1,2-Trichloroethane	10.55	97	241450	52.750	ug/l	99
56) Ethyl methacrylate	10.42	69	381354	49.616	ug/l	96
57) 1,3-Dichloropropane	10.70	76	422359	52.575	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	791271	243.855	ug/l	100
59) 2-Hexanone	10.75	43	1388282	275.859	ug/l	98
60) Dibromochloromethane	10.90	129	265320	53.853	ug/l	99
61) 1,2-Dibromoethane	11.00	107	244058	52.102	ug/l	98
64) Tetrachloroethene	10.63	164	208535	51.231	ug/l	98
65) Chlorobenzene	11.43	112	630446	53.280	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	240454	53.851	ug/l	99
67) Ethyl Benzene	11.51	91	1162753	56.016	ug/l	98
68) m/p-Xylenes	11.62	106	866020	112.502	ug/l	99
69) o-Xylene	11.95	106	411012	55.983	ug/l	98
70) Styrene	11.96	104	692918	51.093	ug/l	99
71) Bromoform	12.13	173	190148	54.916	ug/l #	100
73) Isopropylbenzene	12.25	105	1137860	53.102	ug/l	99
74) N-amyl acetate	12.07	43	508489	52.344	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	372250	49.406	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	501841	73.851	ug/l #	100
77) Bromobenzene	12.53	156	269622	51.050	ug/l	98
78) n-propylbenzene	12.59	91	1364212	53.861	ug/l	100
79) 2-Chlorotoluene	12.68	91	803776	51.850	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	981523	54.519	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	136688	52.401	ug/l	96
82) 4-Chlorotoluene	12.78	91	831327	52.476	ug/l	100
83) tert-Butylbenzene	13.00	119	834992	54.237	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	978211	55.088	ug/l	98
85) sec-Butylbenzene	13.17	105	1120184	54.575	ug/l	98
86) p-Isopropyltoluene	13.29	119	1027016	56.707	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	501204	53.072	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	496719	52.534	ug/l	99
89) n-Butylbenzene	13.62	91	927431	55.746	ug/l	99
90) Hexachloroethane	13.88	117	190088	51.797	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	493261	53.141	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	76020	44.609	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN103019\
Data File : VN059015.D
Acq On : 30 Oct 2019 9:14
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Oct 31 01:15:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration

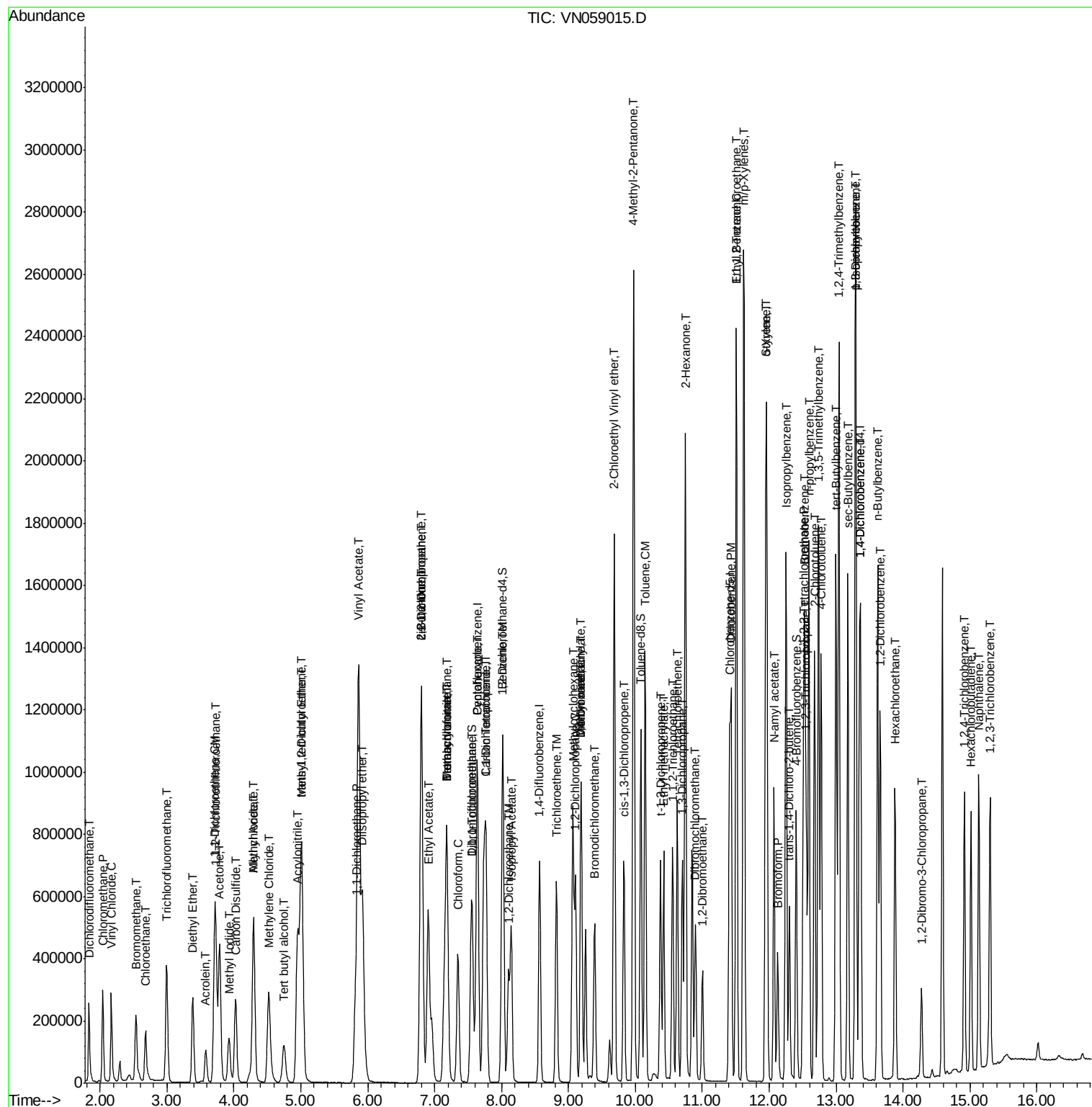
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	281877	48.328	ug/l	99
94) Hexachlorobutadiene	15.01	225	158030	52.528	ug/l	99
95) Naphthalene	15.13	128	764954	45.746	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	272340	47.976	ug/l	99

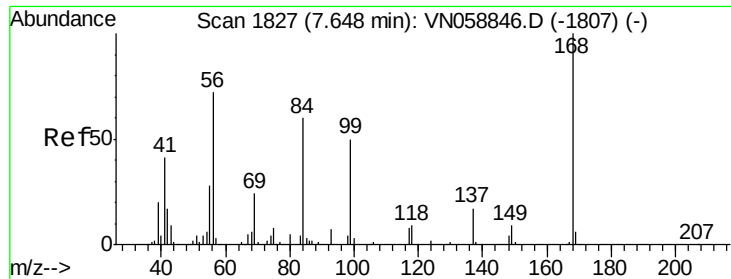
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN103019\
 Data File : VN059015.D
 Acq On : 30 Oct 2019 9:14
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampled :

Quant Time: Oct 31 01:15:45 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.01 min

Lab File: VN059015.D

Acq: 30 Oct 2019 9:14

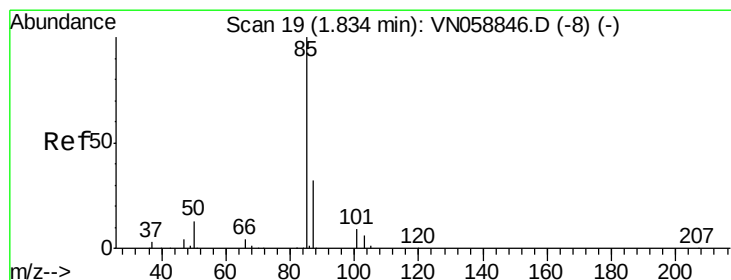
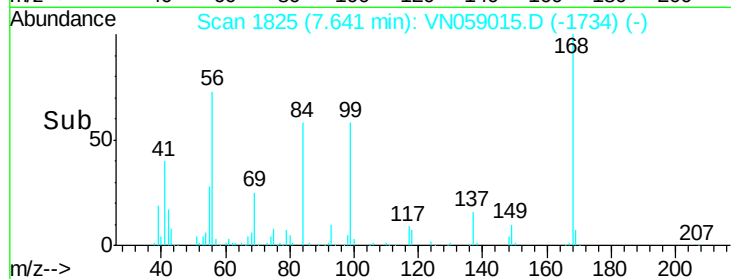
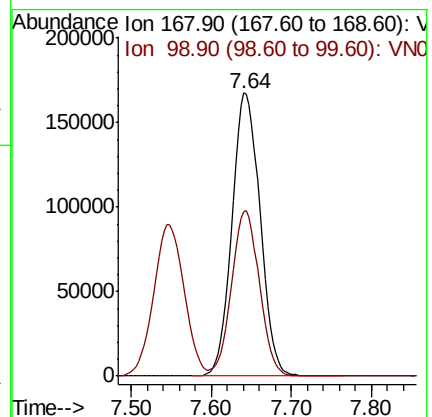
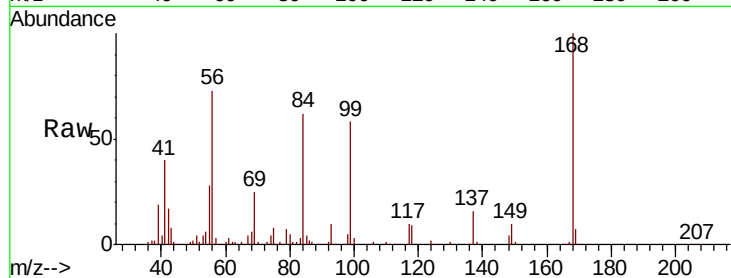
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 399083

Ion Ratio Lower Upper

168 100

99 58.0 48.1 72.1



#2

Dichlorodifluoromethane

Concen: 42.869 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059015.D

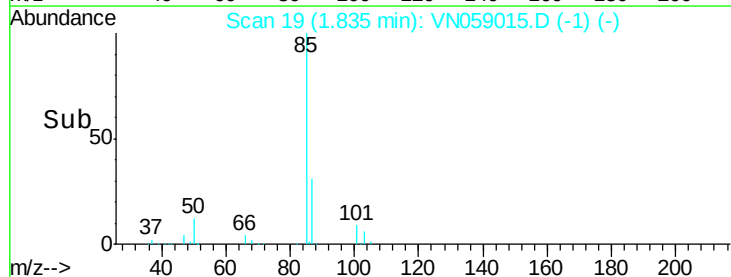
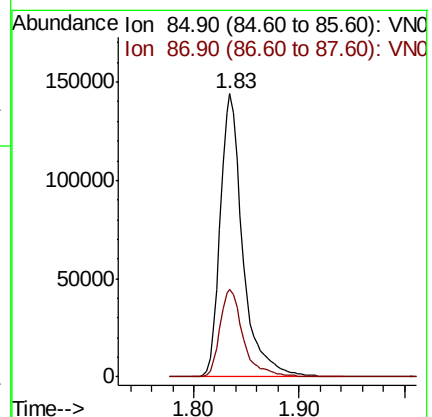
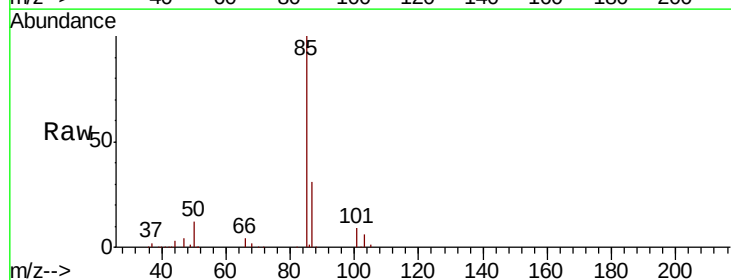
Acq: 30 Oct 2019 9:14

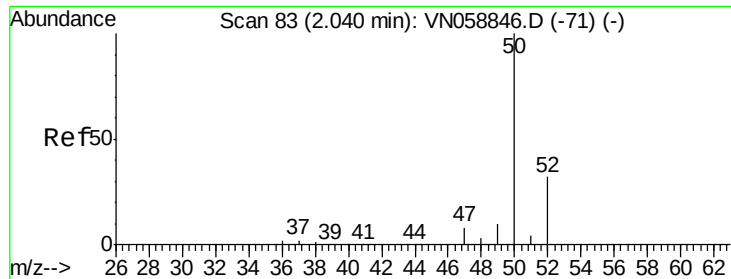
Tgt Ion: 85 Resp: 213306

Ion Ratio Lower Upper

85 100

87 31.1 16.2 48.5

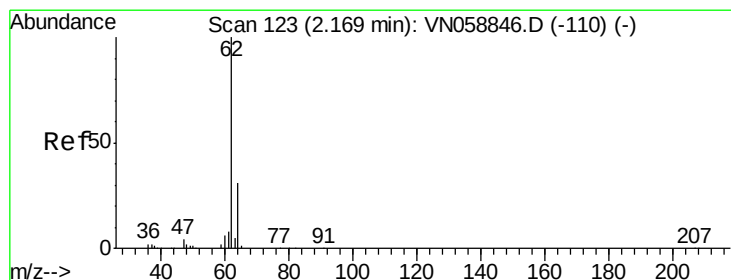
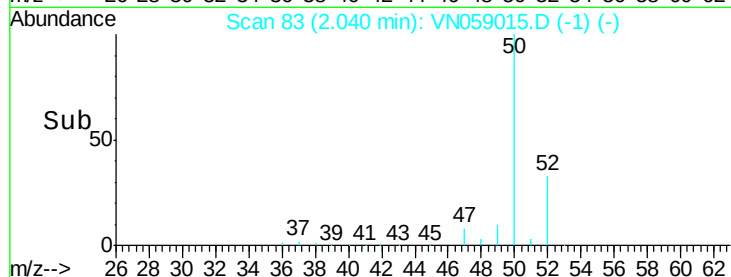
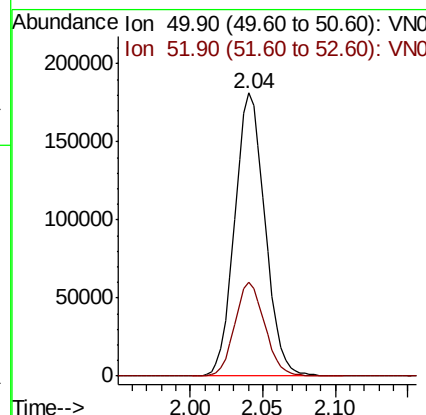
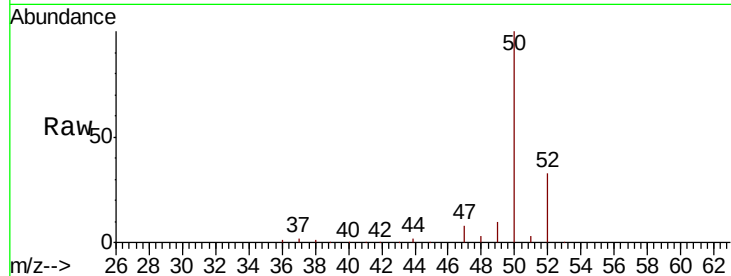




#3
 Chloromethane
 Concen: 42.631 ug/l
 RT: 2.04 min Scan# 83
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

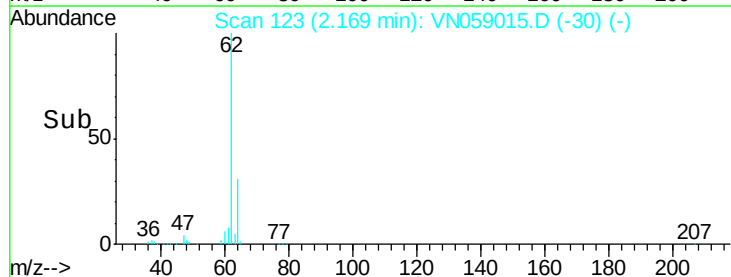
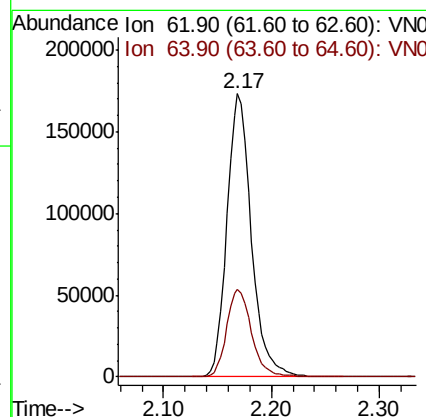
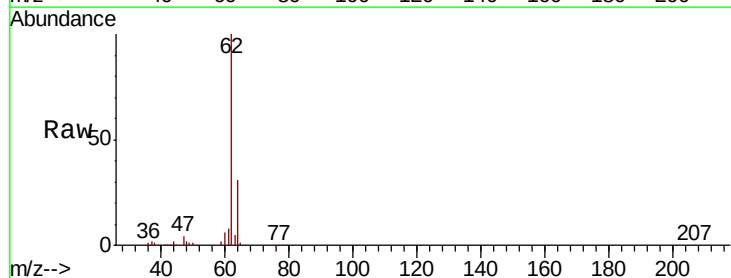
Instrument :
 MSVOA_N
 ClientSampled :

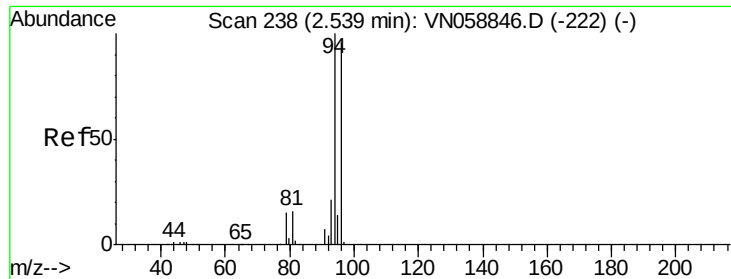
Tot Ion: 50 Resp: 262716
 Ion Ratio Lower Upper
 50 100
 52 33.1 25.7 38.5



#4
 Vinyl Chloride
 Concen: 44.547 ug/l
 RT: 2.17 min Scan# 123
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion: 62 Resp: 272577
 Ion Ratio Lower Upper
 62 100
 64 31.0 24.6 36.8





#5

Bromomethane

Concen: 42.241 ug/l

RT: 2.54 min Scan# 237

Delta R.T. -0.00 min

Lab File: VN059015.D

Acq: 30 Oct 2019 9:14

Instrument :

MSVOA_N

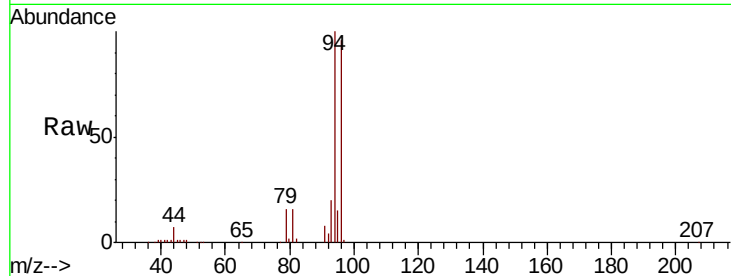
ClientSampled :

Tot Ion: 94 Resp: 161852

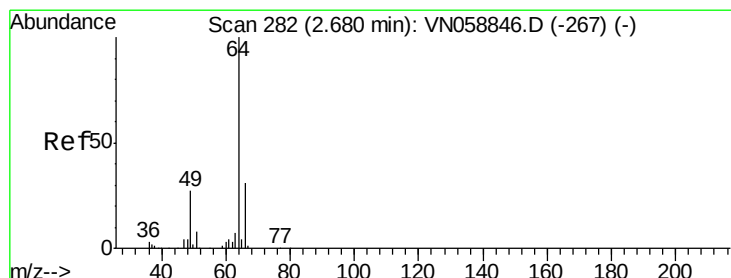
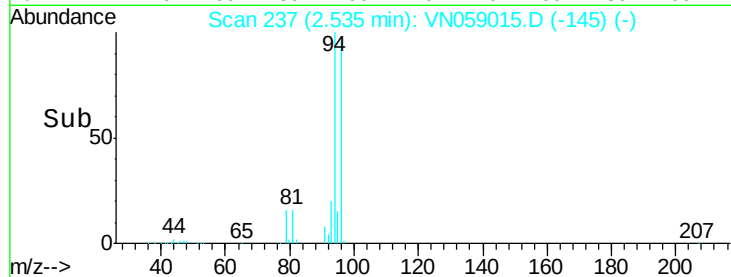
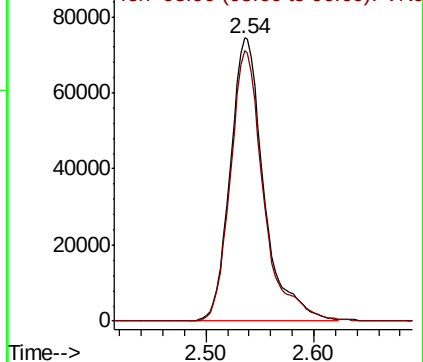
Ion Ratio Lower Upper

94 100

96 95.8 77.0 115.6



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



#6

Chloroethane

Concen: 43.486 ug/l

RT: 2.68 min Scan# 282

Delta R.T. 0.00 min

Lab File: VN059015.D

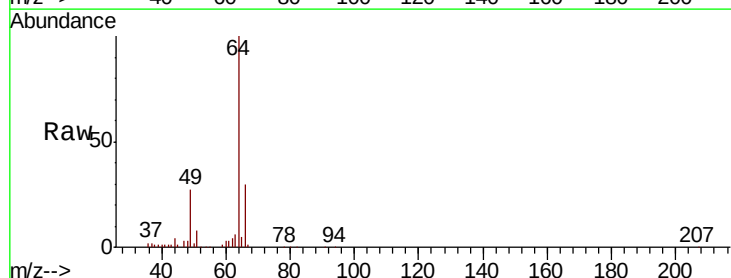
Acq: 30 Oct 2019 9:14

Tgt Ion: 64 Resp: 170635

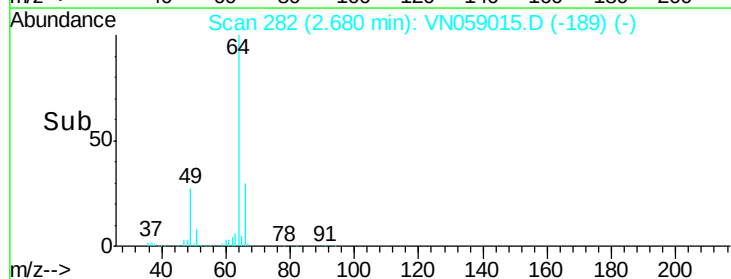
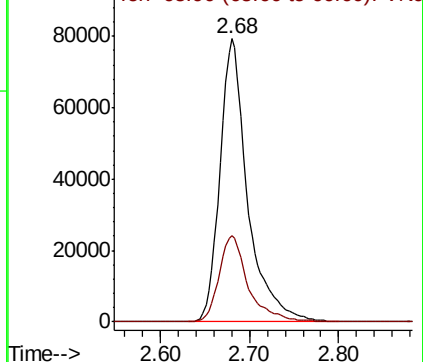
Ion Ratio Lower Upper

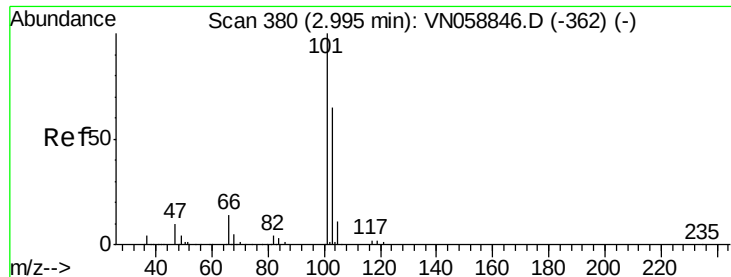
64 100

66 30.4 25.0 37.4



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



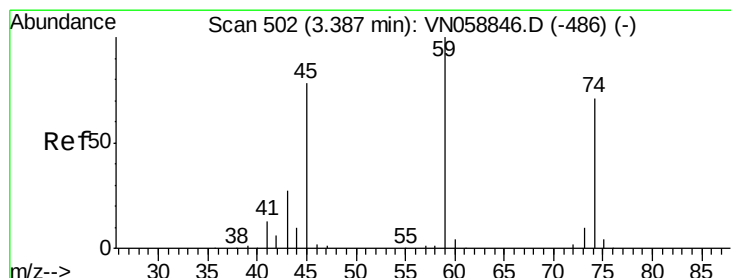
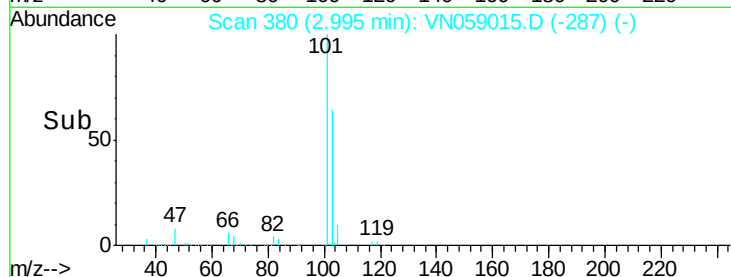
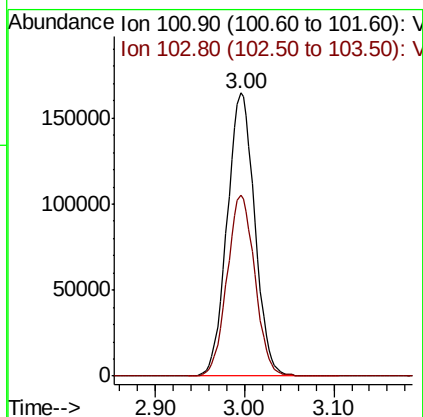
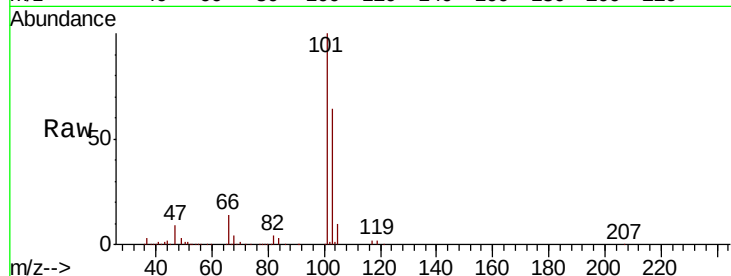


#7

Trichlorofluoromethane
Concen: 46.668 ug/l
RT: 3.00 min Scan# 380
Delta R.T. 0.00 min
Lab File: VN059015.D
Acq: 30 Oct 2019 9:14

Instrument :
MSVOA_N
ClientSampled :

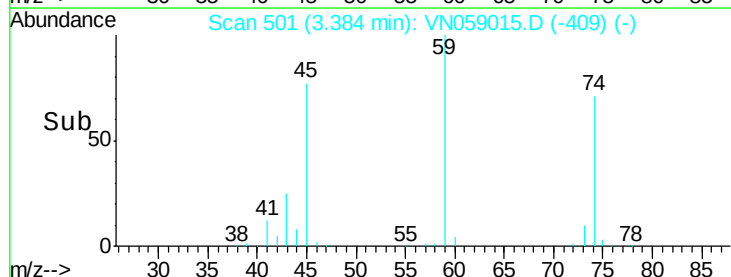
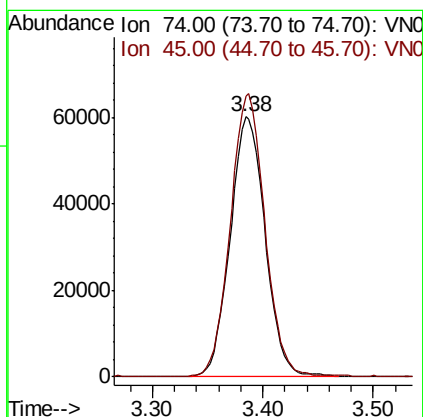
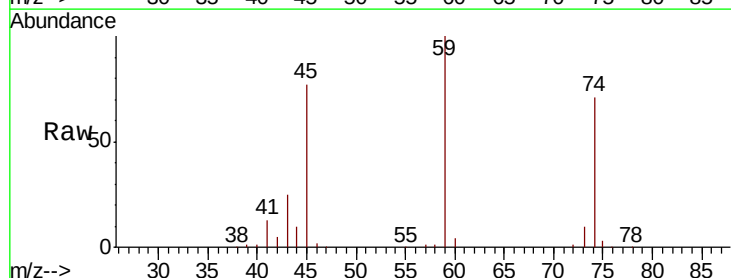
Tot Ion:101 Resp: 353321
Ion Ratio Lower Upper
101 100
103 64.0 52.2 78.2

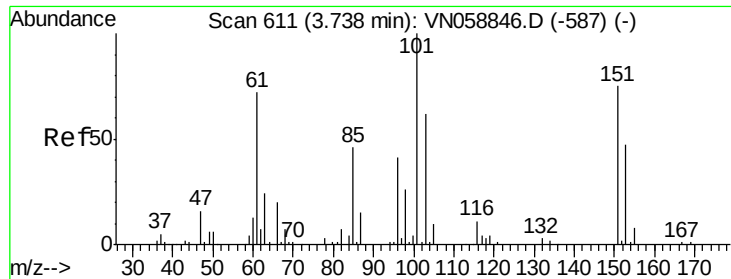


#8

Diethyl Ether
Concen: 50.565 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059015.D
Acq: 30 Oct 2019 9:14

Tgt Ion: 74 Resp: 132295
Ion Ratio Lower Upper
74 100
45 107.7 54.9 164.5

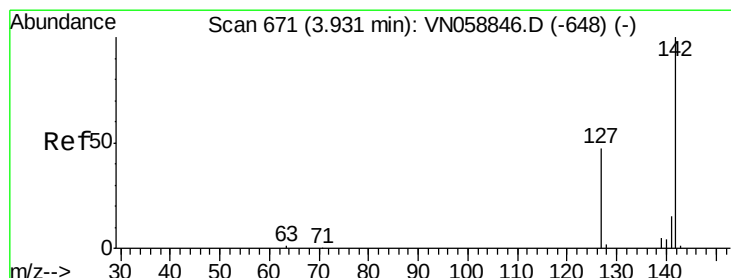
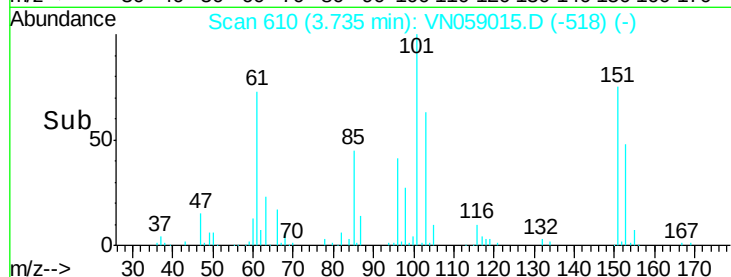
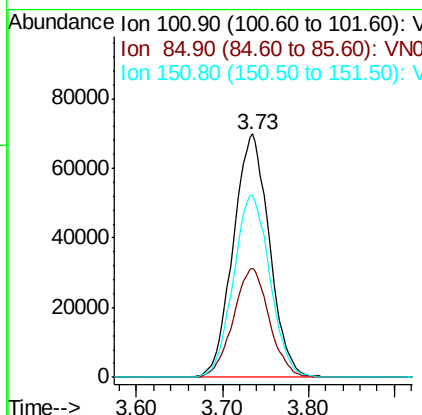
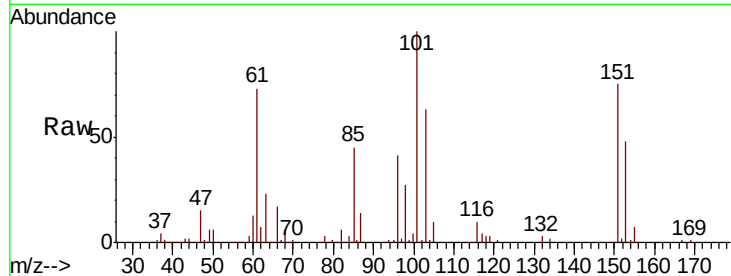




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.628 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

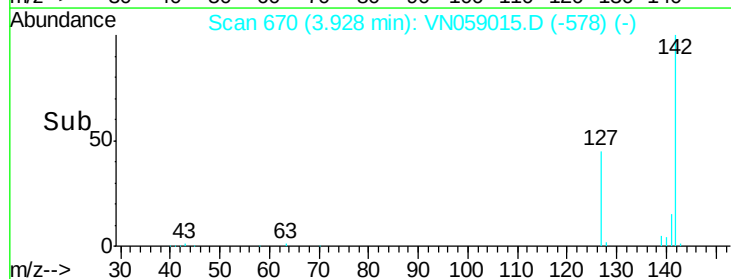
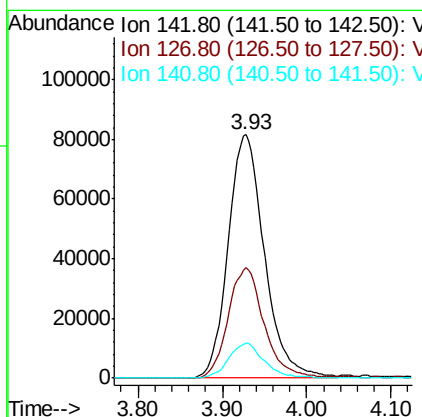
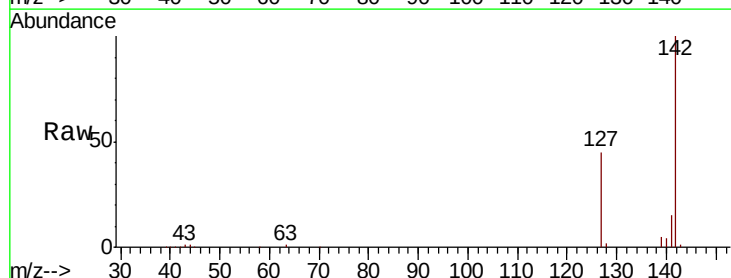
Instrument :
 MSVOA_N
 ClientSampled :

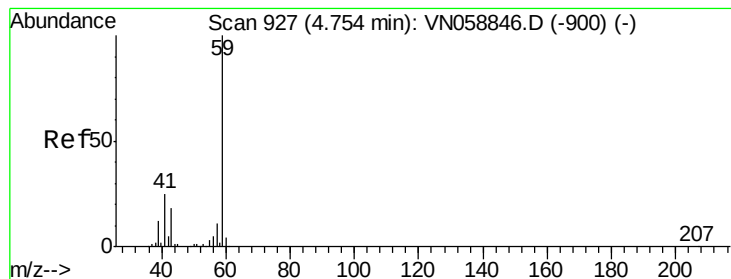
Tot Ion:101 Resp: 204099
 Ion Ratio Lower Upper
 101 100
 85 44.6 37.2 55.8
 151 75.6 59.9 89.9



#10
 Methyl Iodide
 Concen: 44.306 ug/l
 RT: 3.93 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion:142 Resp: 244580
 Ion Ratio Lower Upper
 142 100
 127 45.0 36.6 54.8
 141 14.2 11.4 17.2



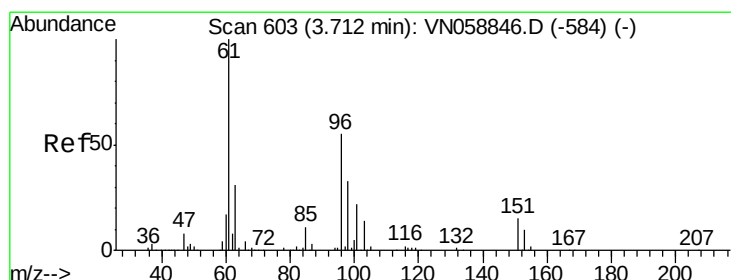
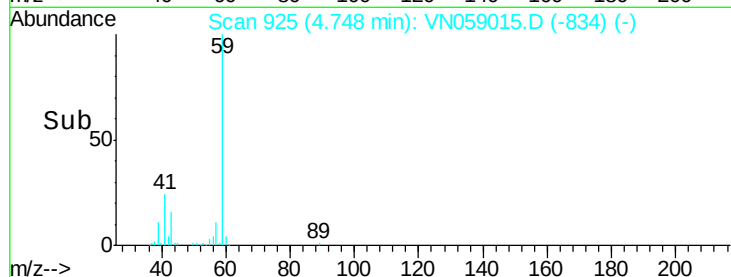
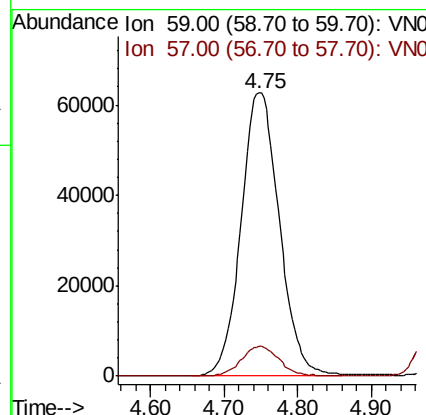
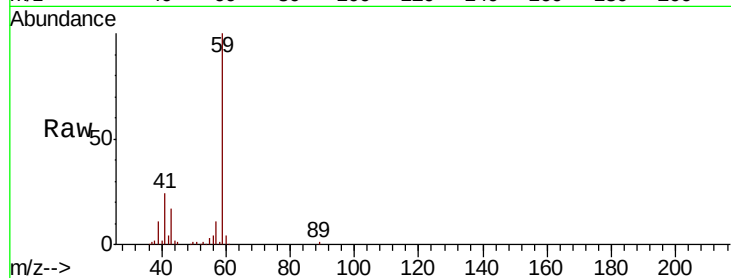


#11

Tert butyl alcohol
Concen: 233.967 ug/l
RT: 4.75 min Scan# 925
Delta R.T. -0.01 min
Lab File: VN059015.D
Acq: 30 Oct 2019 9:14

Instrument :
MSVOA_N
ClientSampled :

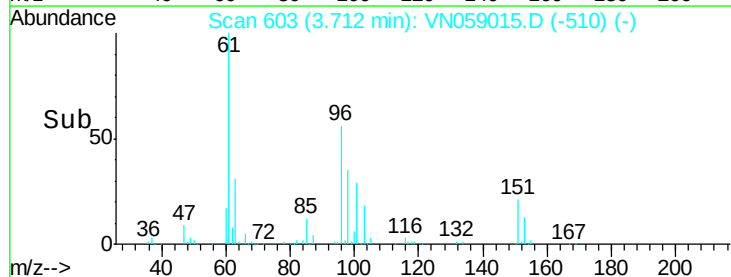
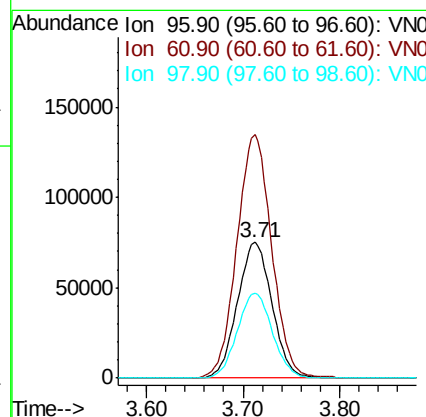
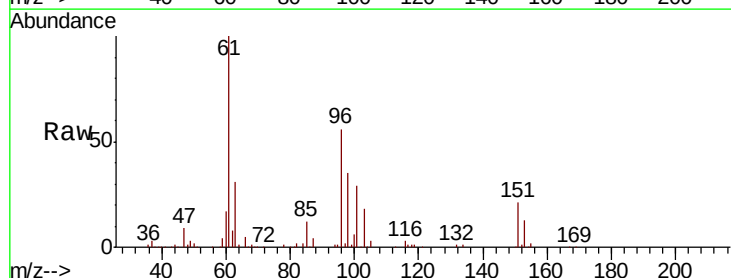
Tot Ion: 59 Resp: 227254
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8

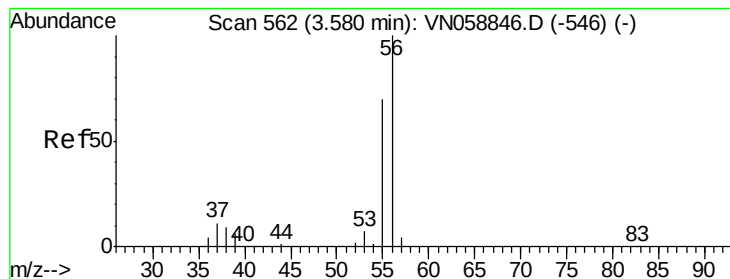


#12

1,1-Dichloroethene
Concen: 47.450 ug/l
RT: 3.71 min Scan# 603
Delta R.T. 0.00 min
Lab File: VN059015.D
Acq: 30 Oct 2019 9:14

Tgt Ion: 96 Resp: 186677
Ion Ratio Lower Upper
96 100
61 179.7 146.2 219.2
98 62.8 48.7 73.1





#13

Acrolein

Concen: 173.552 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059015.D

Acq: 30 Oct 2019 9:14

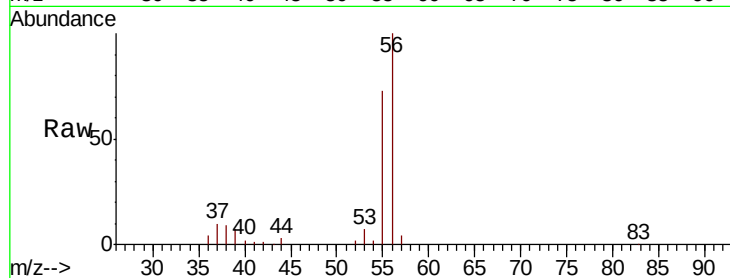
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 115827

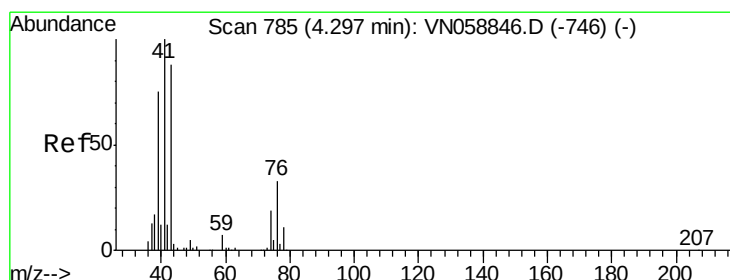
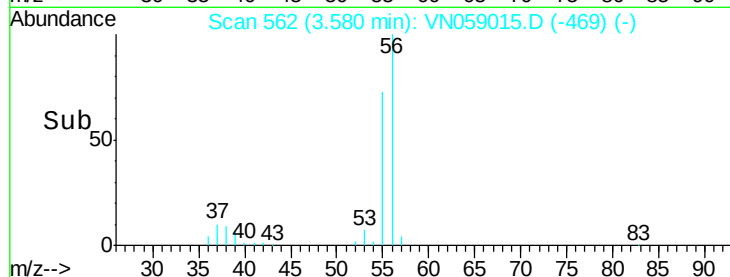
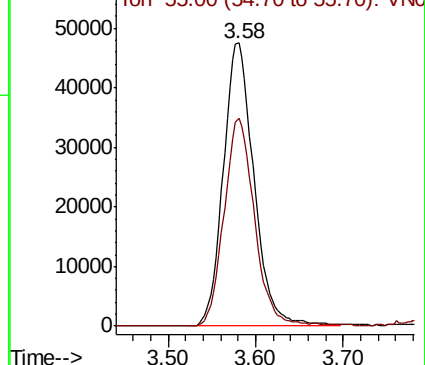
Ion Ratio Lower Upper

56 100

55 72.3 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 49.904 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059015.D

Acq: 30 Oct 2019 9:14

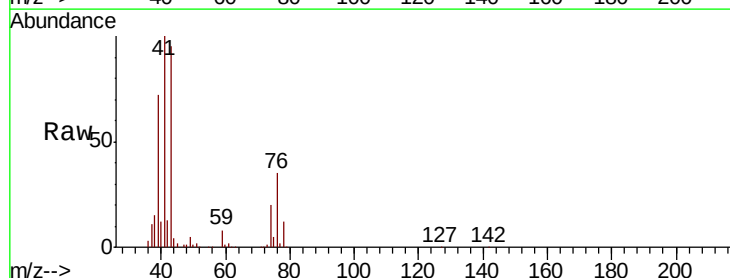
Tgt Ion: 41 Resp: 397283

Ion Ratio Lower Upper

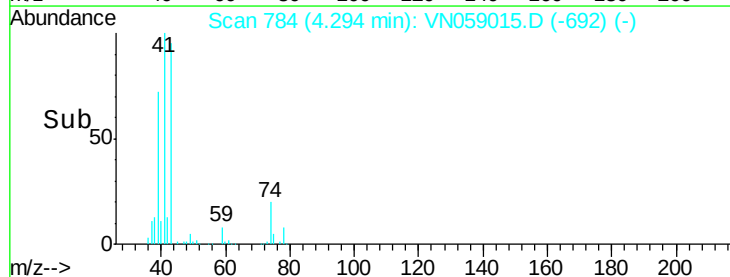
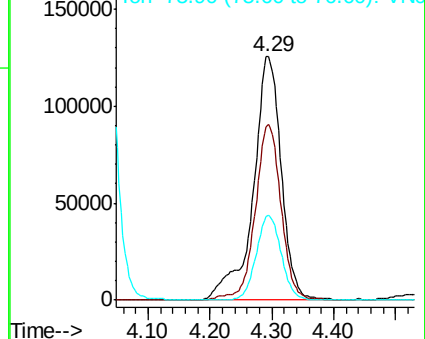
41 100

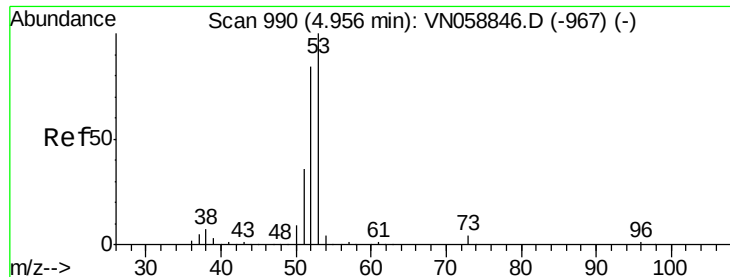
39 66.3 55.9 83.9

76 31.0 24.1 36.1



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 260.856 ug/l

RT: 4.95 min Scan# 988

Delta R.T. -0.01 min

Lab File: VN059015.D

Acq: 30 Oct 2019 9:14

Instrument :

MSVOA_N

ClientSampled :

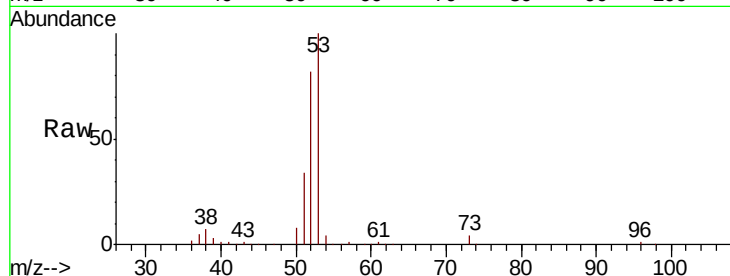
Tot Ion: 53 Resp: 637333

Ion Ratio Lower Upper

53 100

52 82.2 66.6 99.8

51 35.6 29.2 43.8



Abundance Ion 53.00 (52.70 to 53.70): VN058846.D (-967) (-)

Ion 52.00 (51.70 to 52.70): VN058846.D (-967) (-)

Ion 51.00 (50.70 to 51.70): VN058846.D (-967) (-)

4.95

250000

200000

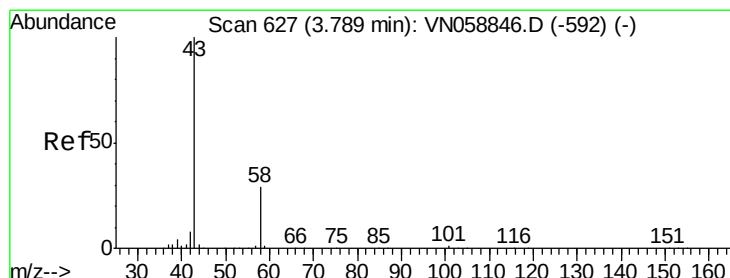
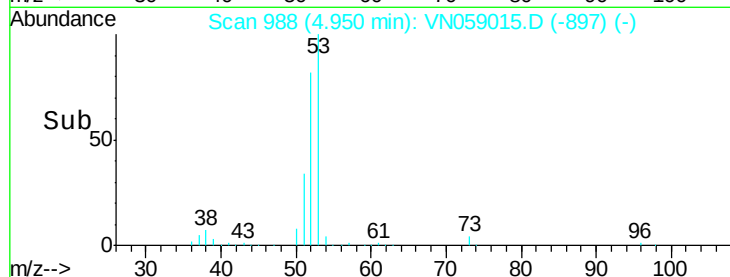
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 251.158 ug/l

RT: 3.79 min Scan# 626

Delta R.T. -0.00 min

Lab File: VN059015.D

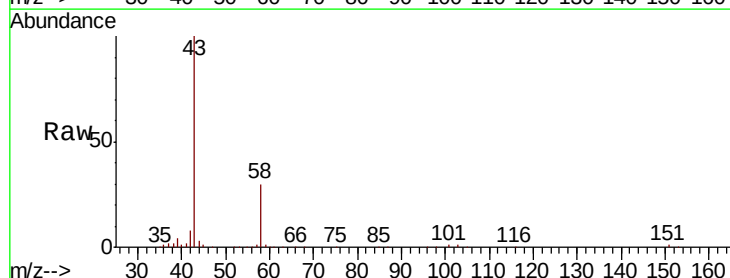
Acq: 30 Oct 2019 9:14

Tgt Ion: 43 Resp: 726423

Ion Ratio Lower Upper

43 100

58 29.9 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN058846.D (-592) (-)

Ion 58.00 (57.70 to 58.70): VN058846.D (-592) (-)

3.79

300000

250000

200000

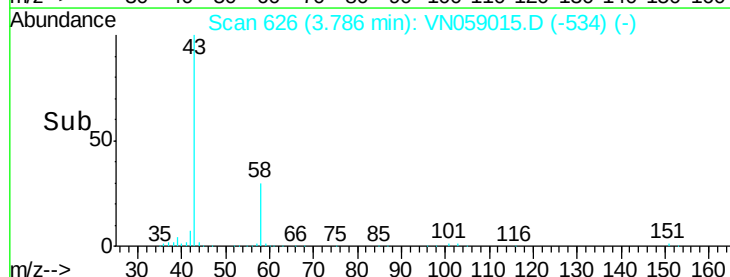
150000

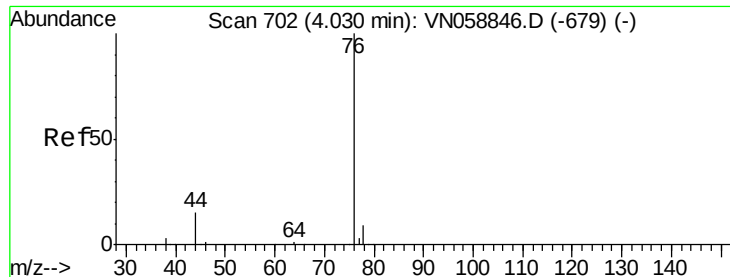
100000

50000

0

Time-->

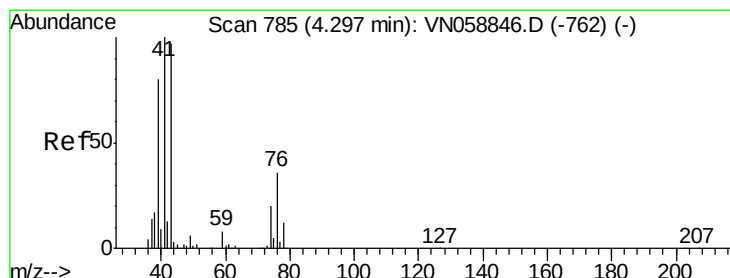
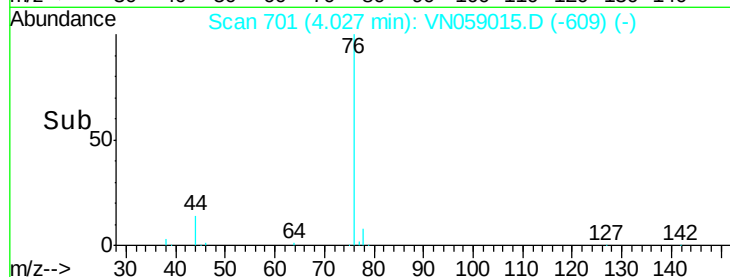
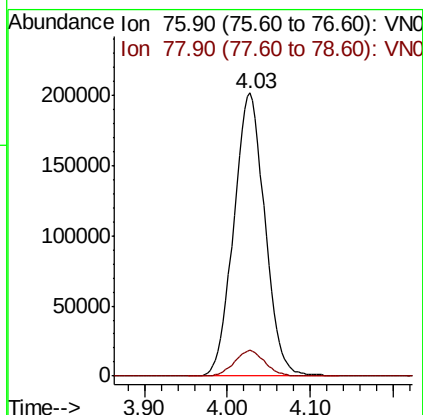
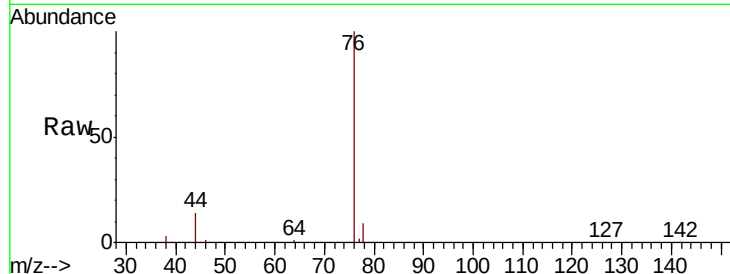




#17
Carbon Disulfide
Concen: 41.516 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN059015.D
Acq: 30 Oct 2019 9:14

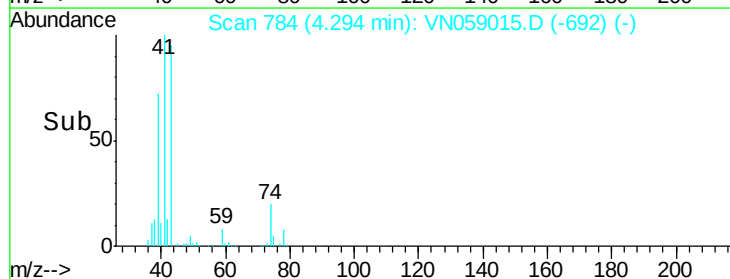
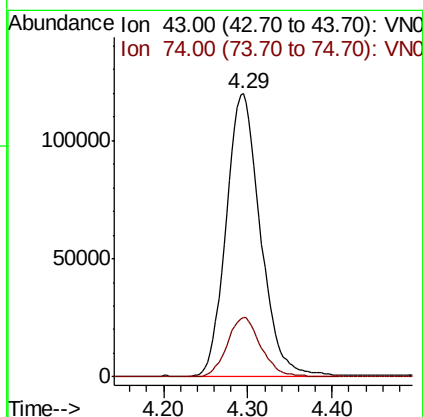
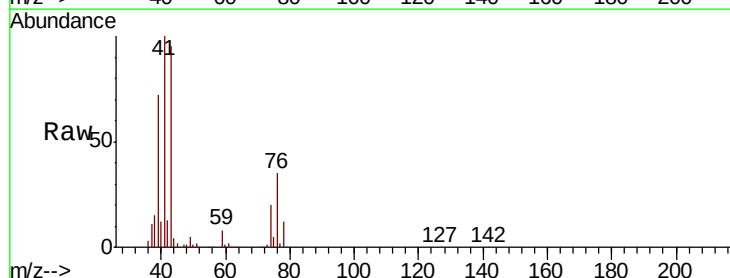
Instrument :
MSVOA_N
ClientSampled :

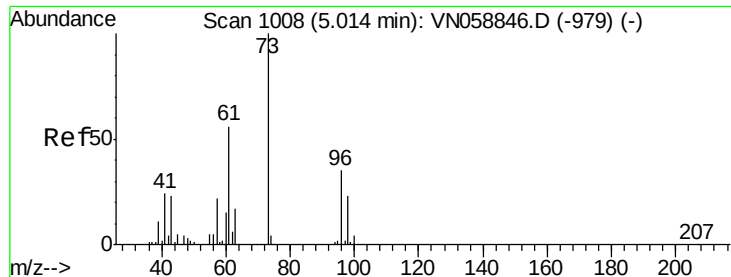
Tot Ion: 76 Resp: 526142
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 51.199 ug/l
RT: 4.29 min Scan# 784
Delta R.T. -0.00 min
Lab File: VN059015.D
Acq: 30 Oct 2019 9:14

Tgt Ion: 43 Resp: 336670
Ion Ratio Lower Upper
43 100
74 20.9 17.1 25.7

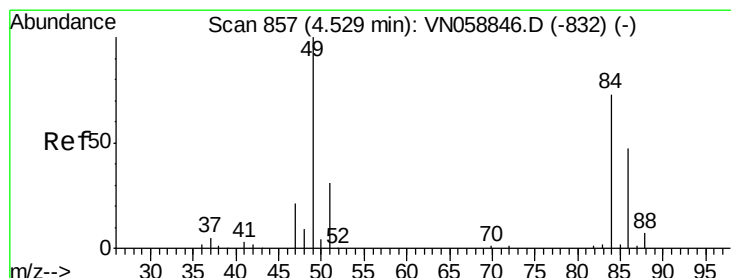
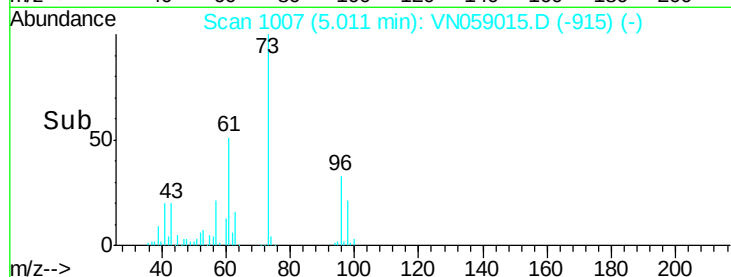
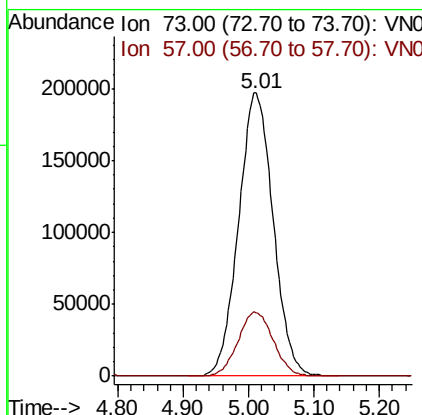
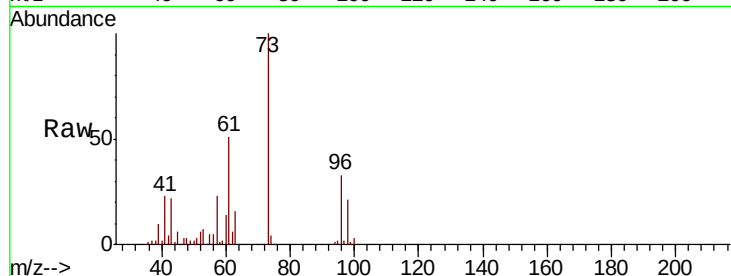




#19
Methyl tert-butyl Ether
Concen: 52.693 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059015.D
Acq: 30 Oct 2019 9:14

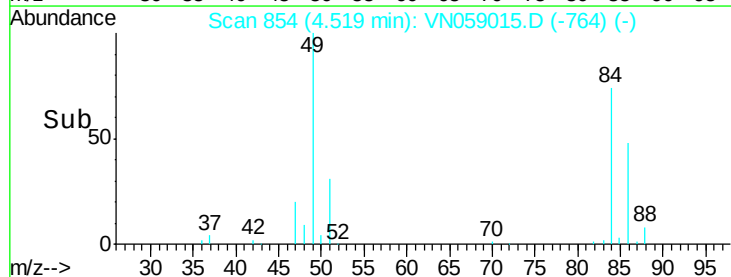
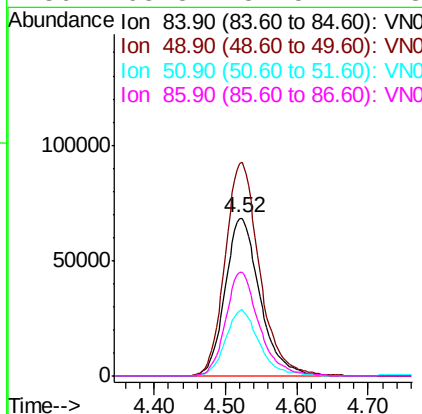
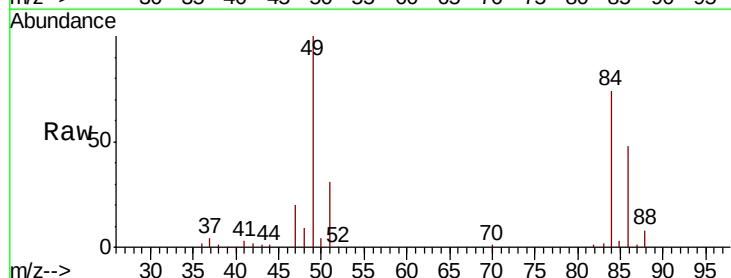
Instrument :
MSVOA_N
ClientSampled :

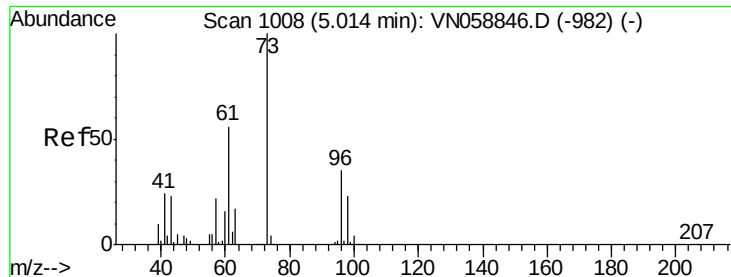
Tot Ion: 73 Resp: 725899
Ion Ratio Lower Upper
73 100
57 22.5 17.9 26.9



#20
Methylene Chloride
Concen: 46.968 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.01 min
Lab File: VN059015.D
Acq: 30 Oct 2019 9:14

Tgt Ion: 84 Resp: 231960
Ion Ratio Lower Upper
84 100
49 134.4 109.6 164.4
51 41.3 33.8 50.6
86 65.3 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 49.149 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.01 min

Lab File: VN059015.D

Acq: 30 Oct 2019 9:14

Instrument :

MSVOA_N

ClientSampled :

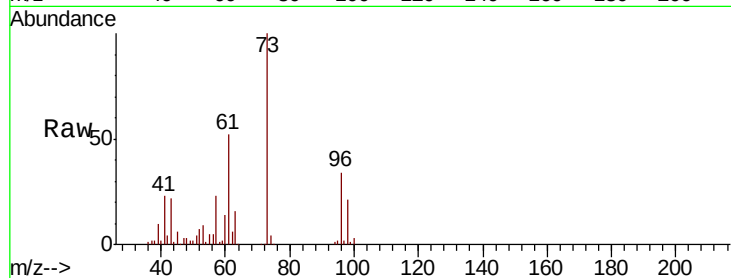
Tot Ion: 96 Resp: 213540

Ion Ratio Lower Upper

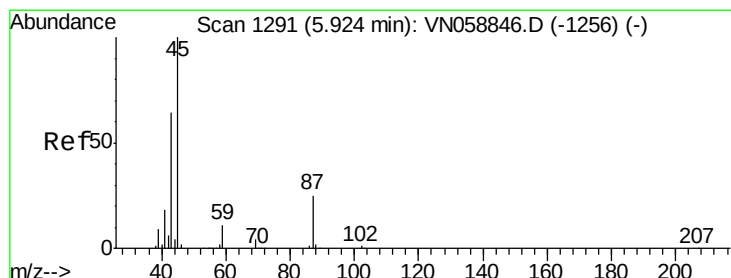
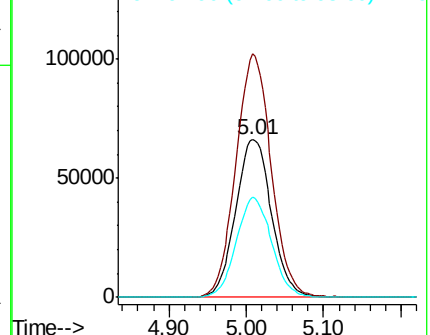
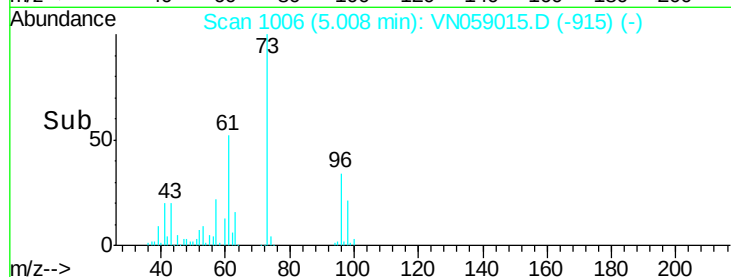
96 100

61 154.8 126.7 190.1

98 63.6 52.0 78.0



Abundance Ion 95.90 (95.60 to 96.60): VN059015.D (-915) (-)



#22

Diisopropyl ether

Concen: 53.499 ug/l

RT: 5.92 min Scan# 1290

Delta R.T. -0.00 min

Lab File: VN059015.D

Acq: 30 Oct 2019 9:14

Tgt Ion: 45 Resp: 833059

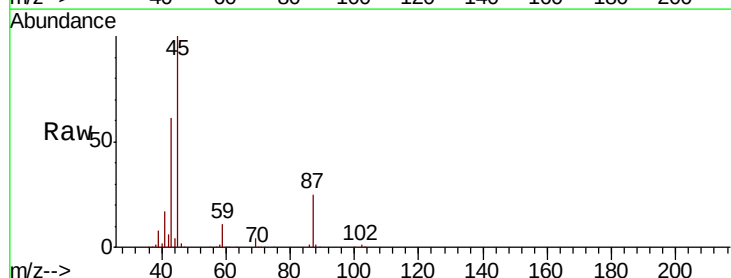
Ion Ratio Lower Upper

45 100

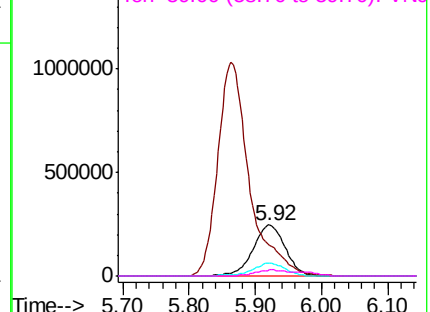
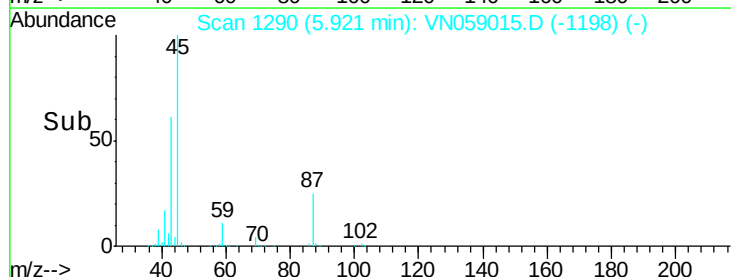
43 60.4 52.9 79.3

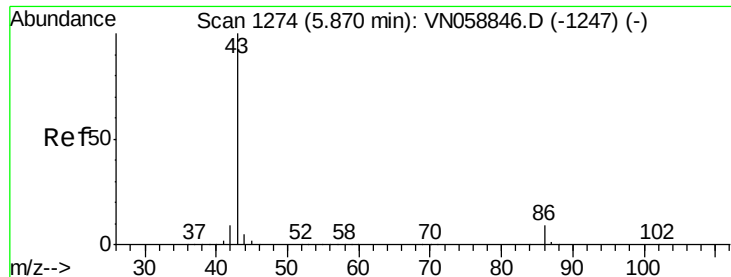
87 24.9 20.2 30.4

59 11.2 8.8 13.2



Abundance Ion 45.00 (44.70 to 45.70): VN059015.D (-1198) (-)





#23

Vinyl Acetate

Concen: 273.422 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. -0.01 min

Lab File: VN059015.D

Acq: 30 Oct 2019 9:14

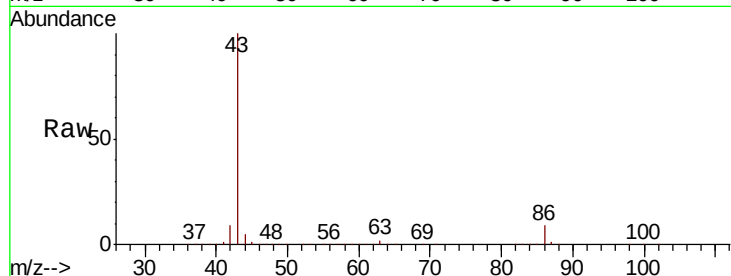
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 3420660

Ion Ratio Lower Upper

43 100

86 9.1 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

1200000

1000000

800000

600000

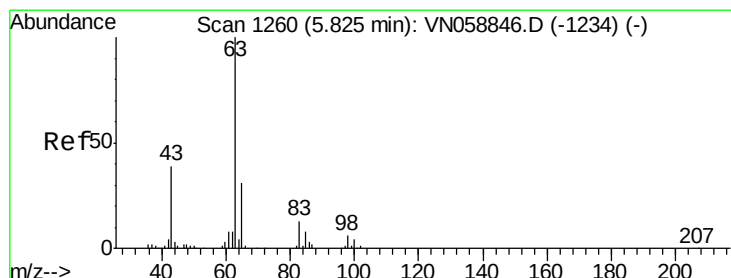
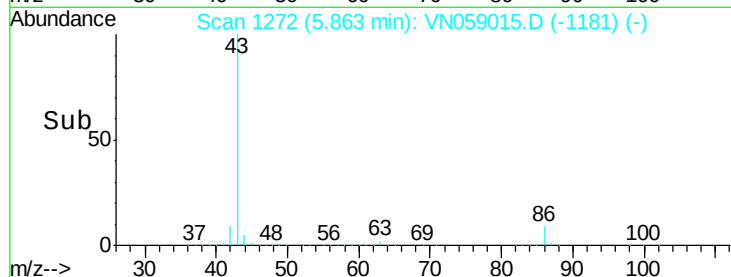
400000

200000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 49.714 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.01 min

Lab File: VN059015.D

Acq: 30 Oct 2019 9:14

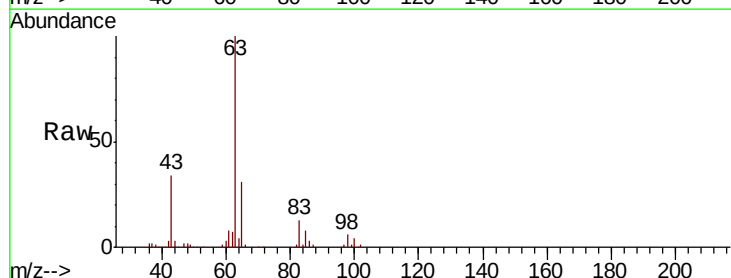
Tgt Ion: 63 Resp: 448870

Ion Ratio Lower Upper

63 100

98 6.1 2.8 8.4

100 3.8 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

150000

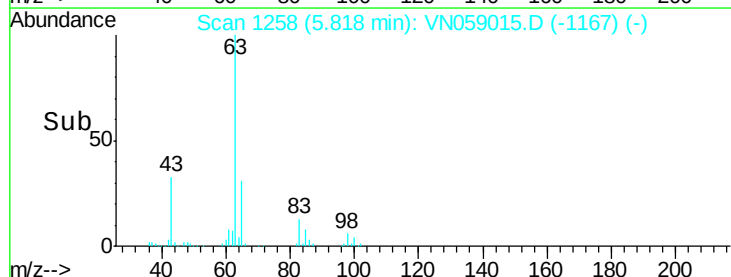
100000

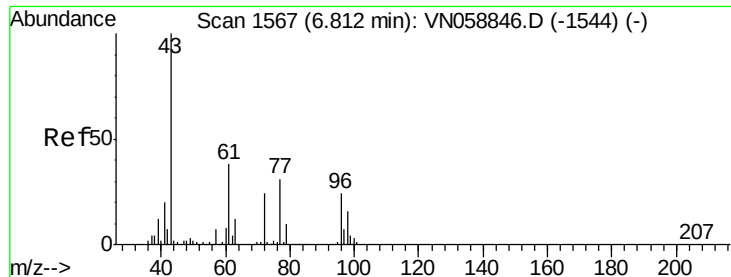
50000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 249.585 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VN059015.D

Acq: 30 Oct 2019 9:14

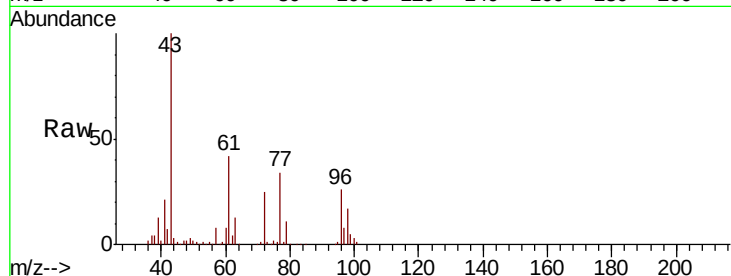
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 937066

Ion Ratio Lower Upper

43 100

72 25.0 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VN058846.D (-1544) (-)

Ion 72.00 (71.70 to 72.70): VN058846.D (-1544) (-)

6.81

300000

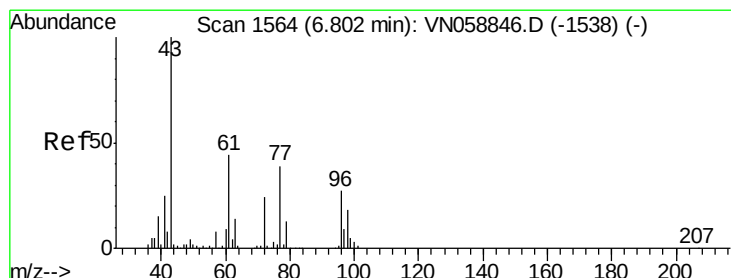
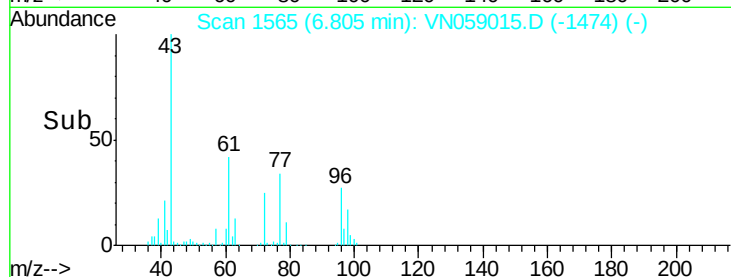
200000

100000

0

6.70 6.75 6.80 6.85 6.90

Time-->



#26

2,2-Dichloropropane

Concen: 50.261 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.01 min

Lab File: VN059015.D

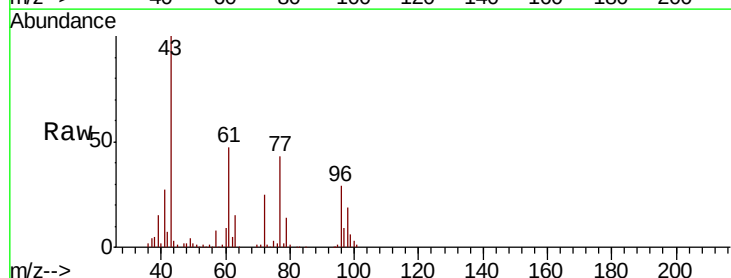
Acq: 30 Oct 2019 9:14

Tgt Ion: 77 Resp: 392528

Ion Ratio Lower Upper

77 100

97 21.6 10.6 31.8



Abundance Ion 76.90 (76.60 to 77.60): VN058846.D (-1538) (-)

Ion 96.90 (96.60 to 97.60): VN058846.D (-1538) (-)

6.80

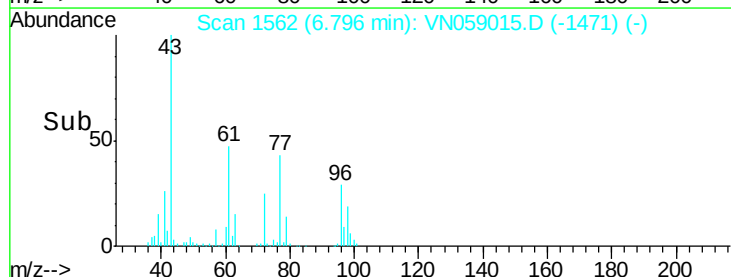
100000

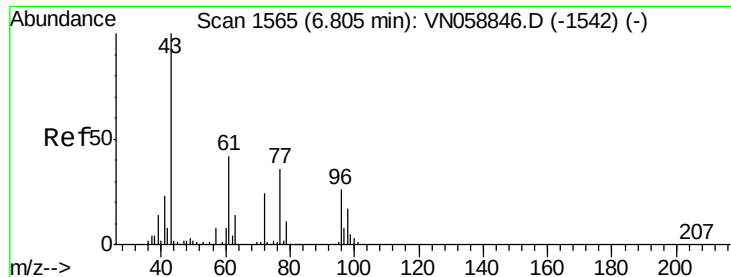
50000

0

6.70 6.80 6.90

Time-->

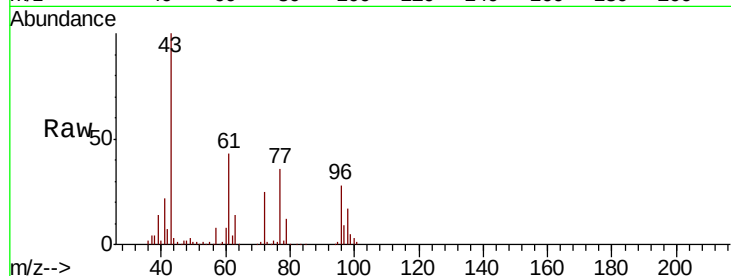




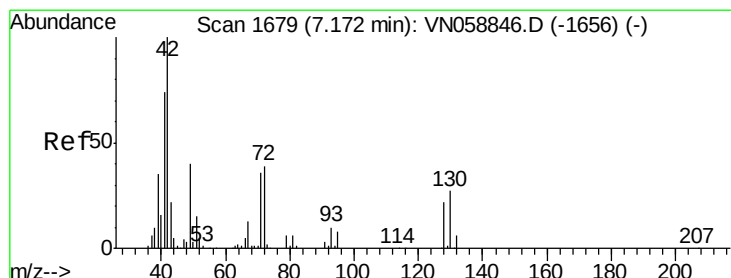
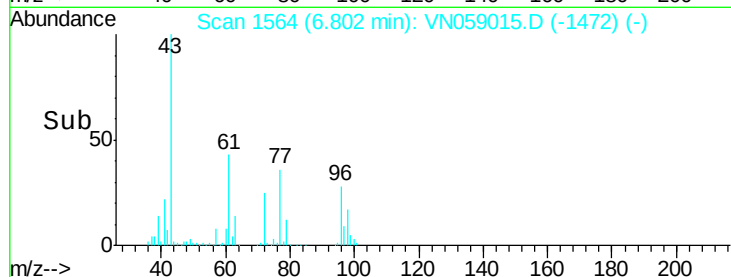
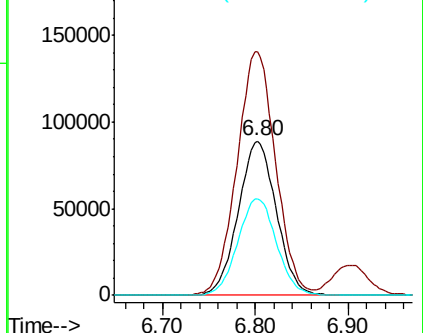
#27
 cis-1,2-Dichloroethene
 Concen: 51.079 ug/l
 RT: 6.80 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	96	Resp	253520
Ion	Ratio	Lower	Upper
96	100		
61	160.7	0.0	325.0
98	63.8	0.0	128.0

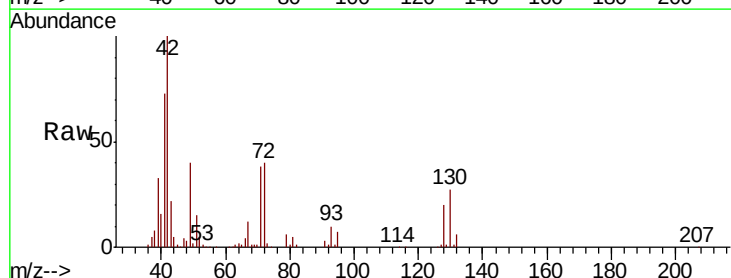


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

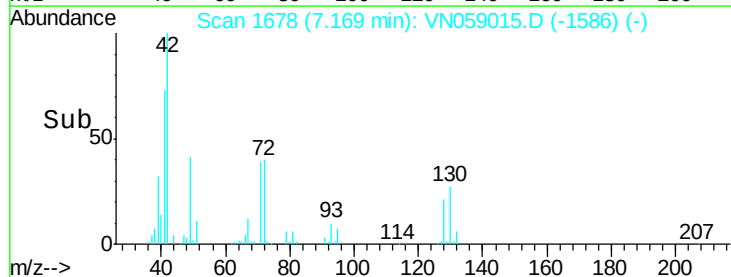
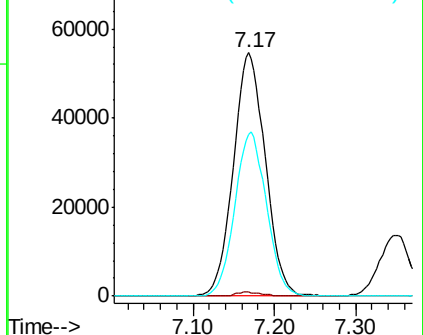


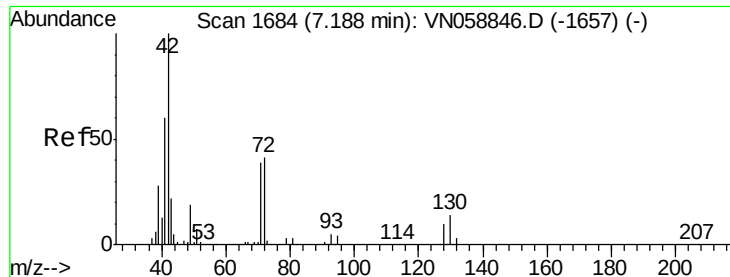
#28
 Bromochloromethane
 Concen: 49.478 ug/l
 RT: 7.17 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	49	Resp	148782
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.2
130	66.3	53.5	80.3



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

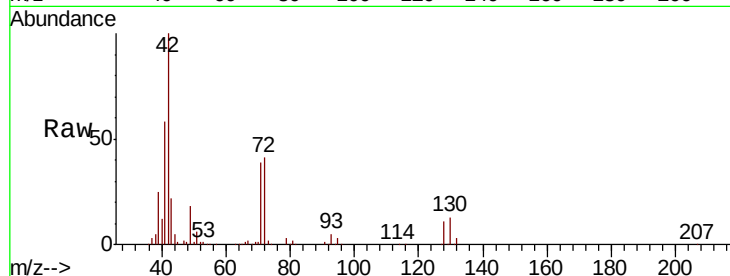




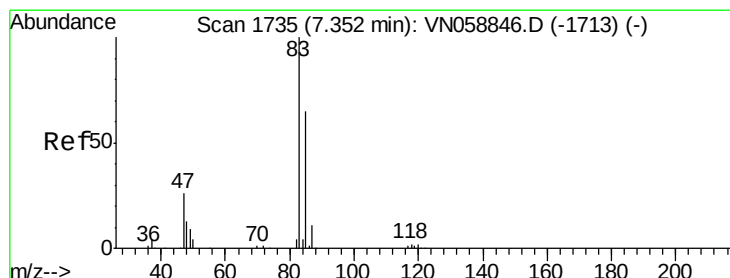
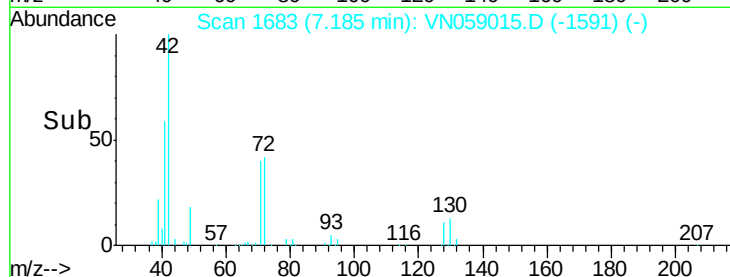
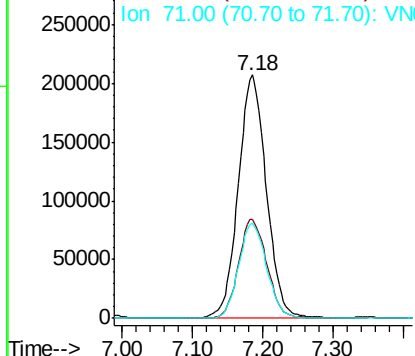
#29
Tetrahydrofuran
Concen: 250.172 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN059015.D
Acq: 30 Oct 2019 9:14

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.9	32.2	48.2
71	38.7	30.6	45.8

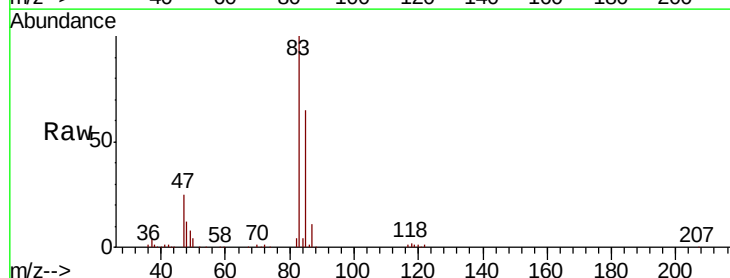


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

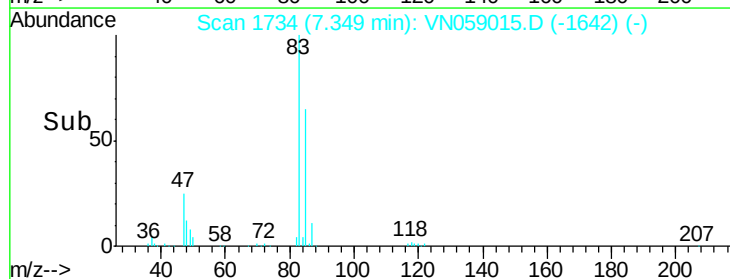
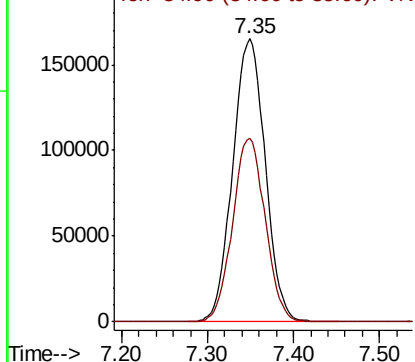


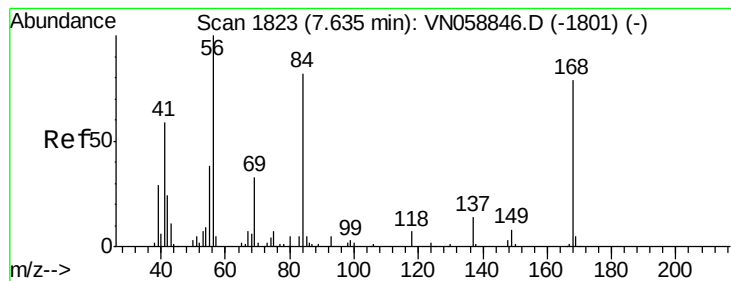
#30
Chloroform
Concen: 47.996 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059015.D
Acq: 30 Oct 2019 9:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.9	77.9



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





#31

Cyclohexane

Concen: 45.248 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN059015.D

Acq: 30 Oct 2019 9:14

Instrument :

MSVOA_N

ClientSampleId :

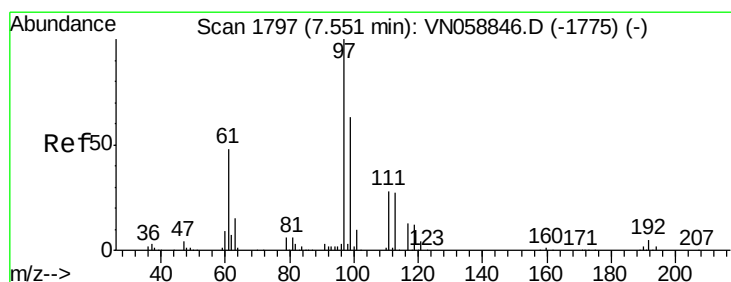
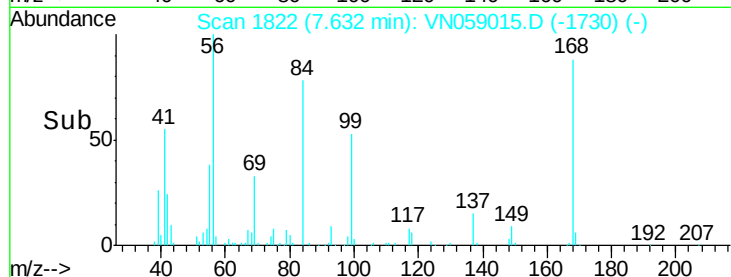
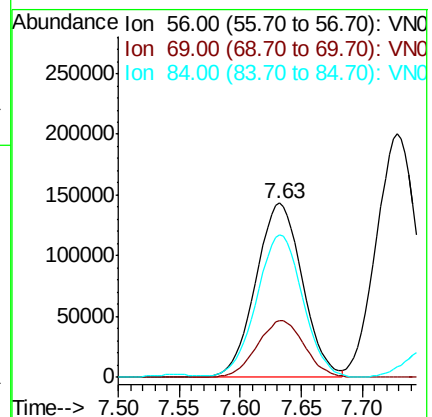
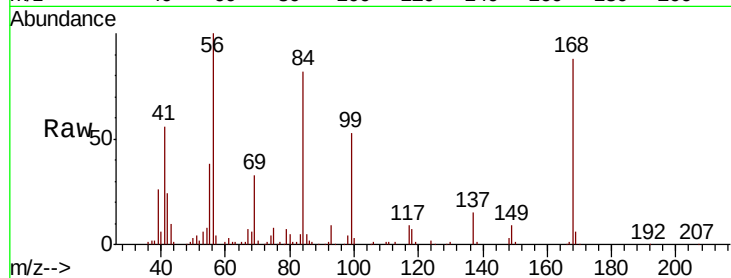
Tot Ion: 56 Resp: 380608

Ion Ratio Lower Upper

56 100

69 32.7 26.2 39.4

84 80.6 65.6 98.4



#32

1,1,1-Trichloroethane

Concen: 48.188 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.01 min

Lab File: VN059015.D

Acq: 30 Oct 2019 9:14

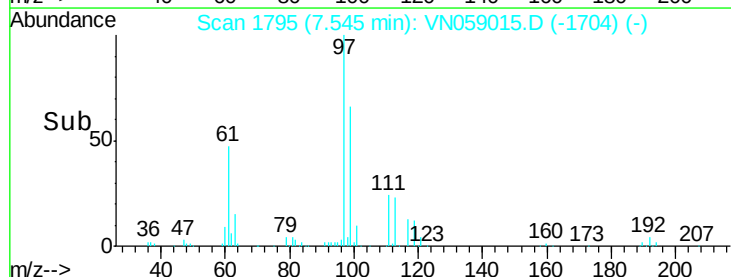
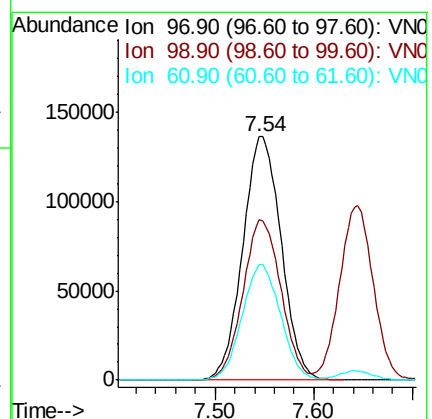
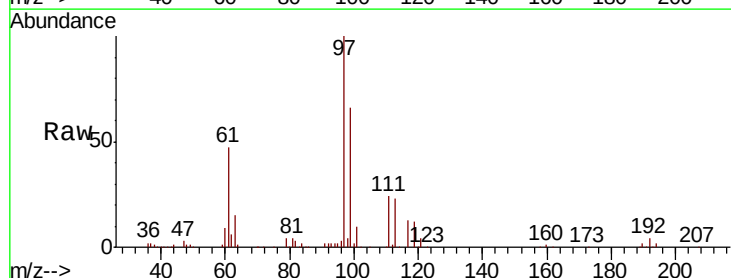
Tgt Ion: 97 Resp: 367876

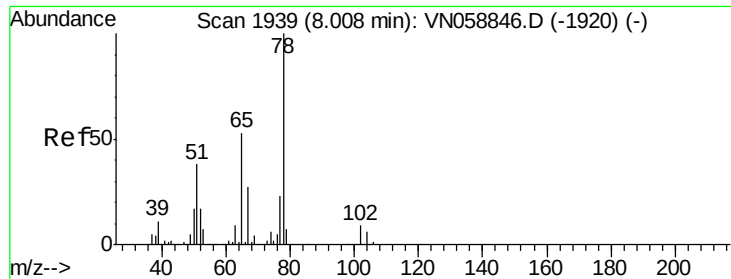
Ion Ratio Lower Upper

97 100

99 65.2 51.0 76.4

61 47.4 38.6 58.0

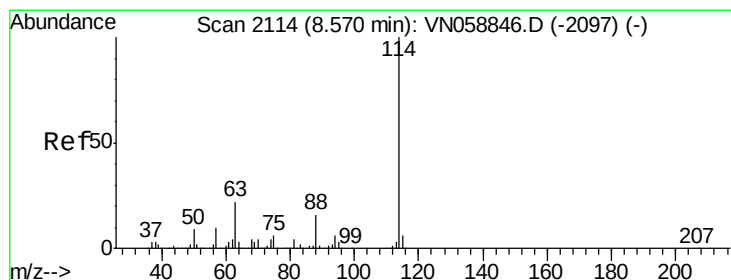
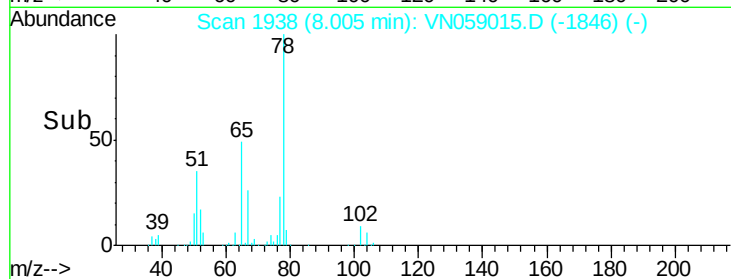
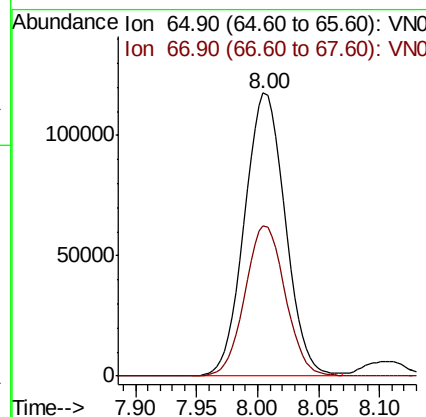
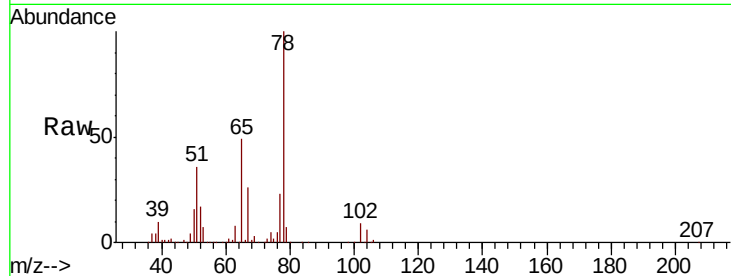




#33
 1,2-Dichloroethane-d4
 Concen: 46.485 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

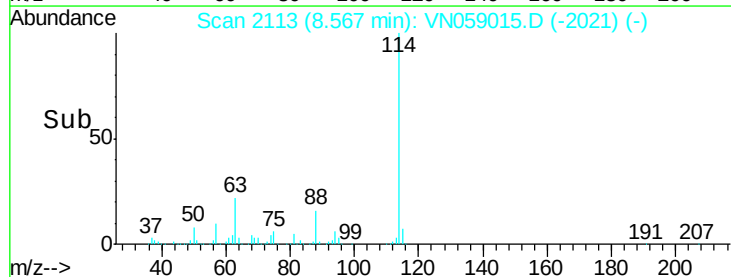
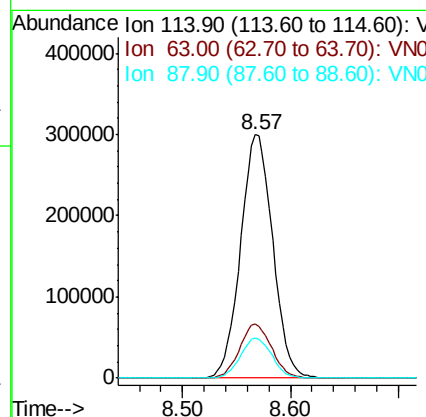
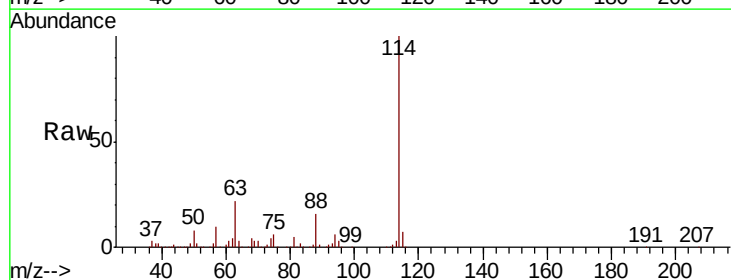
Instrument :
 MSVOA_N
 ClientSampled :

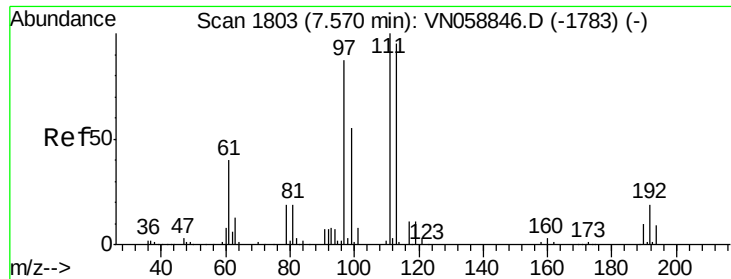
Tot Ion: 65 Resp: 272085
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion: 114 Resp: 623230
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 44.4
 88 16.3 0.0 31.4

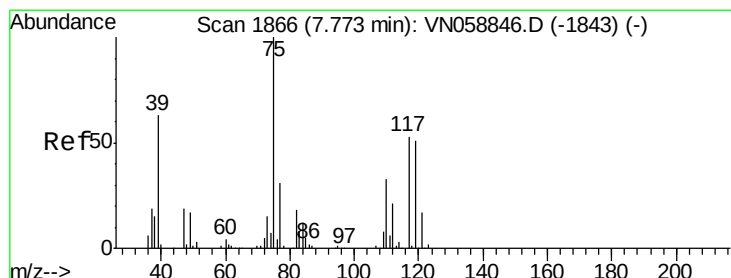
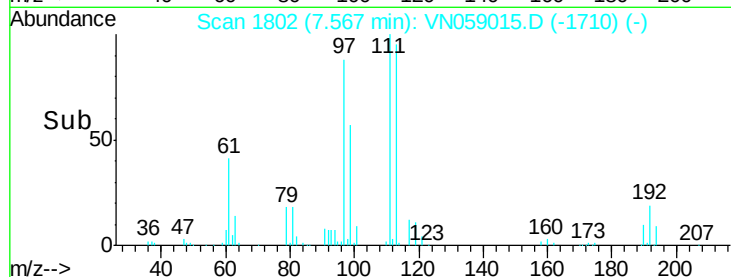
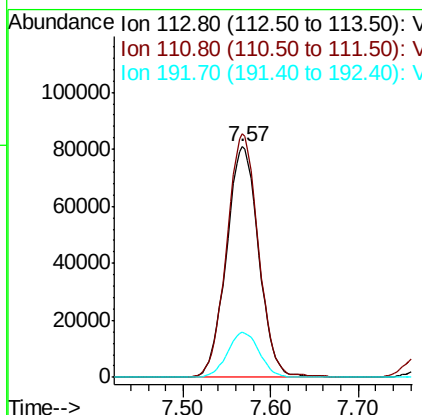
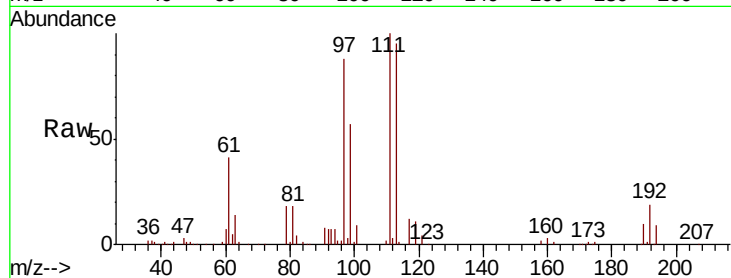




#35
 Dibromofluoromethane
 Concen: 50.515 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

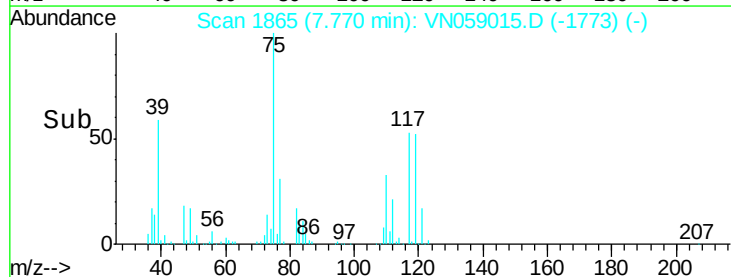
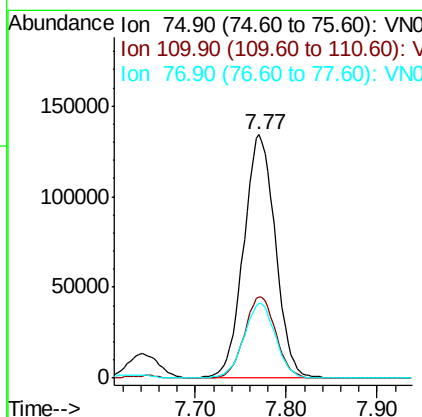
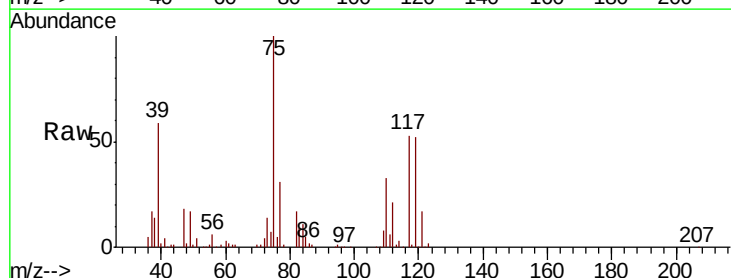
Instrument :
 MSVOA_N
 ClientSampled :

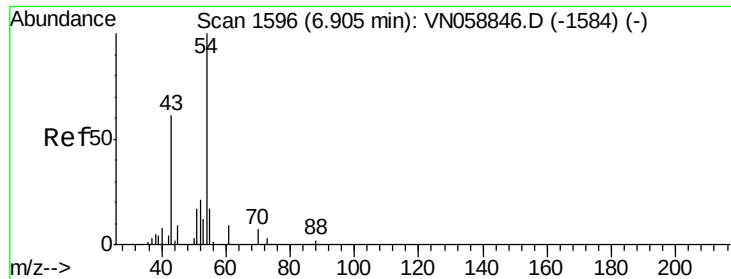
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.0	123.0
192	19.2	15.0	22.6



#36
 1,1-Dichloropropene
 Concen: 50.720 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.1	16.3	48.9
77	30.8	24.6	36.8

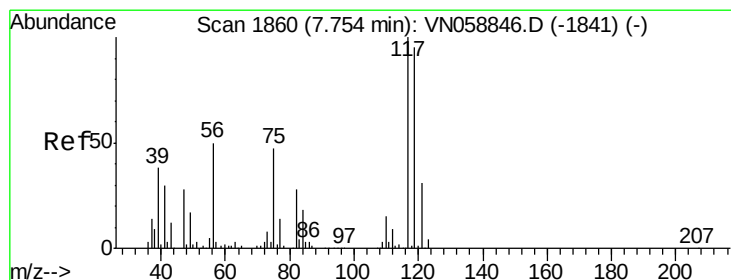
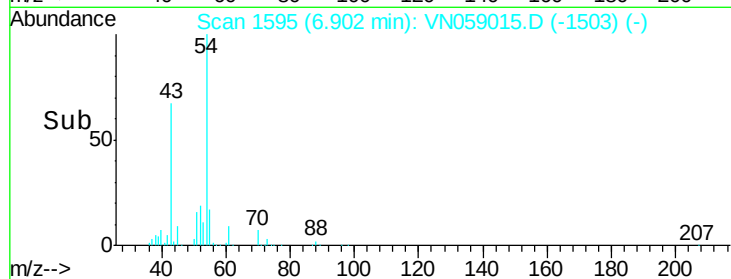
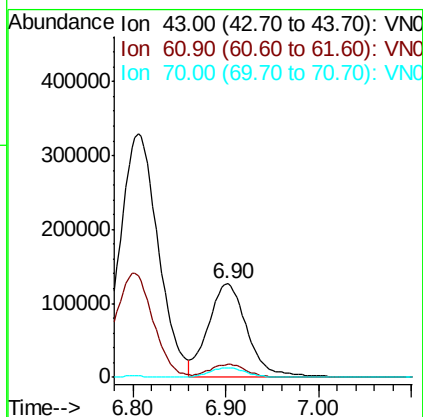
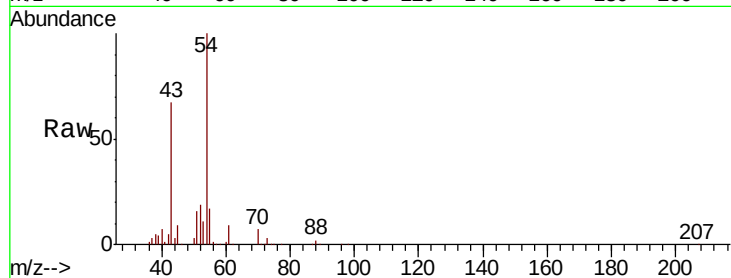




#37
Ethyl Acetate
Concen: 52.079 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VN059015.D
Acq: 30 Oct 2019 9:14

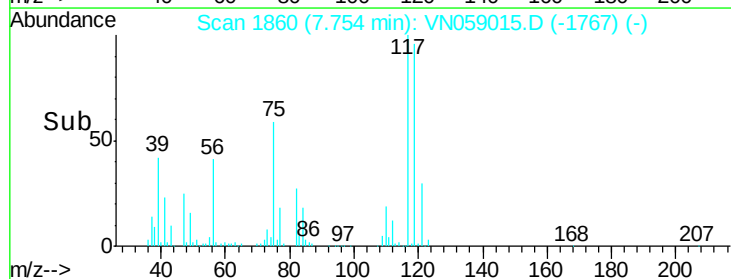
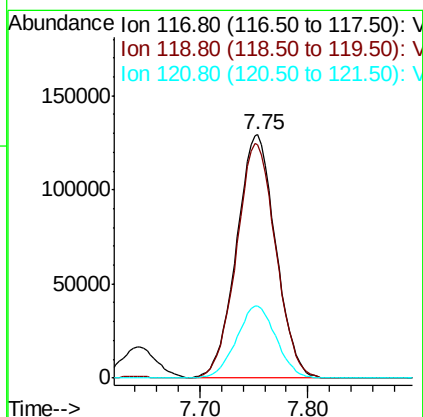
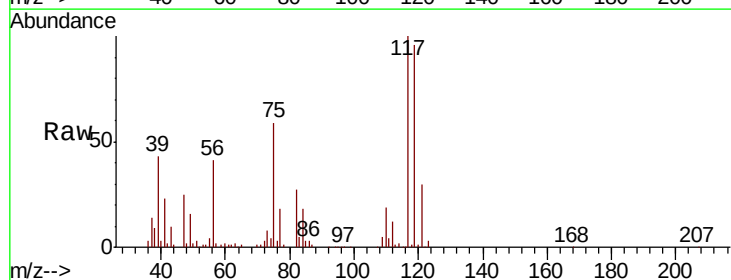
Instrument :
MSVOA_N
ClientSampleId :

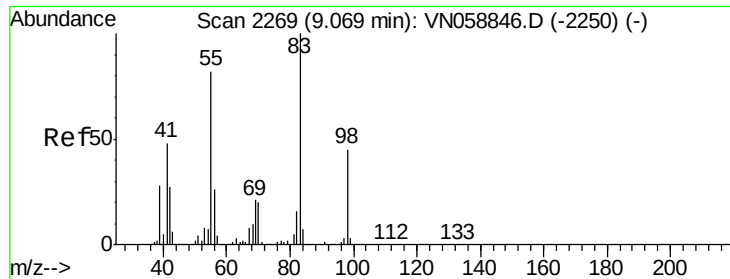
Tot Ion: 43 Resp: 362075
Ion Ratio Lower Upper
43 100
61 13.3 10.5 15.7
70 9.9 7.6 11.4



#38
Carbon Tetrachloride
Concen: 49.518 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059015.D
Acq: 30 Oct 2019 9:14

Tgt Ion: 117 Resp: 325490
Ion Ratio Lower Upper
117 100
119 95.7 75.7 113.5
121 29.9 25.0 37.6

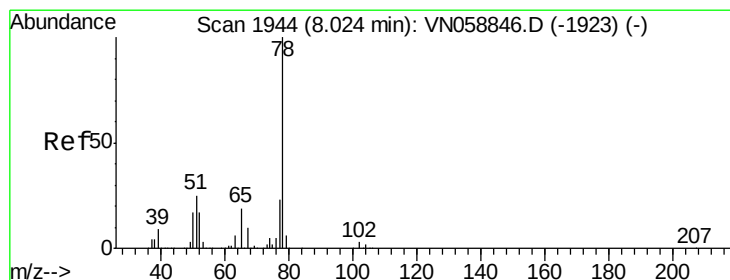
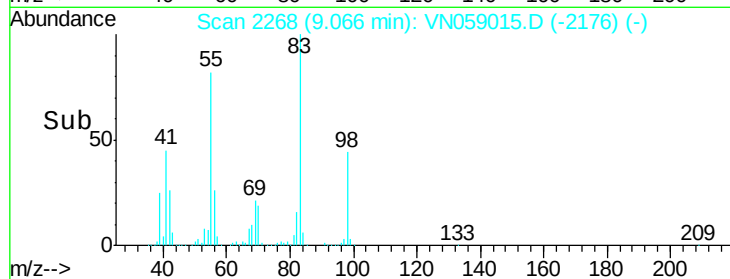
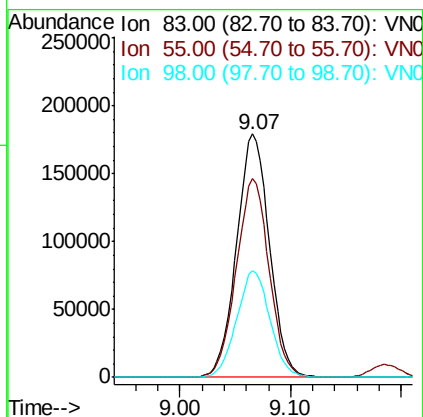
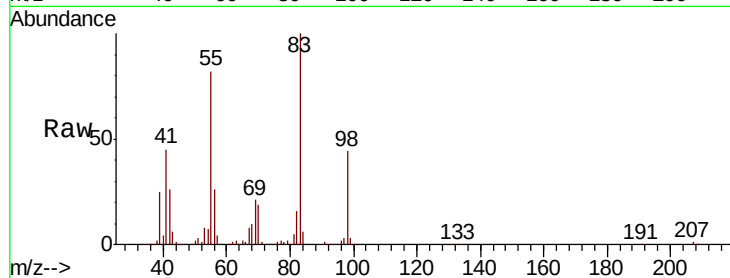




#39
Methylvlcyclohexane
Concen: 51.673 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059015.D
Acq: 30 Oct 2019 9:14

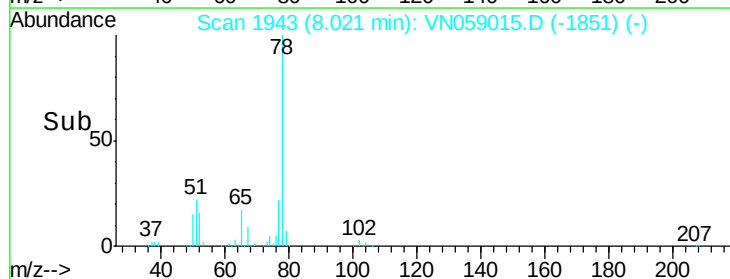
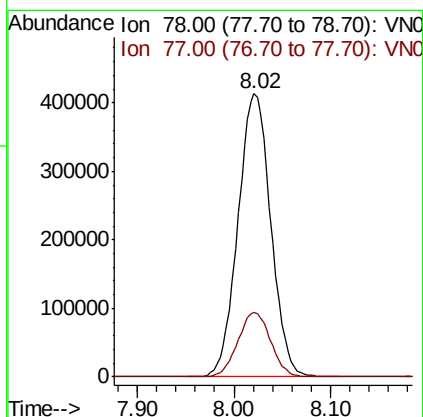
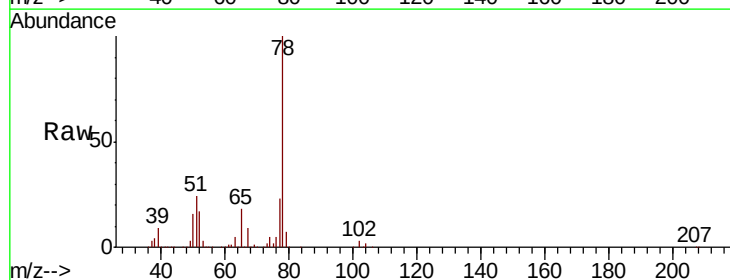
Instrument :
MSVOA_N
ClientSampleId :

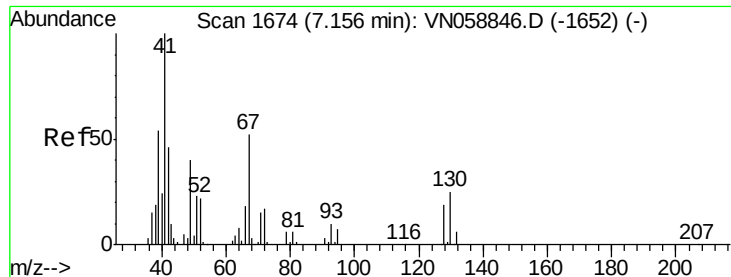
Tot Ion: 83 Resp: 370207
Ion Ratio Lower Upper
83 100
55 81.8 65.5 98.3
98 43.6 35.7 53.5



#40
Benzene
Concen: 51.989 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059015.D
Acq: 30 Oct 2019 9:14

Tgt Ion: 78 Resp: 974095
Ion Ratio Lower Upper
78 100
77 22.8 18.2 27.2

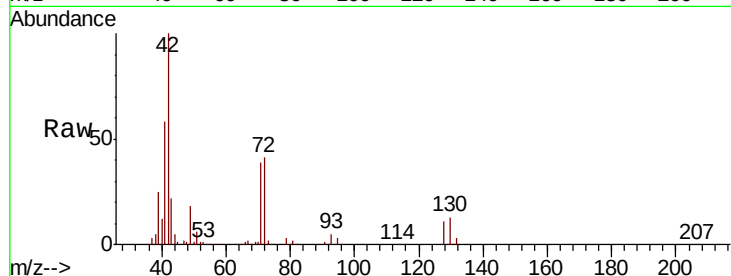




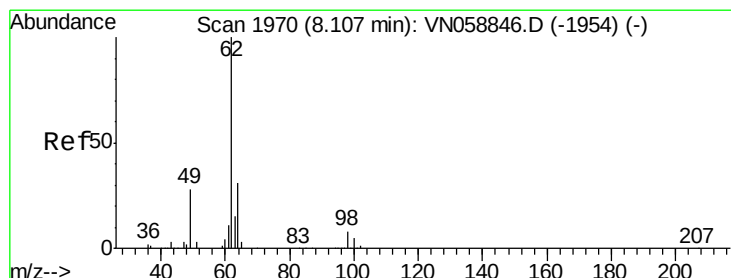
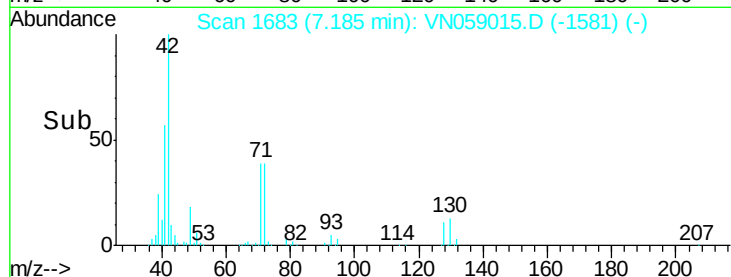
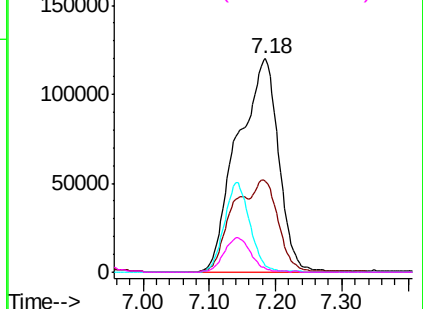
#41
Methacrylonitrile
Concen: 167.174 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.03 min
Lab File: VN059015.D
Acq: 30 Oct 2019 9:14

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	517646
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

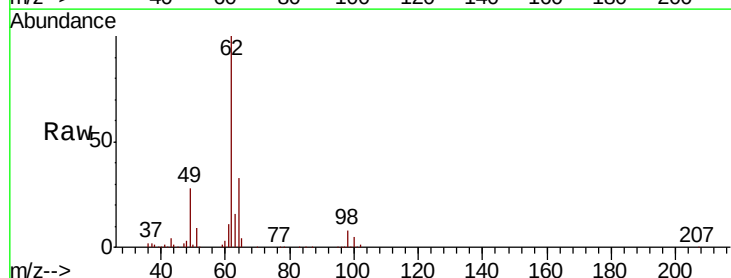


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

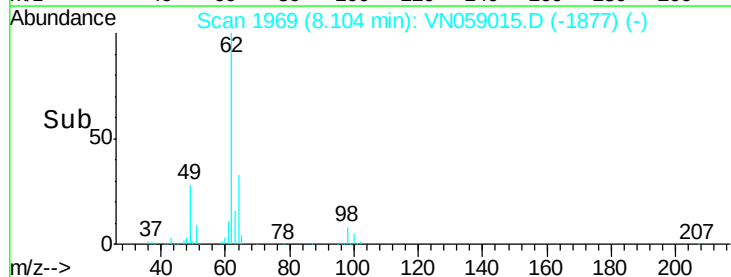
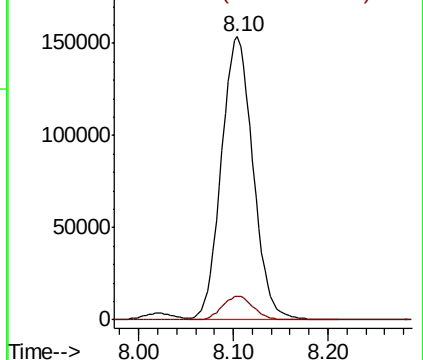


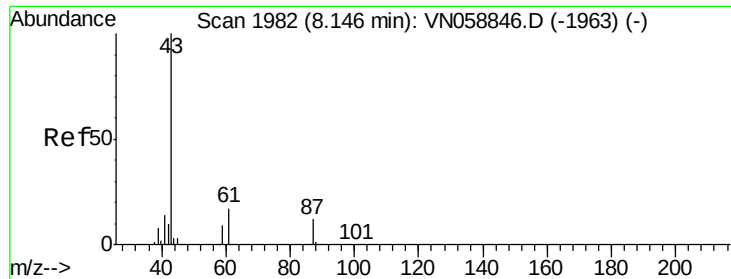
#42
1,2-Dichloroethane
Concen: 49.335 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.00 min
Lab File: VN059015.D
Acq: 30 Oct 2019 9:14

Tgt Ion:	62	Resp:	356075
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.2



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 52.362 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. -0.00 min

Lab File: VN059015.D

Acq: 30 Oct 2019 9:14

Instrument :

MSVOA_N

ClientSampleId :

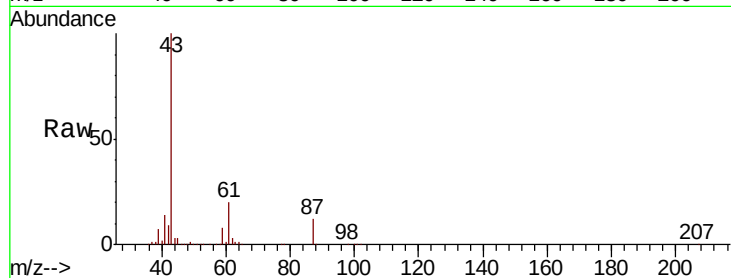
Tot Ion: 43 Resp: 583842

Ion Ratio Lower Upper

43 100

61 25.5 20.2 30.2

87 12.1 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN058846.D (-1963) (-)

Ion 61.00 (60.70 to 61.70): VN058846.D (-1963) (-)

Ion 87.00 (86.70 to 87.70): VN058846.D (-1963) (-)

8.14

300000

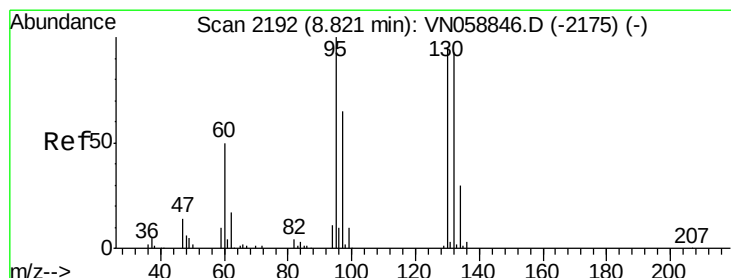
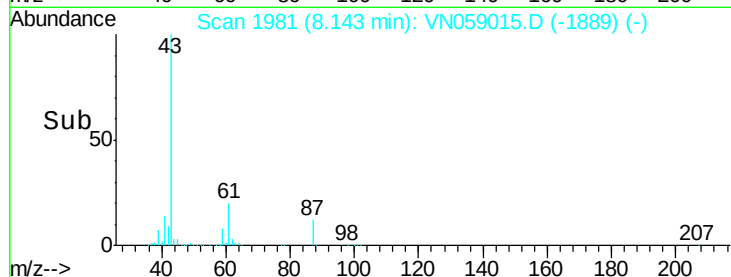
200000

100000

0

8.10 8.20

Time-->



#44

Trichloroethene

Concen: 51.338 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VN059015.D

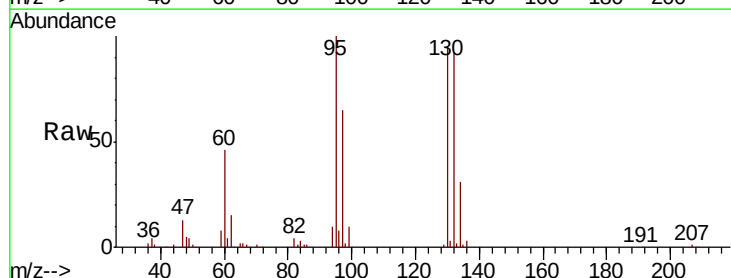
Acq: 30 Oct 2019 9:14

Tgt Ion: 130 Resp: 234314

Ion Ratio Lower Upper

130 100

95 105.7 0.0 209.6



Abundance Ion 129.80 (129.50 to 130.50): VN058846.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN058846.D (-2175) (-)

8.82

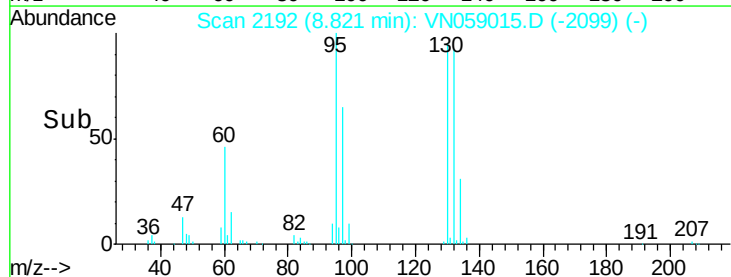
100000

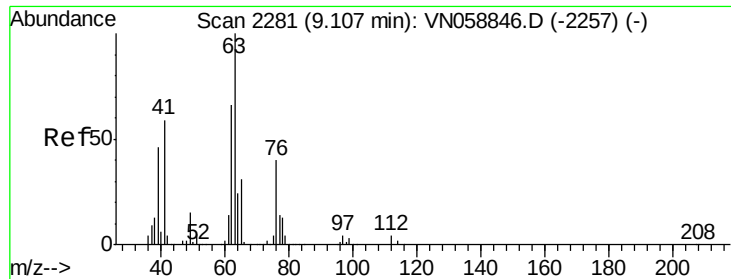
50000

0

8.75 8.80 8.85 8.90

Time-->

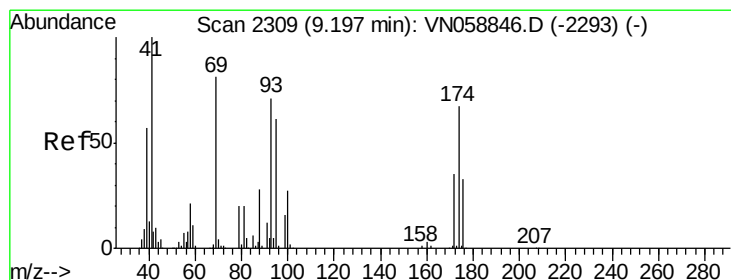
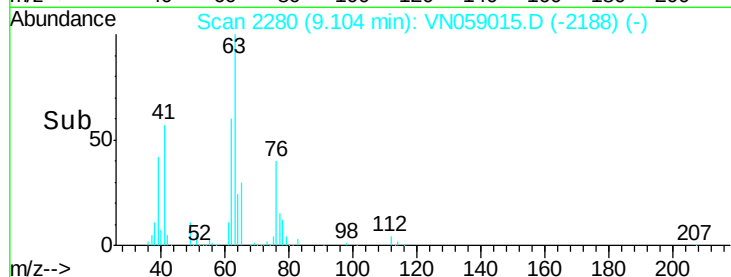
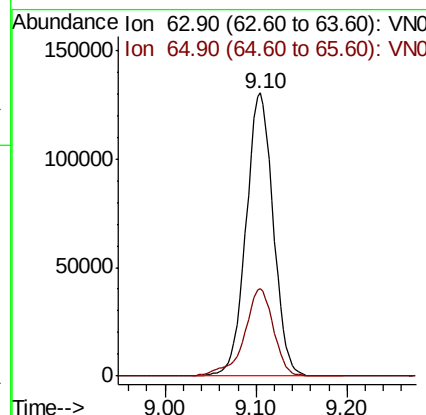
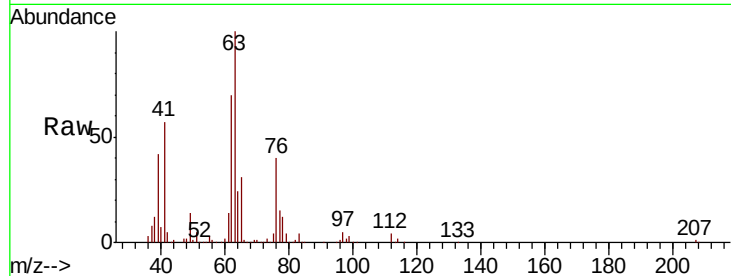




#45
 1,2-Dichloropropane
 Concen: 52.653 ug/l
 RT: 9.10 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

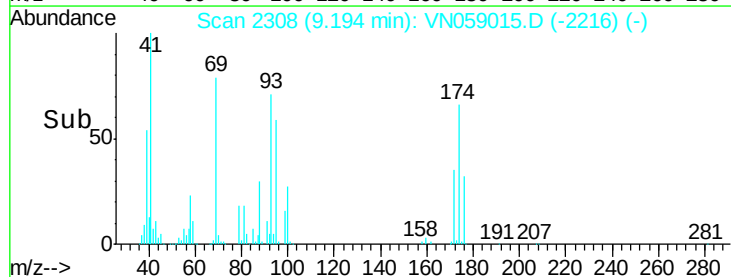
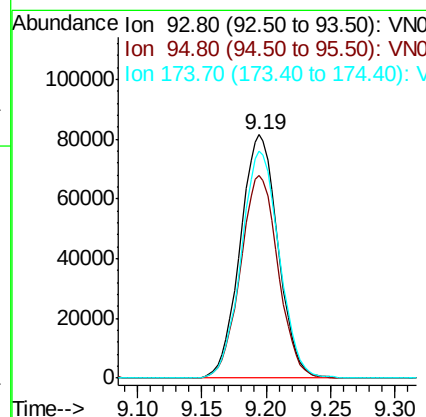
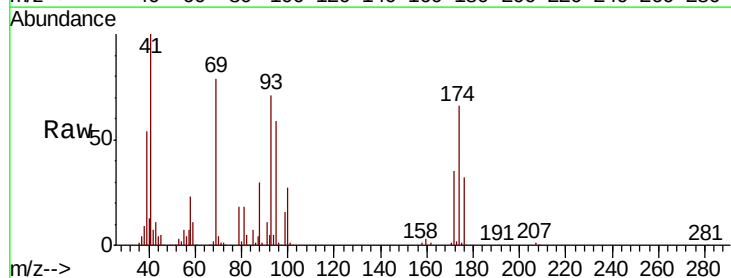
Instrument :
 MSVOA_N
 ClientSampled :

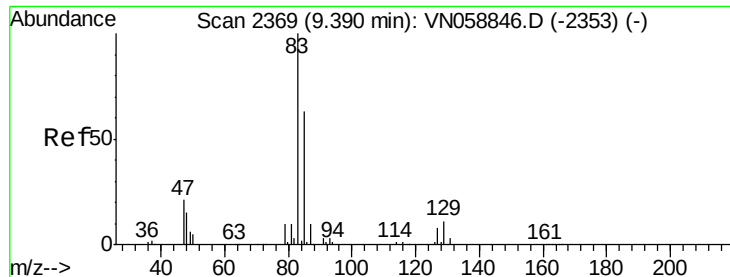
Tot Ion: 63 Resp: 270519
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.5 36.7



#46
 Dibromomethane
 Concen: 51.156 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion: 93 Resp: 166156
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.6 101.4
 174 93.6 74.1 111.1

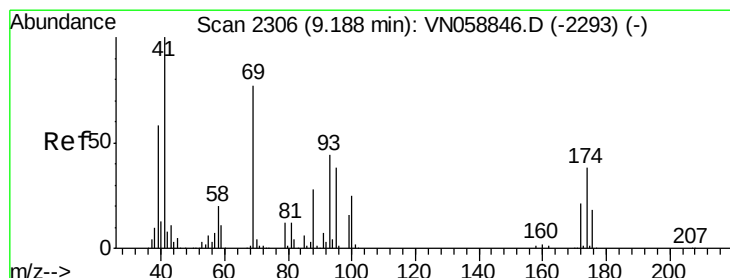
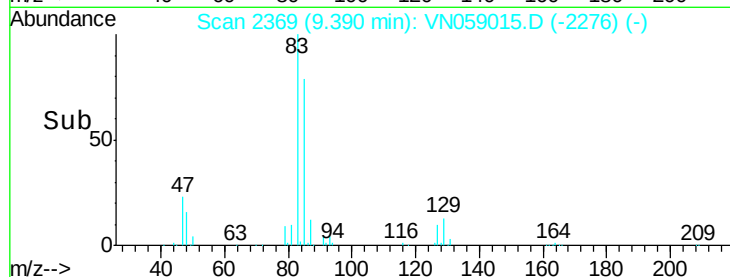
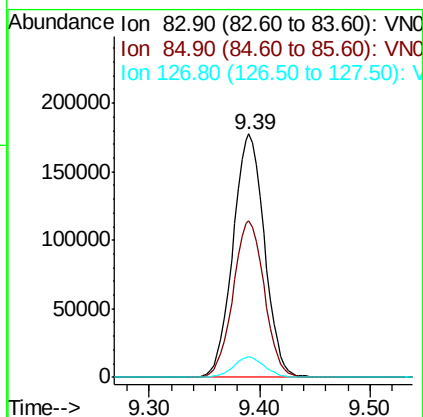
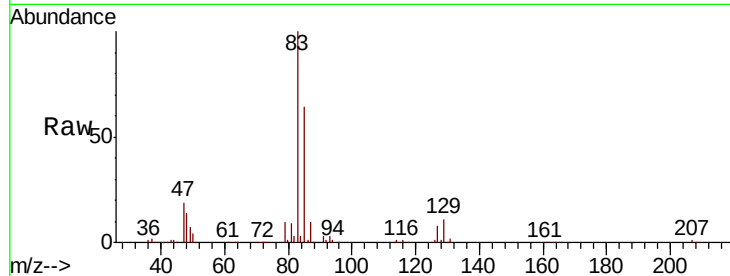




#47
Bromodichloromethane
Concen: 52.326 ug/l
RT: 9.39 min Scan# 2369
Delta R.T. 0.00 min
Lab File: VN059015.D
Acq: 30 Oct 2019 9:14

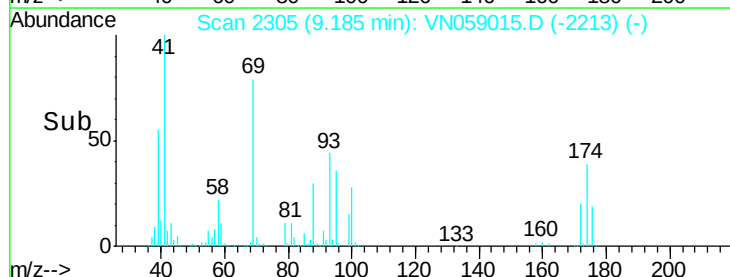
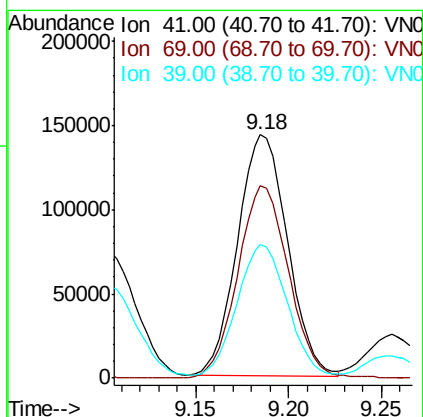
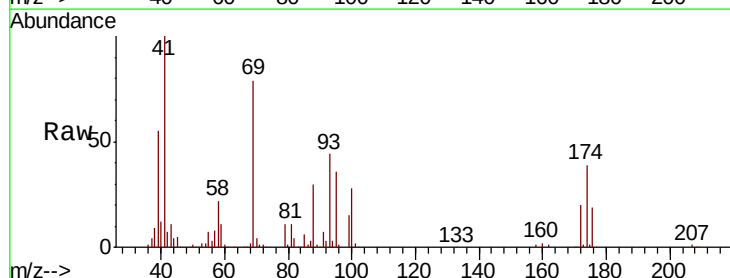
Instrument :
MSVOA_N
ClientSampleId :

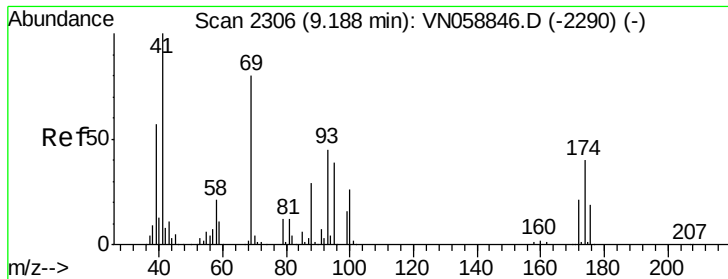
Tot Ion: 83 Resp: 350288
Ion Ratio Lower Upper
83 100
85 64.3 50.6 75.8
127 8.4 6.5 9.7



#48
Methyl methacrylate
Concen: 52.807 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059015.D
Acq: 30 Oct 2019 9:14

Tgt Ion: 41 Resp: 267143
Ion Ratio Lower Upper
41 100
69 81.9 63.8 95.6
39 56.4 47.8 71.8

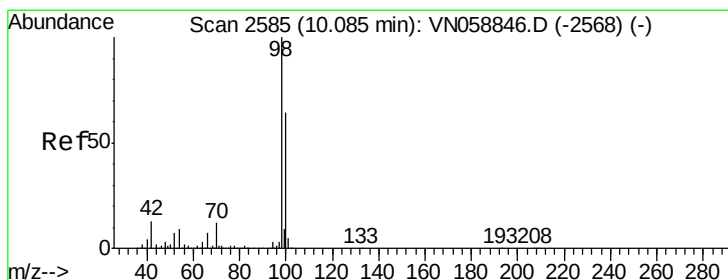
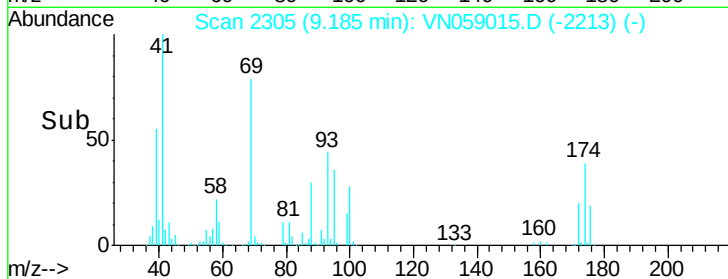
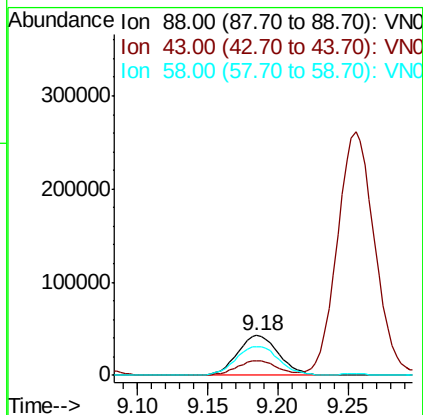
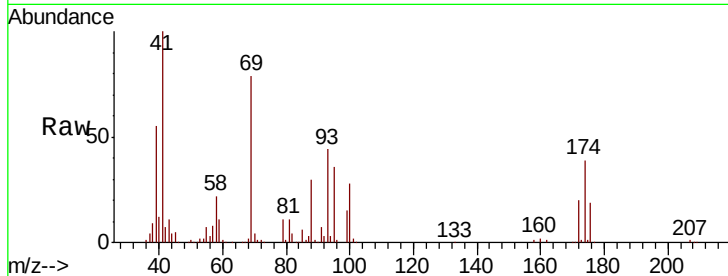




#49
1,4-Dioxane
Concen: 1061.263 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059015.D
Acq: 30 Oct 2019 9:14

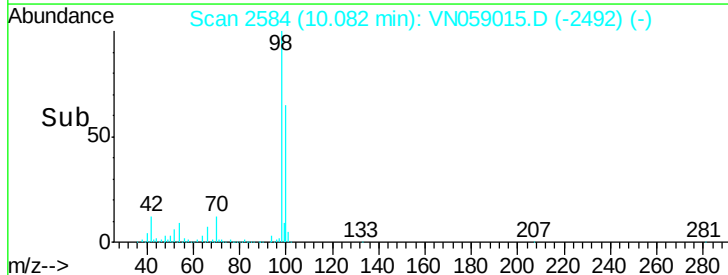
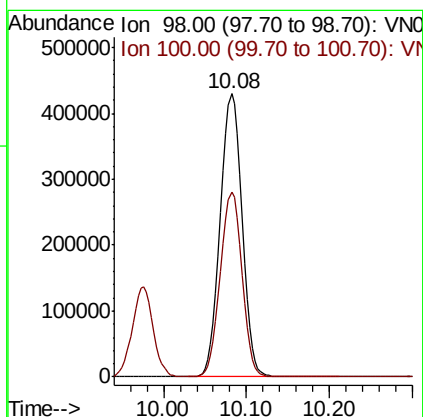
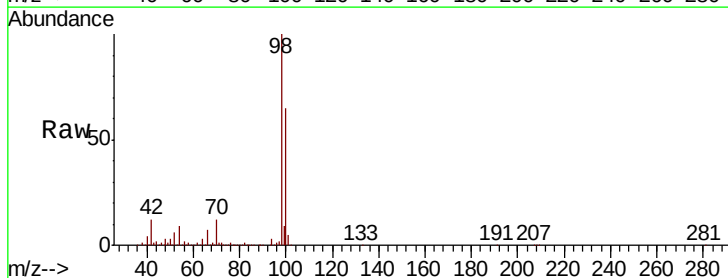
Instrument :
MSVOA_N
ClientSampleId :

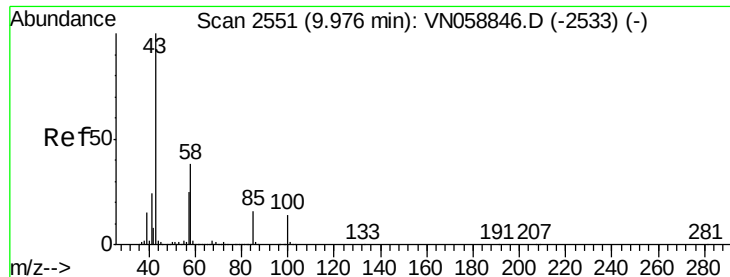
Tot Ion: 88 Resp: 88132
Ion Ratio Lower Upper
88 100
43 35.1 29.1 43.7
58 75.7 59.4 89.0



#50
Toluene-d8
Concen: 49.365 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. -0.00 min
Lab File: VN059015.D
Acq: 30 Oct 2019 9:14

Tgt Ion: 98 Resp: 785212
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 279.860 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059015.D

Acq: 30 Oct 2019 9:14

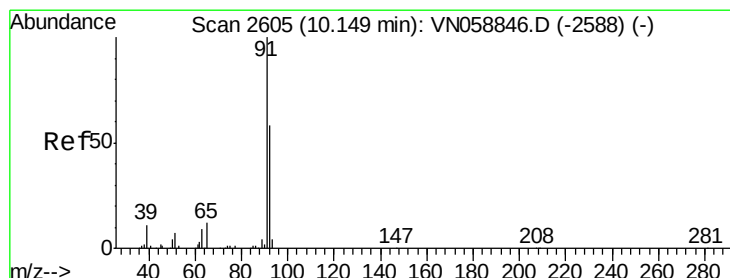
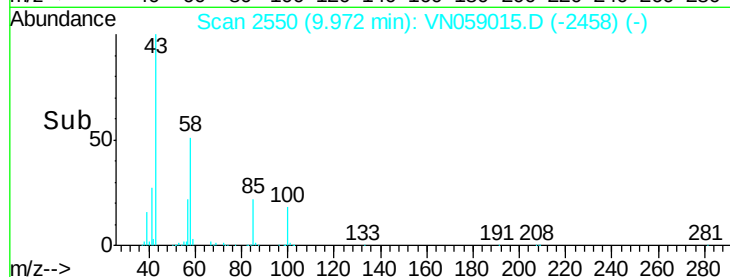
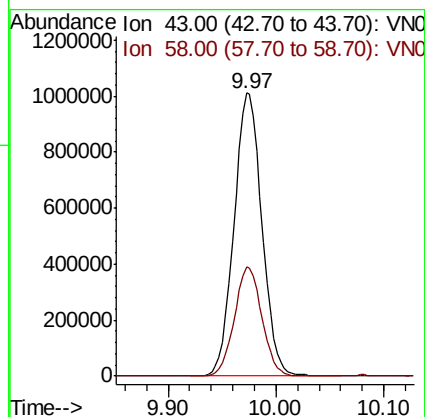
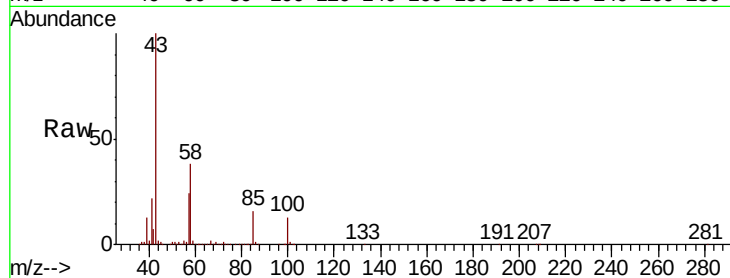
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 1822646

Ion Ratio Lower Upper

43 100

58 38.1 29.9 44.9



#52

Toluene

Concen: 53.696 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VN059015.D

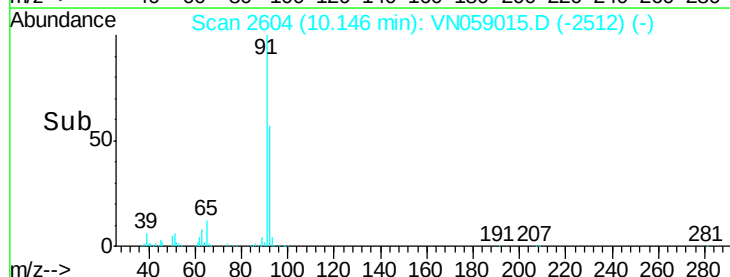
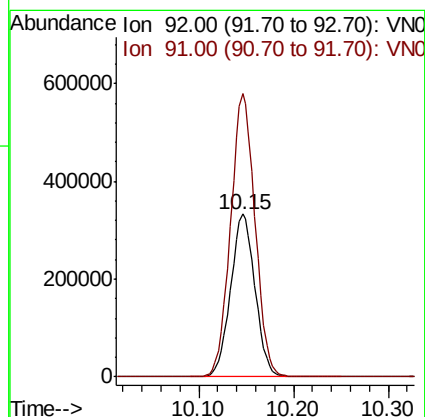
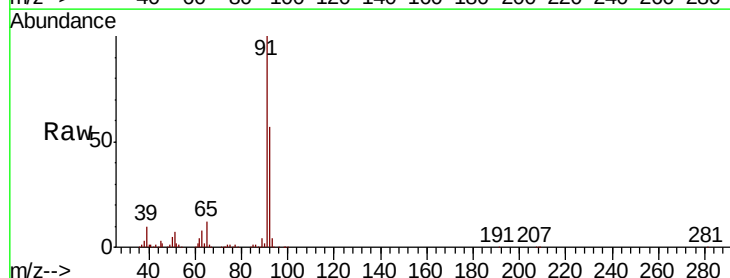
Acq: 30 Oct 2019 9:14

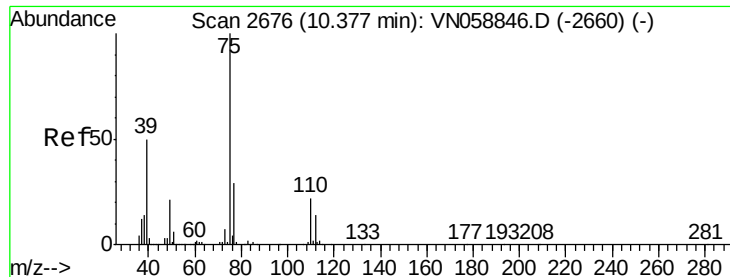
Tgt Ion: 92 Resp: 596611

Ion Ratio Lower Upper

92 100

91 174.1 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 53.473 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN059015.D

Acq: 30 Oct 2019 9:14

Instrument :

MSVOA_N

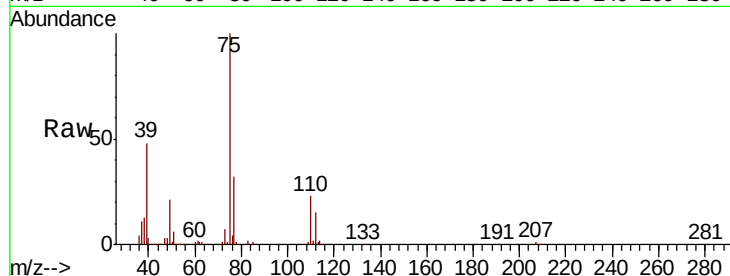
ClientSampled :

Tot Ion: 75 Resp: 396273

Ion Ratio Lower Upper

75 100

77 31.4 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.37

250000

200000

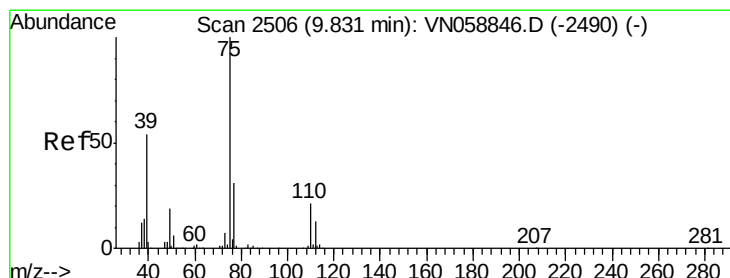
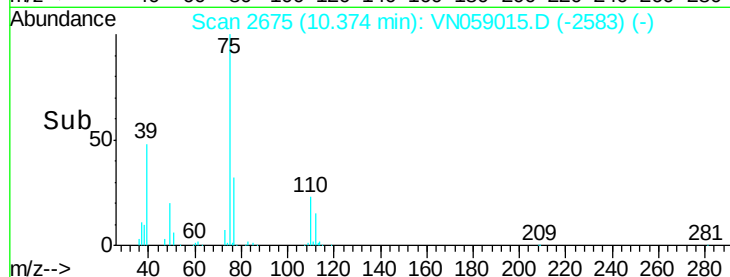
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 53.544 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059015.D

Acq: 30 Oct 2019 9:14

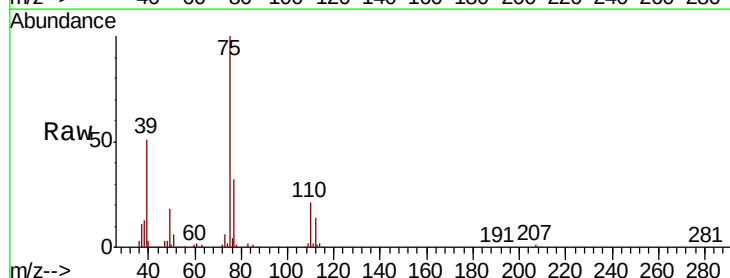
Tgt Ion: 75 Resp: 423933

Ion Ratio Lower Upper

75 100

77 31.7 24.7 37.1

39 51.1 43.5 65.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.83

300000

250000

200000

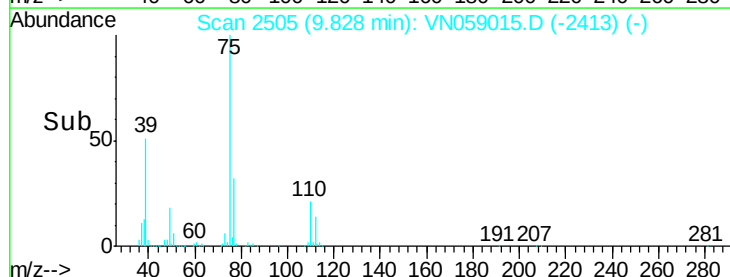
150000

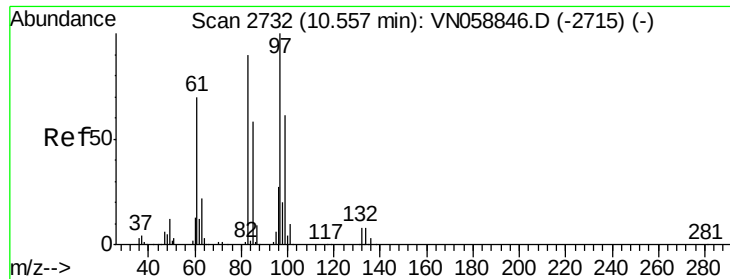
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 52.750 ug/l

RT: 10.55 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VN059015.D

Acq: 30 Oct 2019 9:14

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 241450

Ion	Ratio	Lower	Upper
97	100		
83	89.4	72.2	108.4
85	57.8	46.2	69.2
99	63.2	48.7	73.1

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

10.55

Time-->

Abundance

Scan 2731 (10.554 min): VN059015.D (-2639) (-)

Sub 50

m/z-->

Abundance

Scan 2690 (10.422 min): VN058846.D (-2675) (-)

Ref 50

m/z-->

Abundance

Scan 2690 (10.423 min): VN059015.D (-2597) (-)

Sub 50

m/z-->

Abundance

Scan 2690 (10.422 min): VN058846.D (-2675) (-)

Ref 50

m/z-->

Abundance

Scan 2690 (10.423 min): VN059015.D (-2597) (-)

Sub 50

m/z-->

Abundance

Scan 2690 (10.422 min): VN058846.D (-2675) (-)

Ref 50

m/z-->

Abundance

Scan 2690 (10.423 min): VN059015.D (-2597) (-)

Sub 50

m/z-->

Abundance

Scan 2690 (10.422 min): VN058846.D (-2675) (-)

Ref 50

m/z-->

Abundance

Scan 2690 (10.423 min): VN059015.D (-2597) (-)

Sub 50

m/z-->

Abundance

Scan 2690 (10.422 min): VN058846.D (-2675) (-)

Ref 50

m/z-->

Abundance

Scan 2690 (10.423 min): VN059015.D (-2597) (-)

Sub 50

m/z-->

Abundance

Scan 2690 (10.422 min): VN058846.D (-2675) (-)

Ref 50

m/z-->

Abundance

Scan 2690 (10.423 min): VN059015.D (-2597) (-)

Sub 50

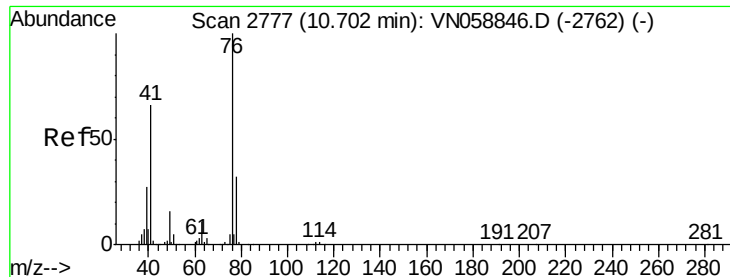
m/z-->

Abundance

Scan 2690 (10.422 min): VN058846.D (-2675) (-)

Ref 50

m/z-->



#57

1,3-Dichloropropane

Concen: 52.575 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN059015.D

Acq: 30 Oct 2019 9:14

Instrument :

MSVOA_N

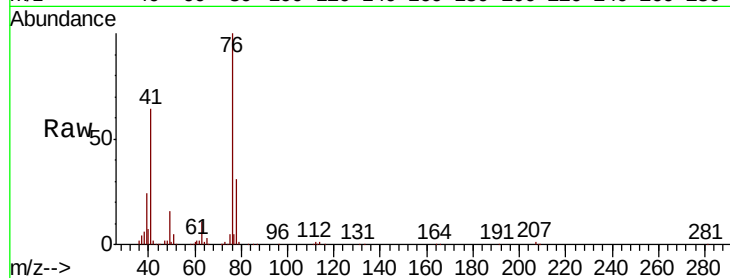
ClientSampleId :

Tot Ion: 76 Resp: 422359

Ion Ratio Lower Upper

76 100

78 31.9 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.70

250000

200000

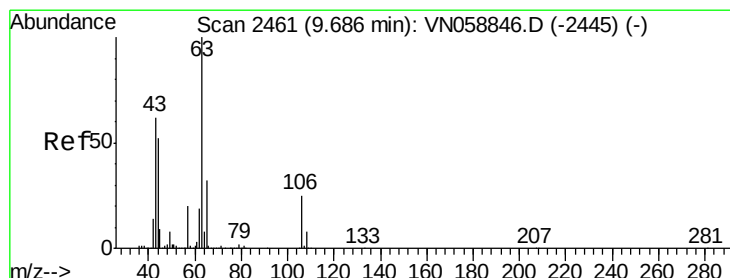
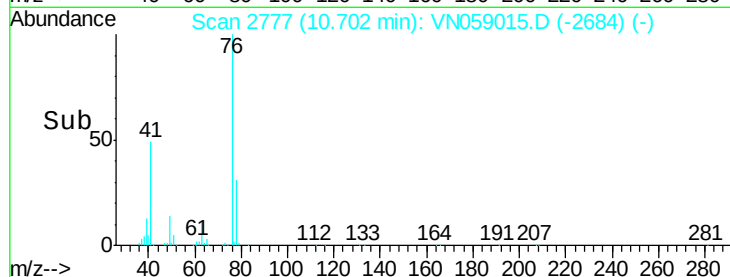
150000

100000

50000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 243.855 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059015.D

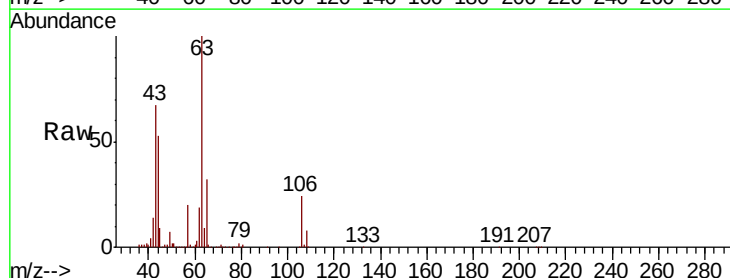
Acq: 30 Oct 2019 9:14

Tgt Ion: 63 Resp: 791271

Ion Ratio Lower Upper

63 100

106 24.7 19.8 29.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.68

500000

400000

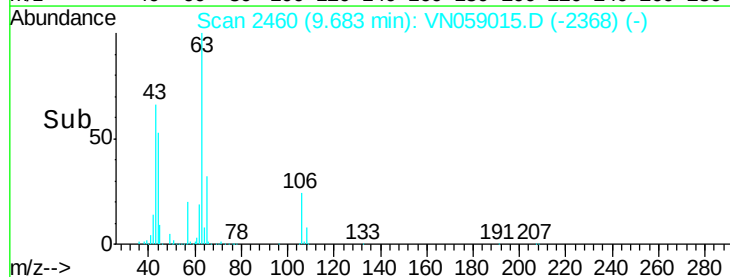
300000

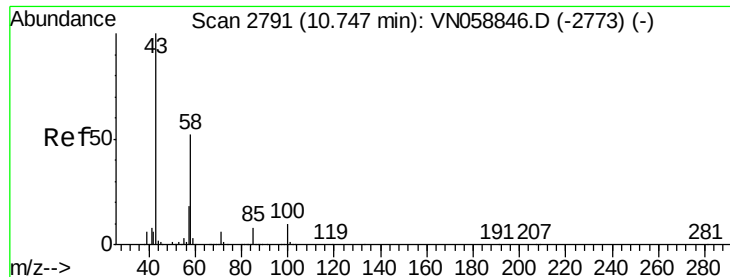
200000

100000

0

Time--> 9.60 9.65 9.70 9.75 9.80

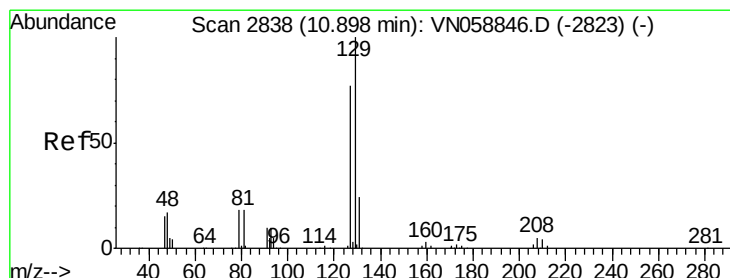
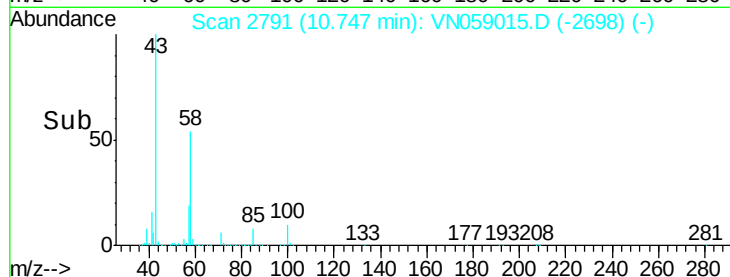
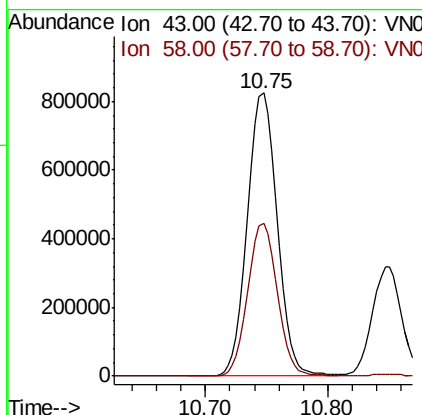
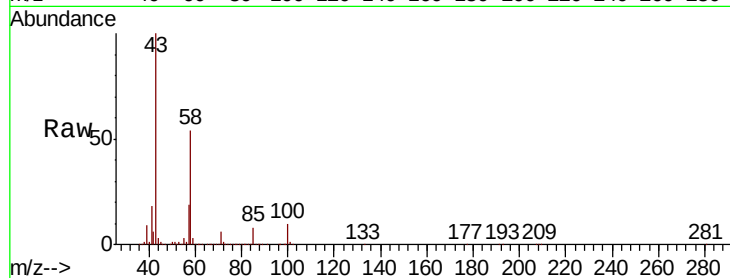




#59
2-Hexanone
Concen: 275.859 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059015.D
Acq: 30 Oct 2019 9:14

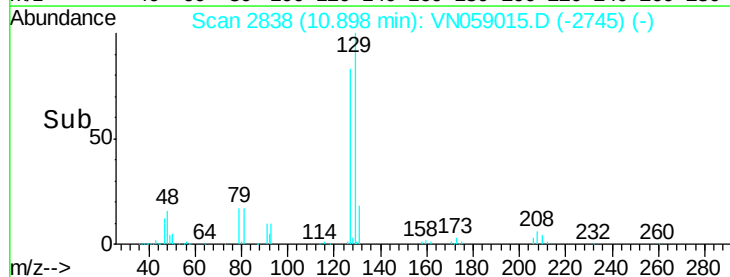
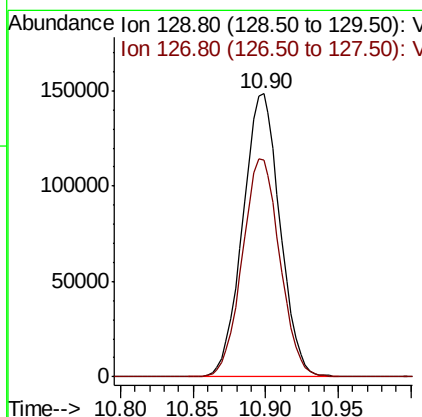
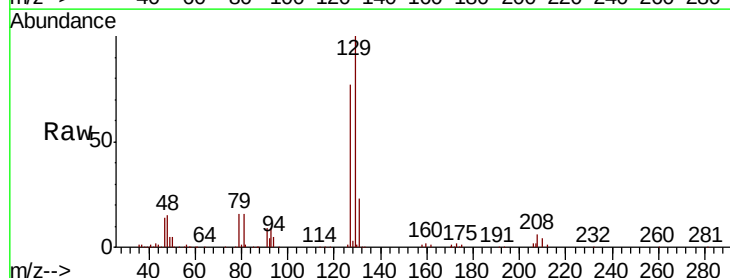
Instrument :
MSVOA_N
ClientSampled :

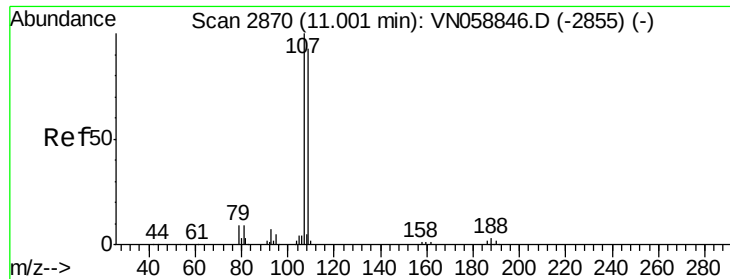
Tot Ion: 43 Resp: 1388282
Ion Ratio Lower Upper
43 100
58 53.5 25.9 77.7



#60
Dibromochloromethane
Concen: 53.853 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN059015.D
Acq: 30 Oct 2019 9:14

Tgt Ion: 129 Resp: 265320
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.3

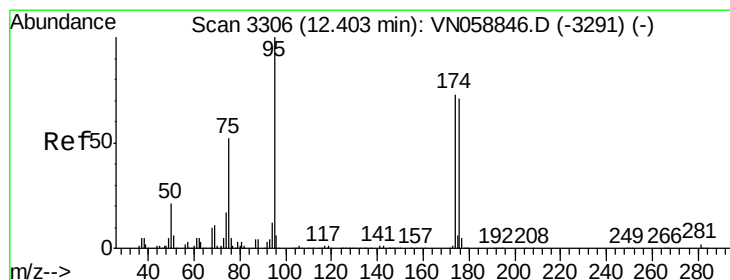
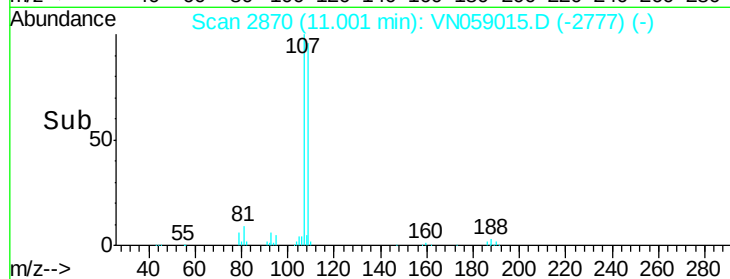
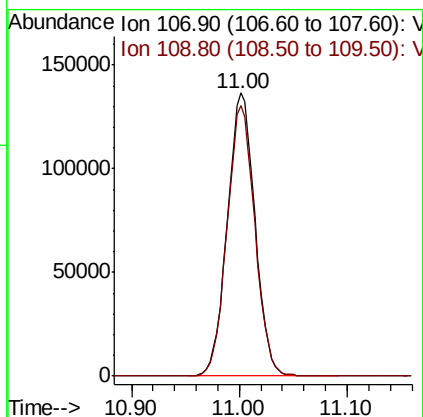
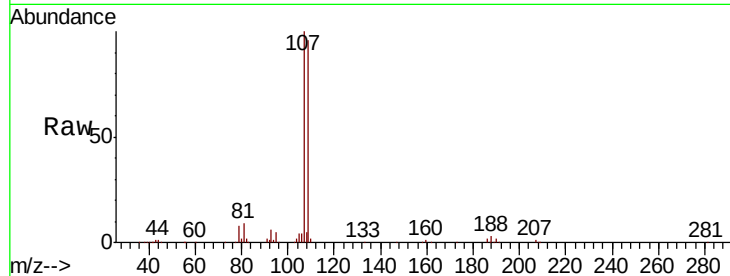




#61
 1,2-Dibromoethane
 Concen: 52.102 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

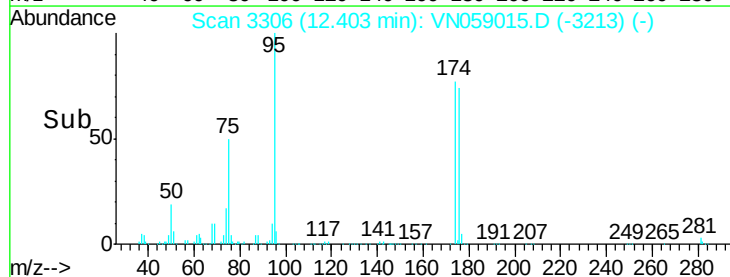
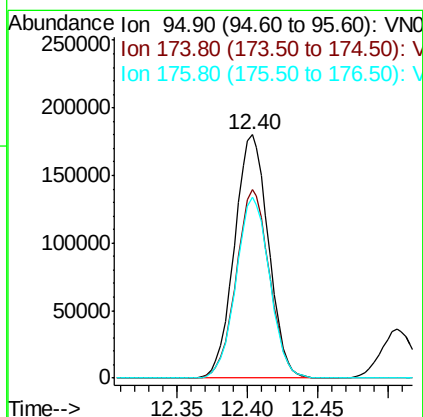
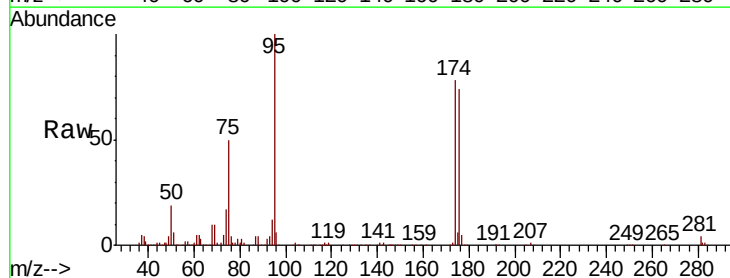
Instrument :
 MSVOA_N
 ClientSampleId :

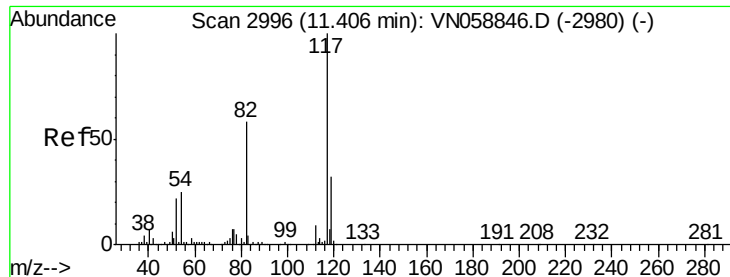
Tot Ion: 107 Resp: 244058
 Ion Ratio Lower Upper
 107 100
 109 95.9 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 52.129 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion: 95 Resp: 304493
 Ion Ratio Lower Upper
 95 100
 174 76.0 0.0 147.6
 176 73.4 0.0 143.2

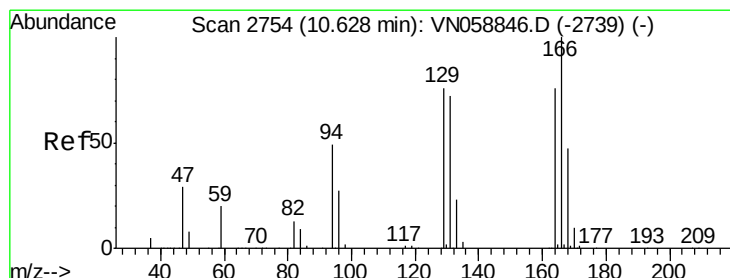
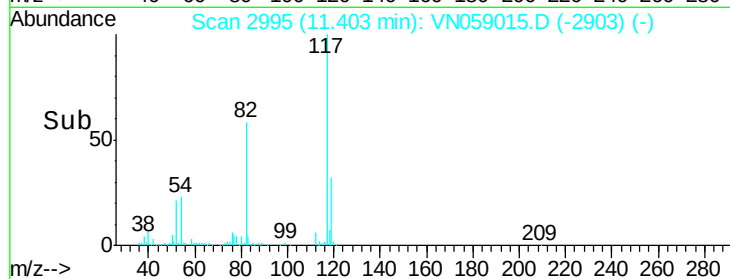
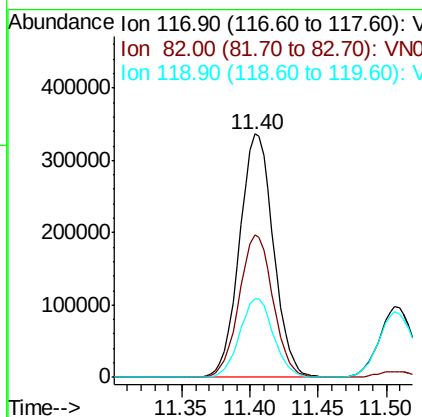
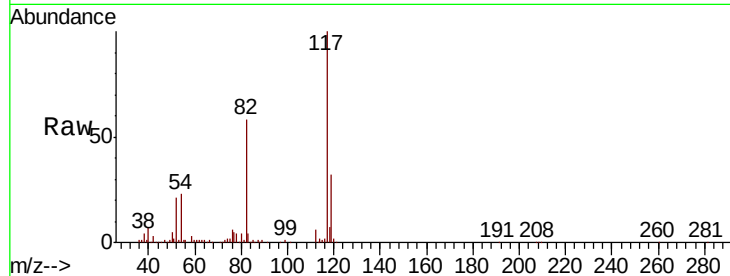




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059015.D
Acq: 30 Oct 2019 9:14

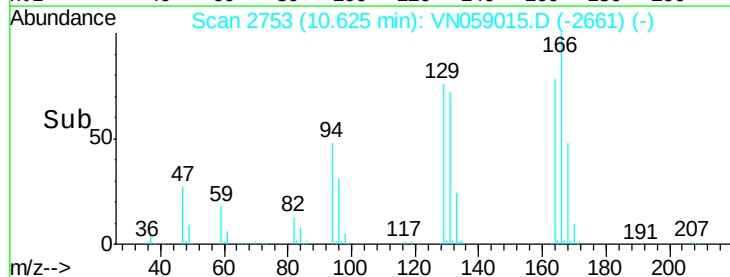
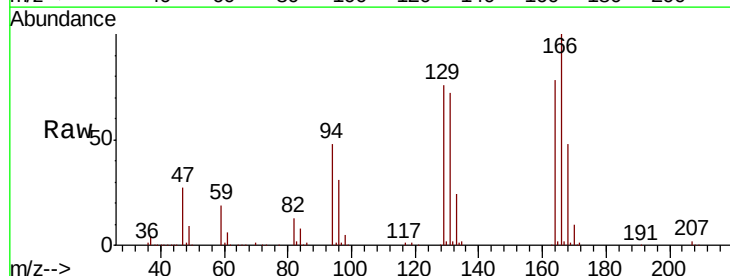
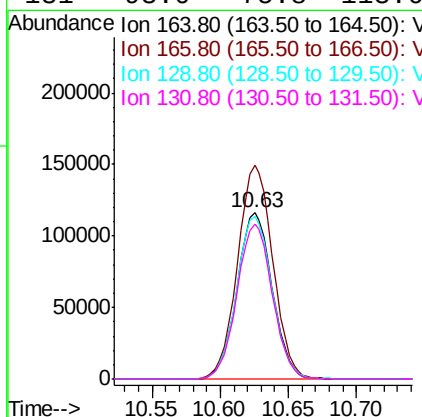
Instrument :
MSVOA_N
ClientSampled :

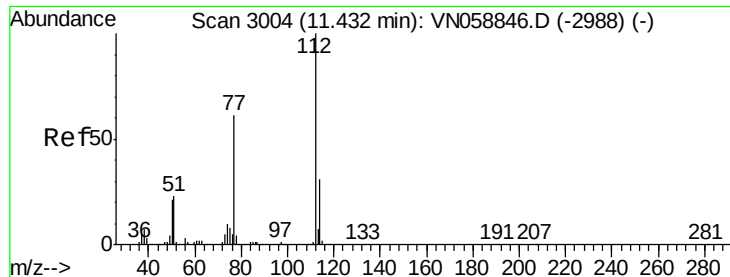
Tot Ion	Ratio	Lower	Upper
117	100		
82	58.4	46.6	69.8
119	32.3	25.6	38.4



#64
Tetrachloroethene
Concen: 51.231 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. -0.00 min
Lab File: VN059015.D
Acq: 30 Oct 2019 9:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	104.8	157.2
129	97.7	79.3	118.9
131	93.0	75.8	113.6

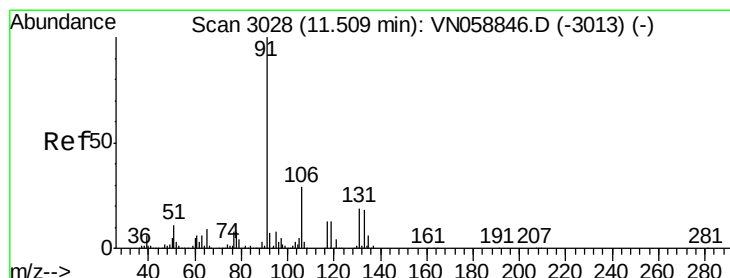
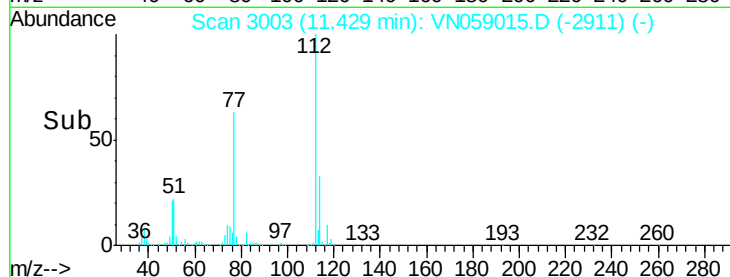
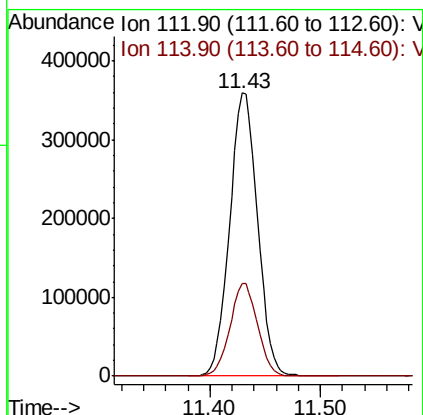
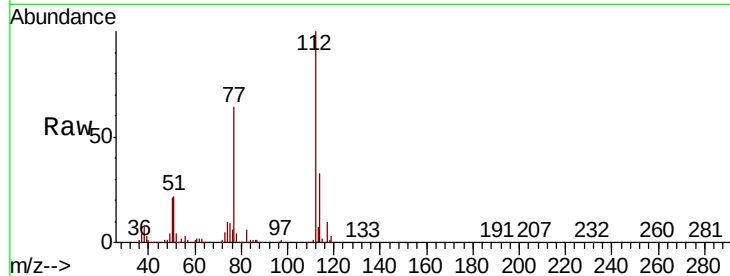




#65
Chlorobenzene
Concen: 53.280 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059015.D
Acq: 30 Oct 2019 9:14

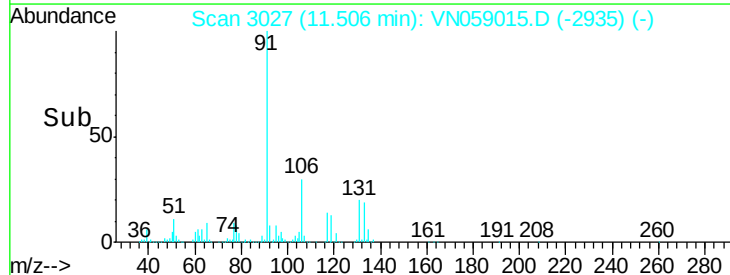
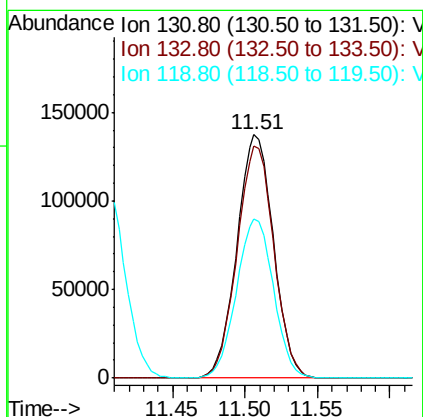
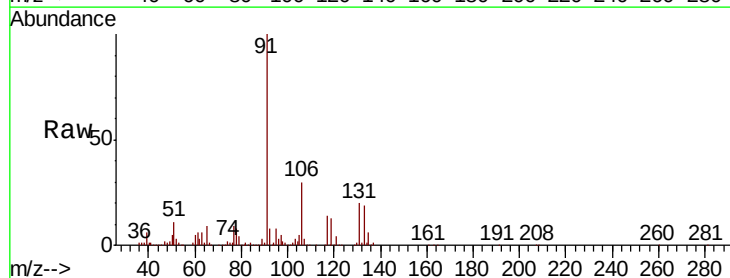
Instrument :
MSVOA_N
ClientSampled :

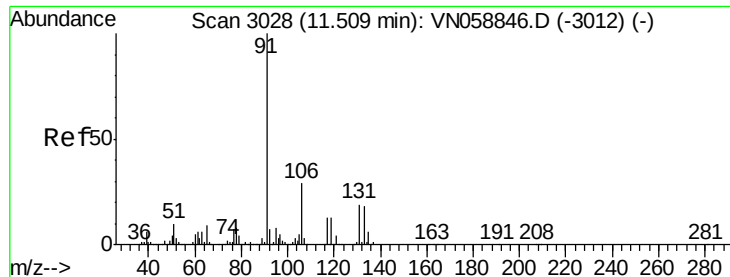
Tot Ion:112 Resp: 630446
Ion Ratio Lower Upper
112 100
114 32.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 53.851 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059015.D
Acq: 30 Oct 2019 9:14

Tgt Ion:131 Resp: 240454
Ion Ratio Lower Upper
131 100
133 96.3 48.4 145.2
119 66.4 33.6 100.8





#67

Ethyl Benzene

Concen: 56.016 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059015.D

Acq: 30 Oct 2019 9:14

Instrument :

MSVOA_N

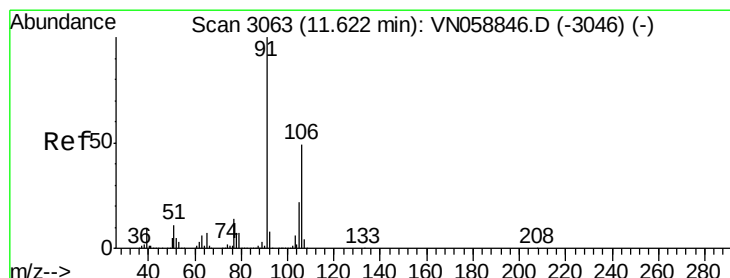
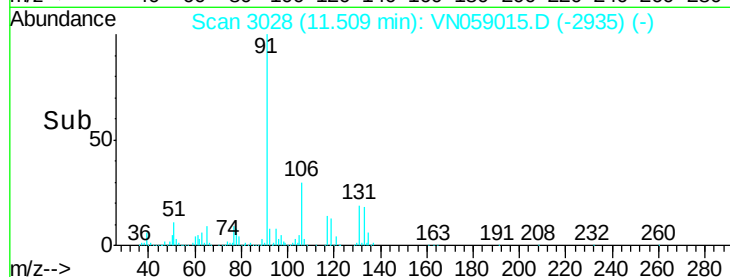
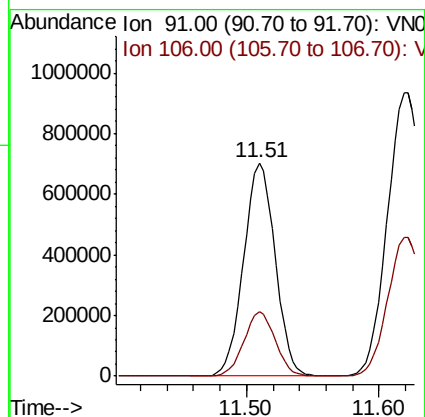
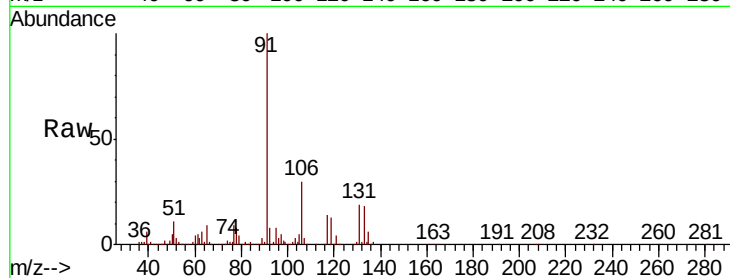
ClientSampled :

Tot Ion: 91 Resp: 1162753

Ion Ratio Lower Upper

91 100

106 30.1 23.4 35.0



#68

m/p-Xylenes

Concen: 112.502 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059015.D

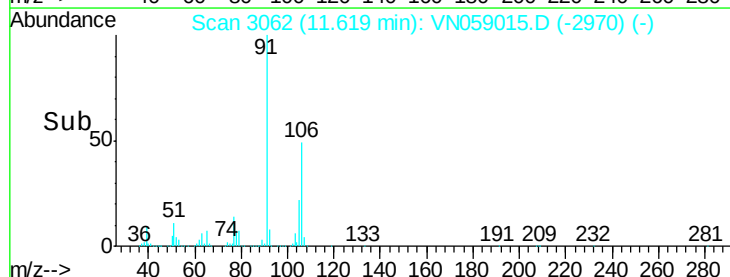
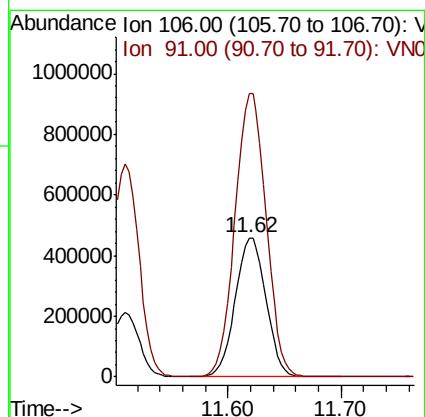
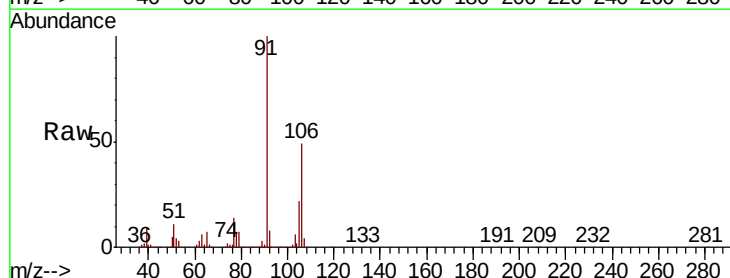
Acq: 30 Oct 2019 9:14

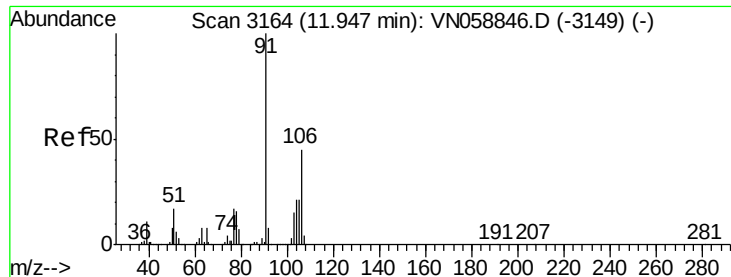
Tgt Ion: 106 Resp: 866020

Ion Ratio Lower Upper

106 100

91 206.6 166.6 249.8

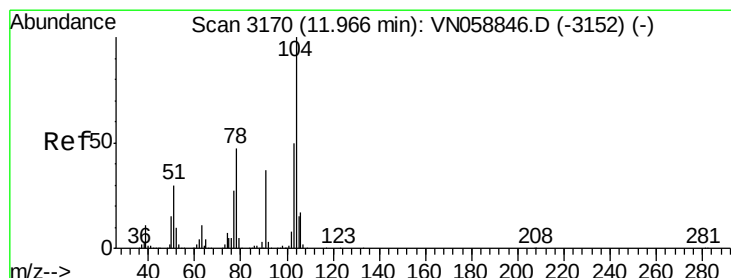
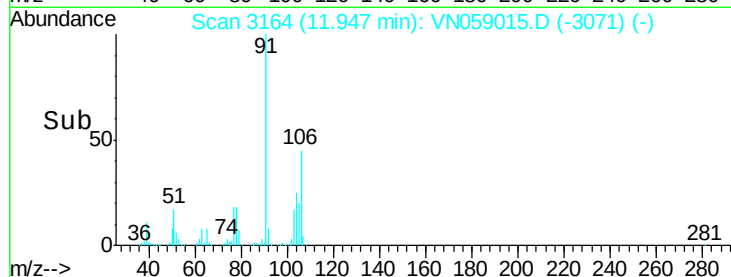
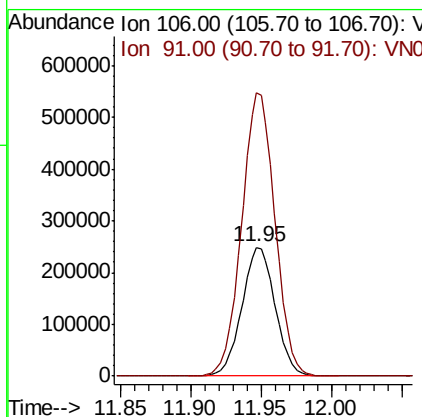
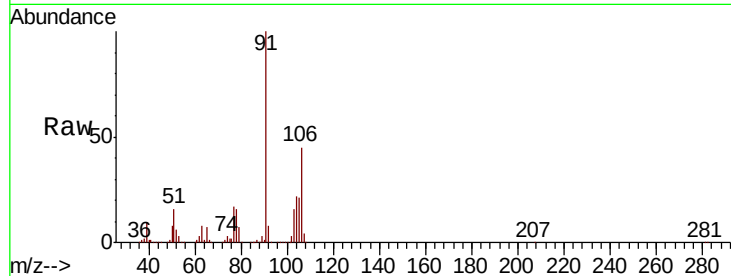




#69
o-Xylene
Concen: 55.983 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059015.D
Acq: 30 Oct 2019 9:14

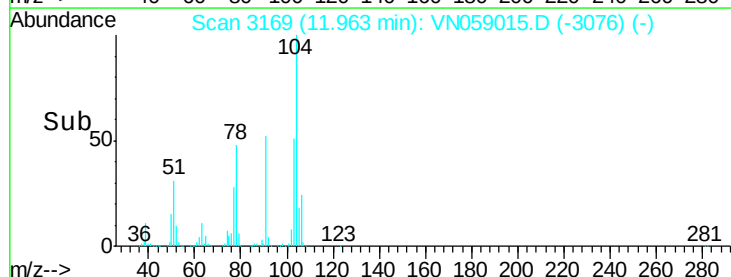
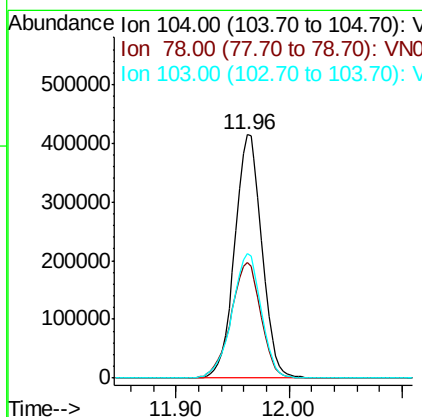
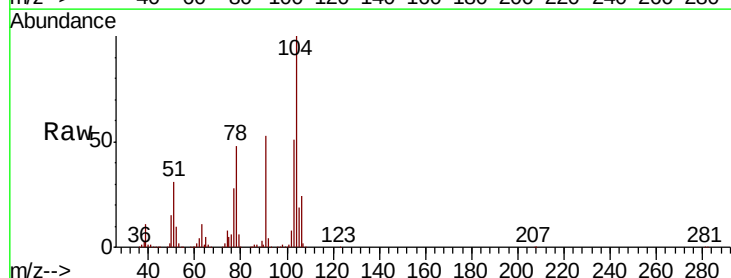
Instrument :
MSVOA_N
ClientSampled :

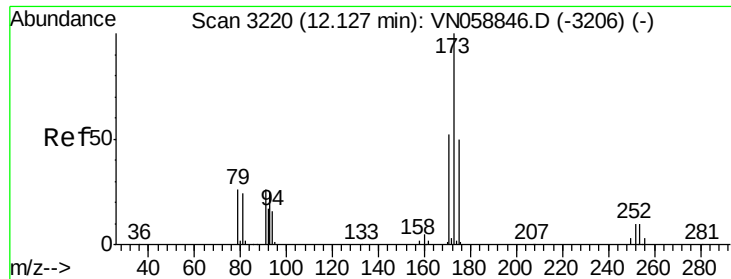
Tot Ion:106 Resp: 411012
Ion Ratio Lower Upper
106 100
91 220.3 111.5 334.4



#70
Styrene
Concen: 51.093 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059015.D
Acq: 30 Oct 2019 9:14

Tgt Ion:104 Resp: 692918
Ion Ratio Lower Upper
104 100
78 52.4 42.8 64.2
103 55.3 44.3 66.5

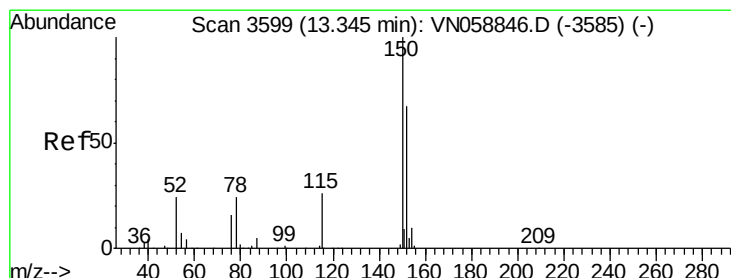
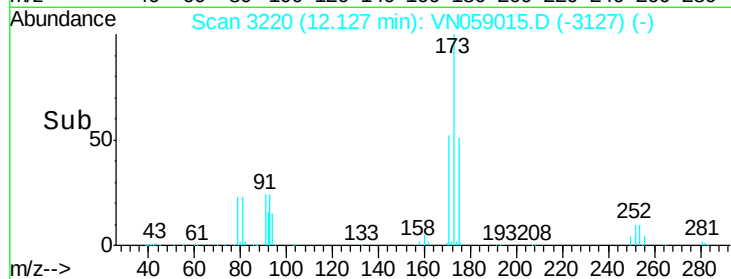
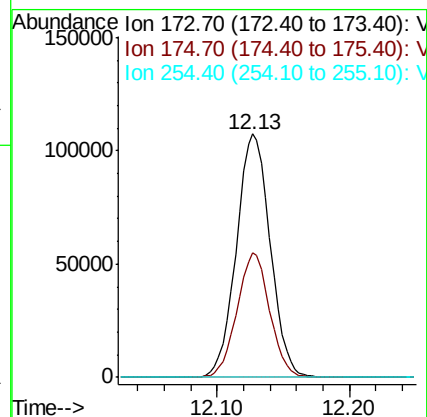
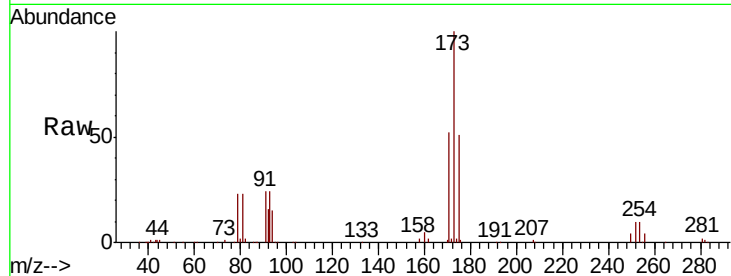




#71
Bromoform
Concen: 54.916 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN059015.D
Acq: 30 Oct 2019 9:14

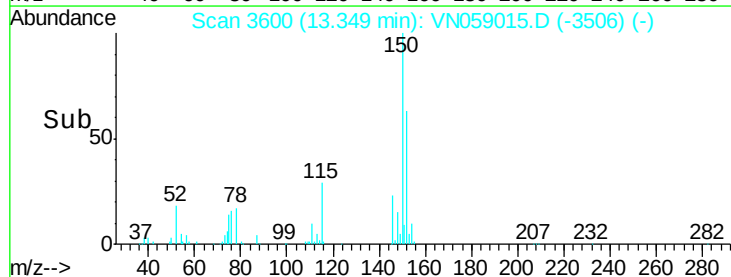
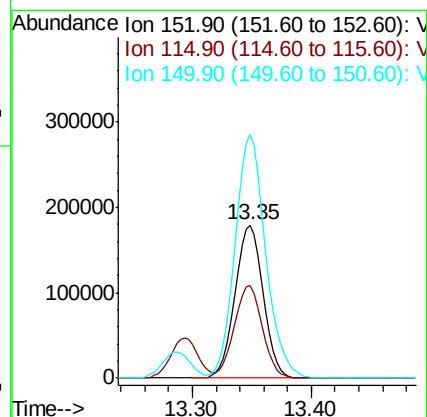
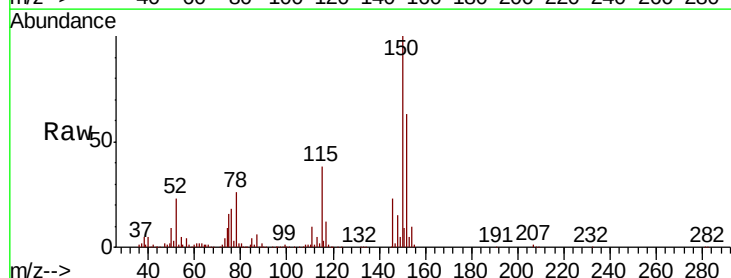
Instrument :
MSVOA_N
ClientSampled :

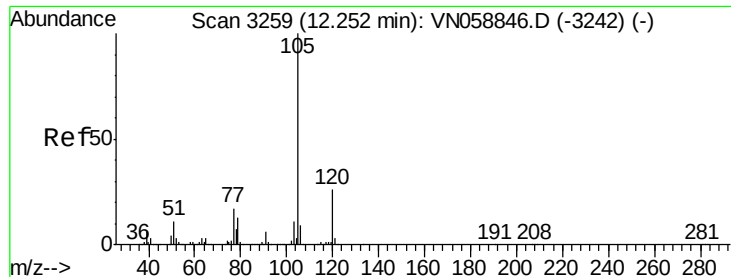
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.7	74.1
254	0.1	0.0	0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN059015.D
Acq: 30 Oct 2019 9:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.5	30.5	91.5
150	172.5	0.0	344.4





#73

Isopropylbenzene

Concen: 53.102 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN059015.D

Acq: 30 Oct 2019 9:14

Instrument :

MSVOA_N

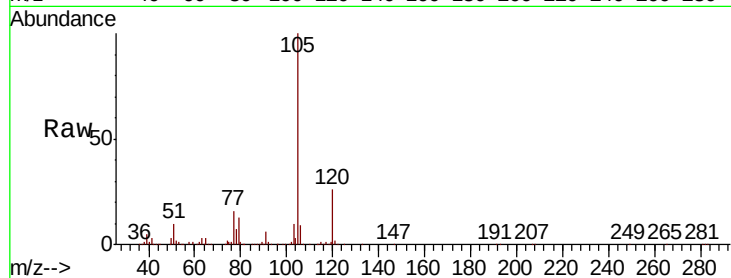
ClientSampleId :

Tot Ion:105 Resp: 1137860

Ion Ratio Lower Upper

105 100

120 26.1 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

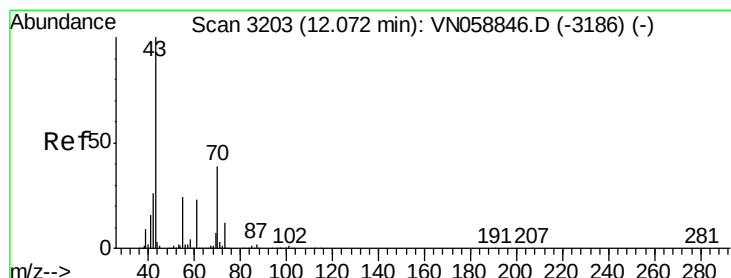
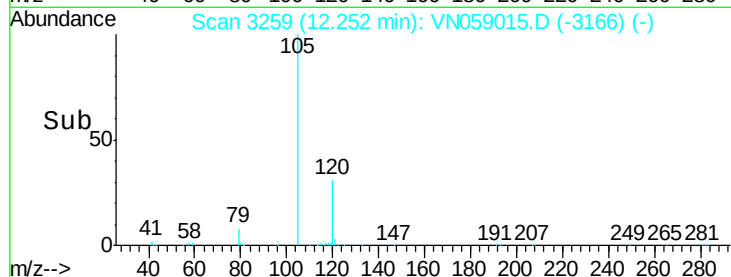
400000

200000

0

12.15 12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 52.344 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN059015.D

Acq: 30 Oct 2019 9:14

Tgt Ion: 43 Resp: 508489

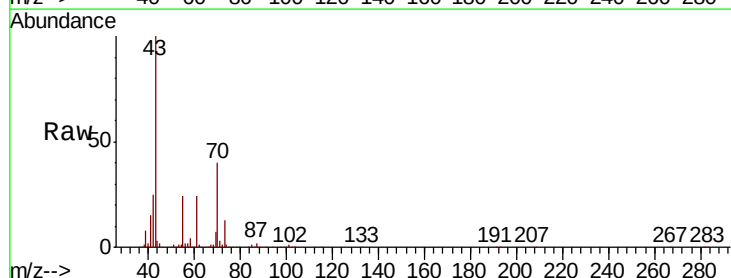
Ion Ratio Lower Upper

43 100

70 40.0 30.9 46.3

55 25.0 19.7 29.5

61 23.9 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

500000

400000

300000

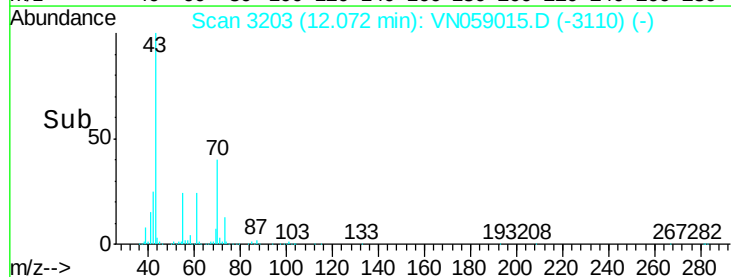
200000

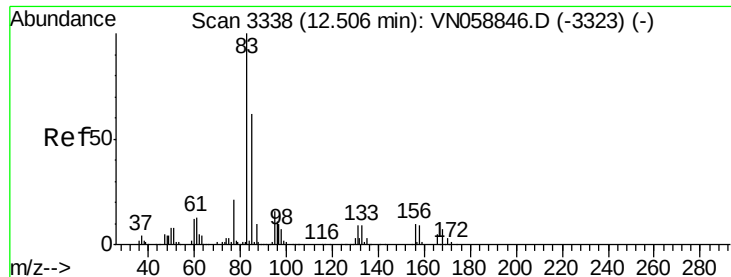
100000

0

12.00 12.10 12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.406 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059015.D

Acq: 30 Oct 2019 9:14

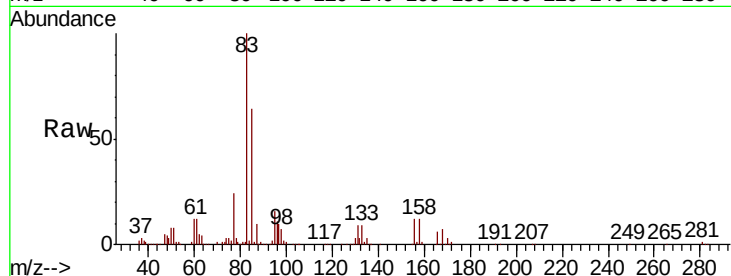
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 83 Resp: 372250

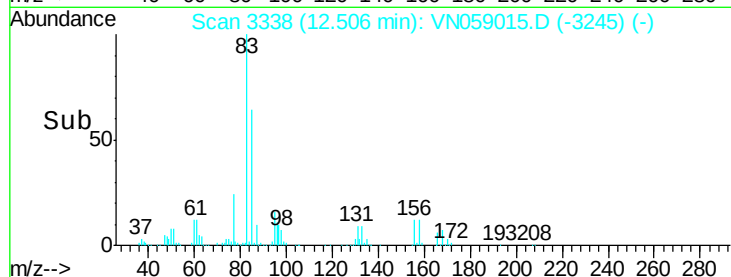
Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.7	14.1
85	64.5	31.7	95.1



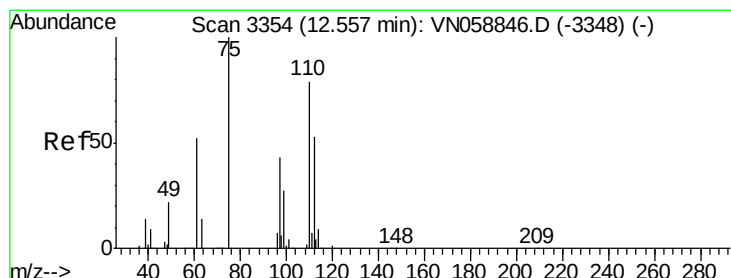
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



Time-->



#76

1,2,3-Trichloropropane

Concen: 73.851 ug/l

RT: 12.55 min Scan# 3353

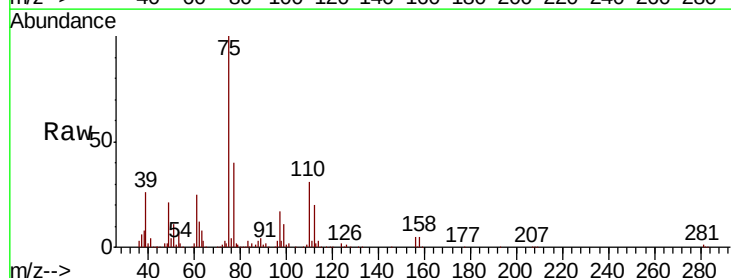
Delta R.T. -0.00 min

Lab File: VN059015.D

Acq: 30 Oct 2019 9:14

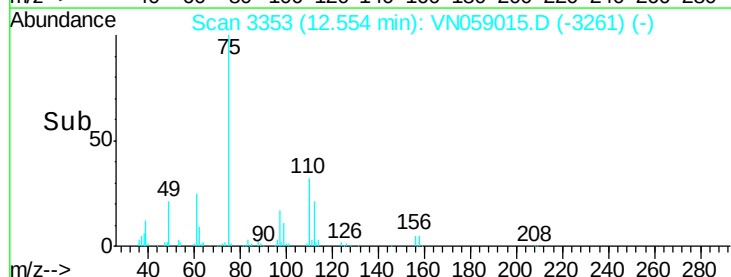
Tgt Ion: 75 Resp: 501841

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

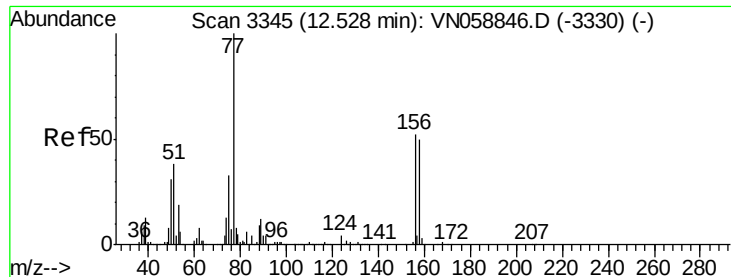


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



Time-->



#77

Bromobenzene

Concen: 51.050 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN059015.D

Acq: 30 Oct 2019 9:14

Instrument :

MSVOA_N

ClientSampleId :

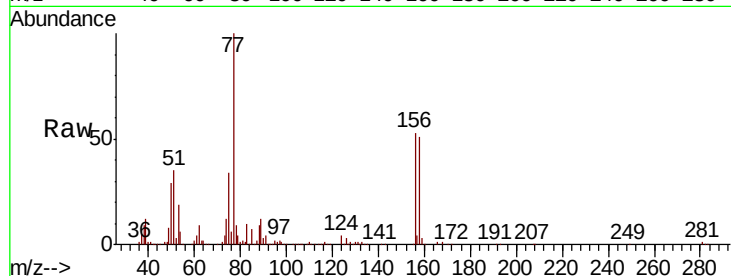
Tot Ion:156 Resp: 269622

Ion Ratio Lower Upper

156 100

77 232.8 118.0 354.0

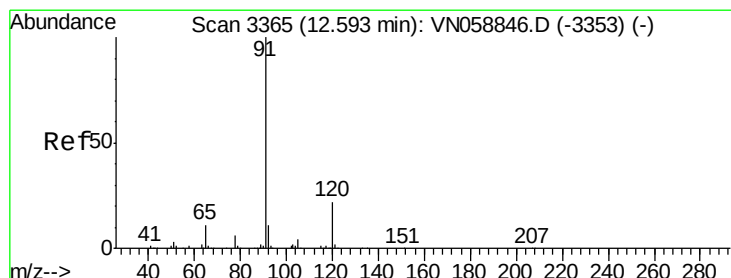
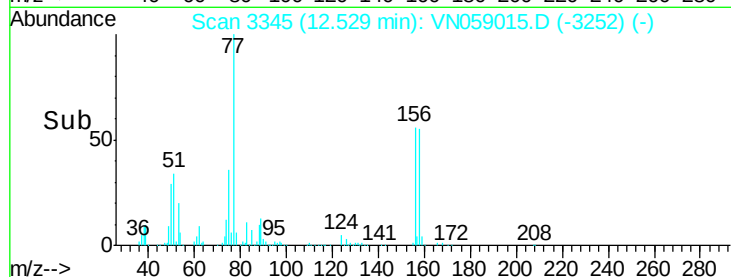
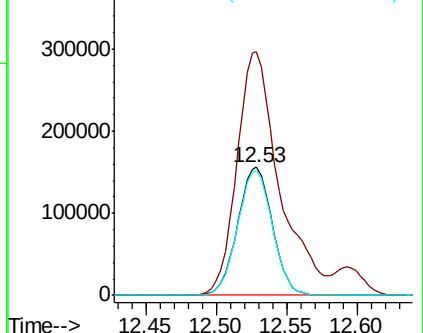
158 97.8 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.861 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059015.D

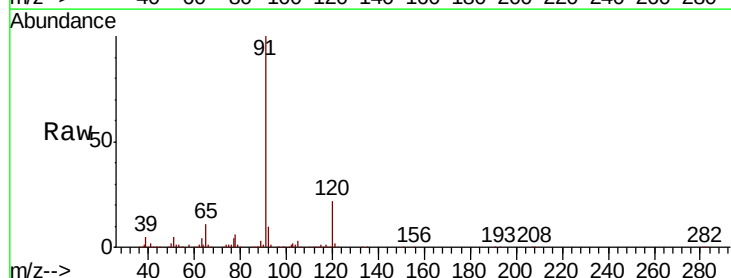
Acq: 30 Oct 2019 9:14

Tgt Ion: 91 Resp: 1364212

Ion Ratio Lower Upper

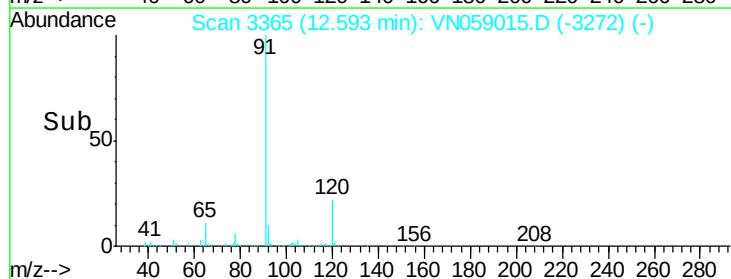
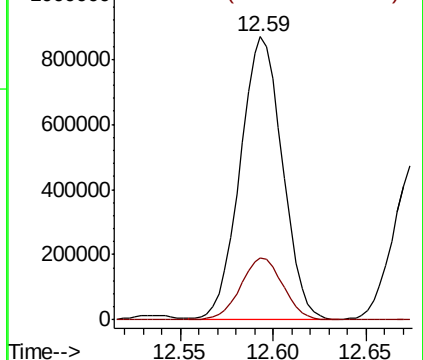
91 100

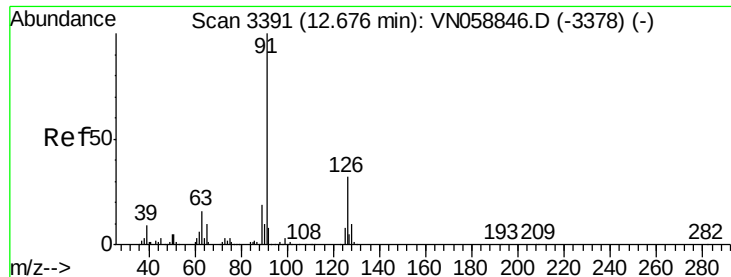
120 22.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.850 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN059015.D

Acq: 30 Oct 2019 9:14

Instrument :

MSVOA_N

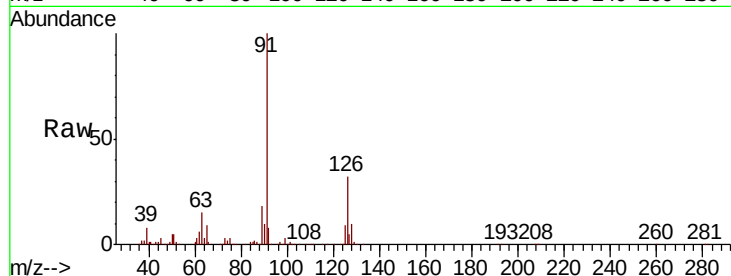
ClientSampleId :

Tot Ion: 91 Resp: 803776

Ion Ratio Lower Upper

91 100

126 32.8 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VN058846.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN058846.D (-3378) (-)

1000000

800000

600000

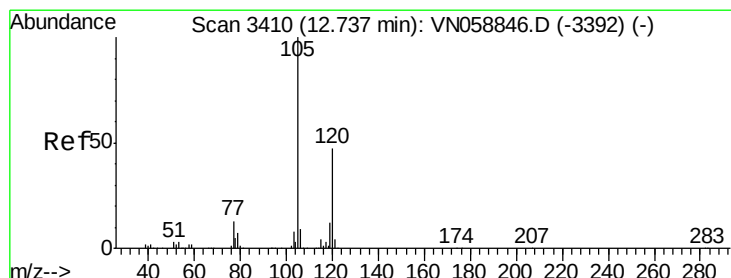
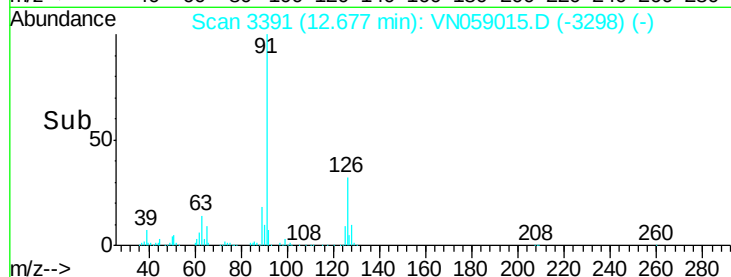
400000

200000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 54.519 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059015.D

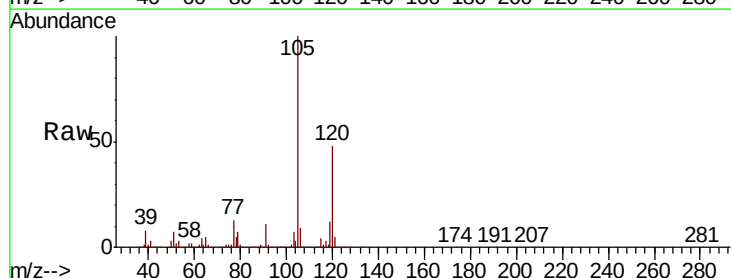
Acq: 30 Oct 2019 9:14

Tgt Ion: 105 Resp: 981523

Ion Ratio Lower Upper

105 100

120 48.1 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): VN058846.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN058846.D (-3392) (-)

600000

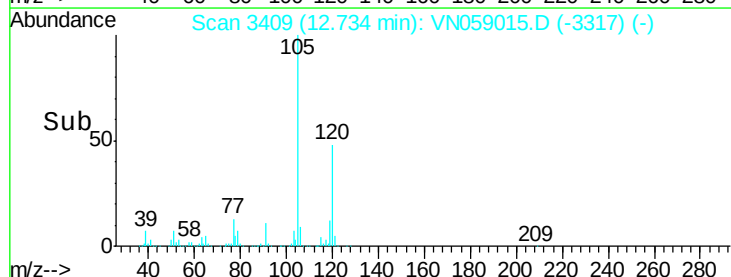
400000

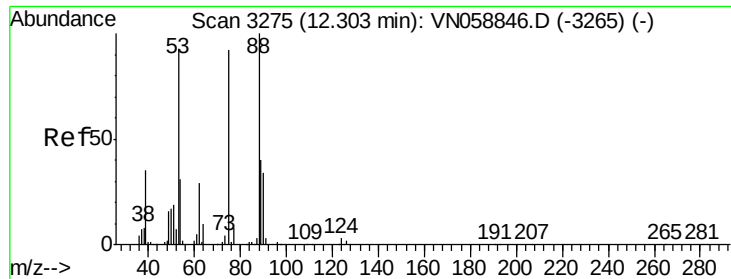
200000

0

12.70 12.80

Time-->

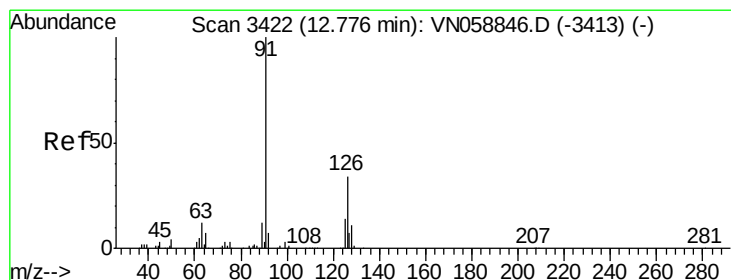
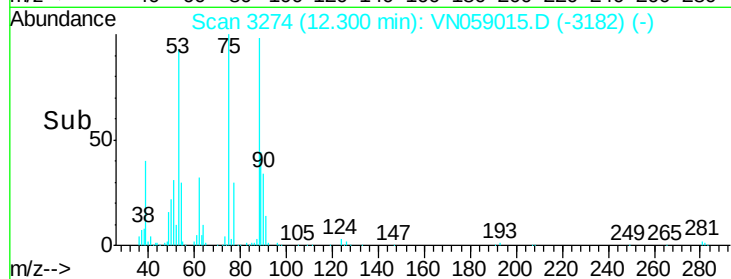
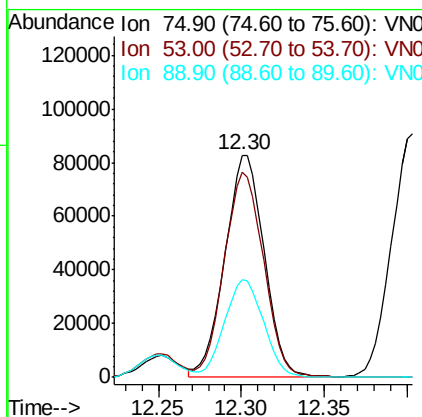
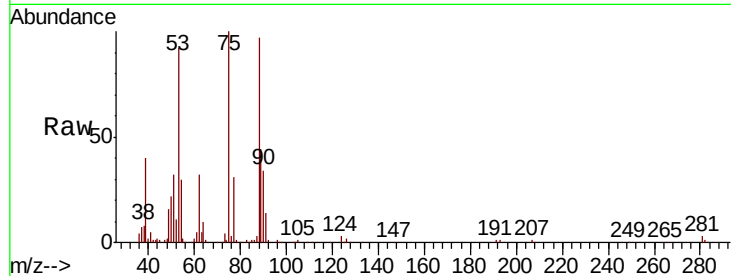




#81
trans-1,4-Dichloro-2-butene
Concen: 52.401 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN059015.D
Acq: 30 Oct 2019 9:14

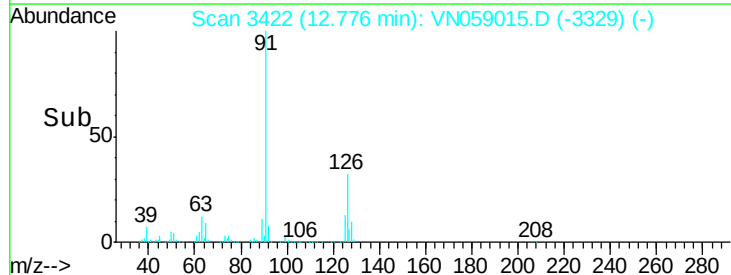
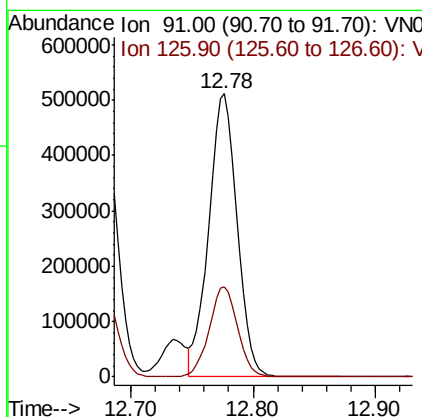
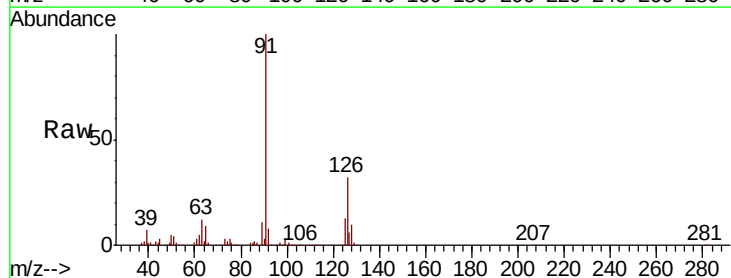
Instrument :
MSVOA_N
ClientSampleId :

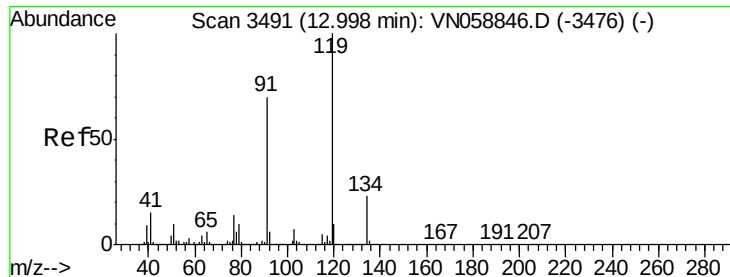
Tot Ion: 75 Resp: 136688
Ion Ratio Lower Upper
75 100
53 92.8 78.6 118.0
89 43.4 35.4 53.0



#82
4-Chlorotoluene
Concen: 52.476 ug/l
RT: 12.78 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN059015.D
Acq: 30 Oct 2019 9:14

Tgt Ion: 91 Resp: 831327
Ion Ratio Lower Upper
91 100
126 31.7 16.0 47.9

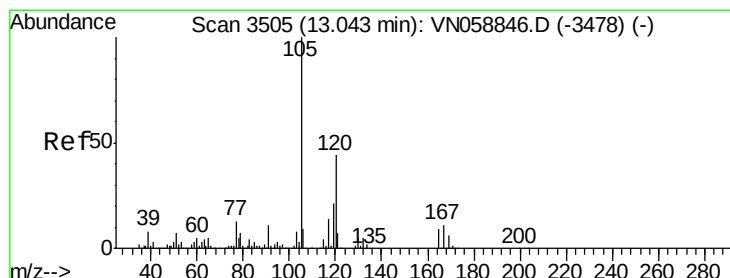
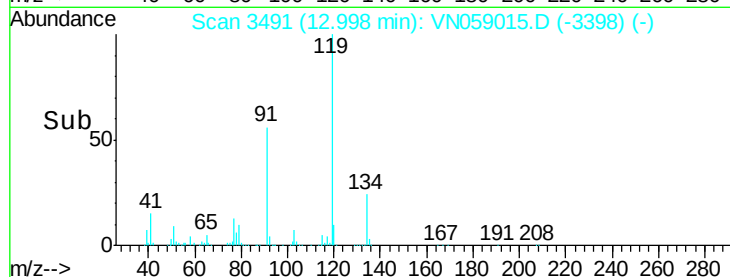
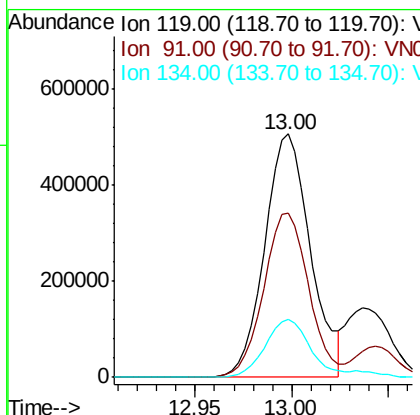
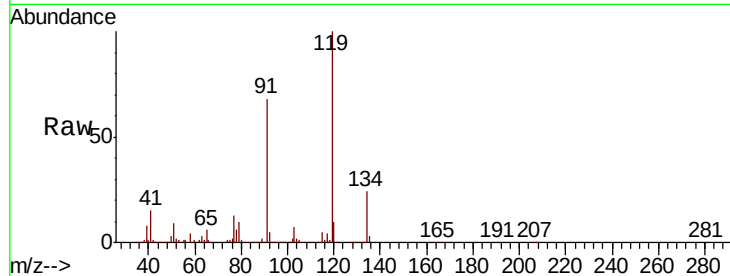




#83
 tert-Butylbenzene
 Concen: 54.237 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

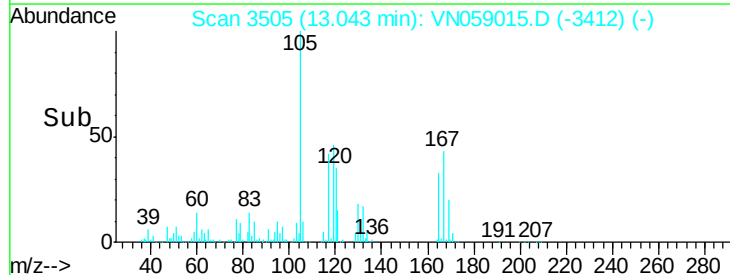
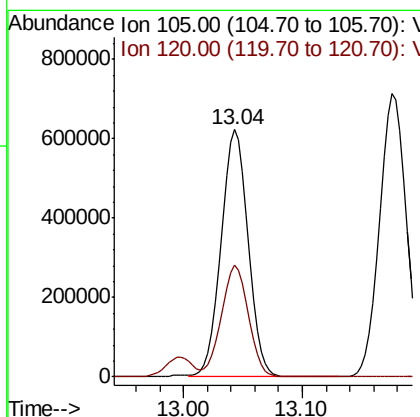
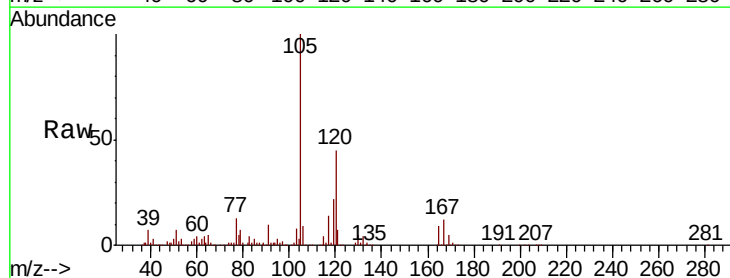
Instrument :
 MSVOA_N
 ClientSampled :

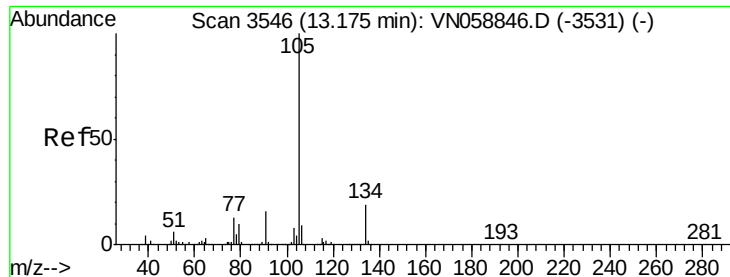
Tot Ion:119 Resp: 834992
 Ion Ratio Lower Upper
 119 100
 91 66.0 34.1 102.3
 134 25.2 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 55.088 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion:105 Resp: 978211
 Ion Ratio Lower Upper
 105 100
 120 45.2 21.9 65.8





#85

sec-Butylbenzene

Concen: 54.575 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059015.D

Acq: 30 Oct 2019 9:14

Instrument :

MSVOA_N

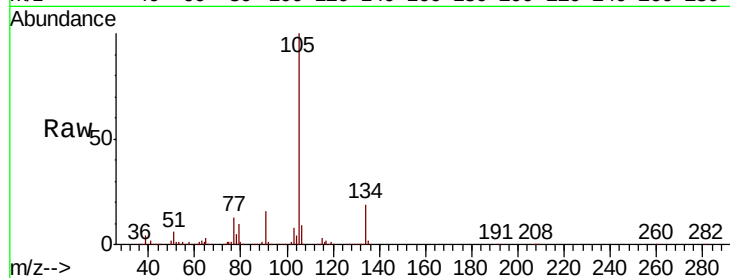
ClientSampleId :

Tot Ion:105 Resp: 1120184

Ion Ratio Lower Upper

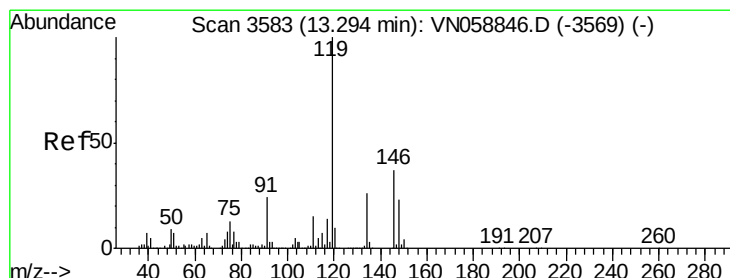
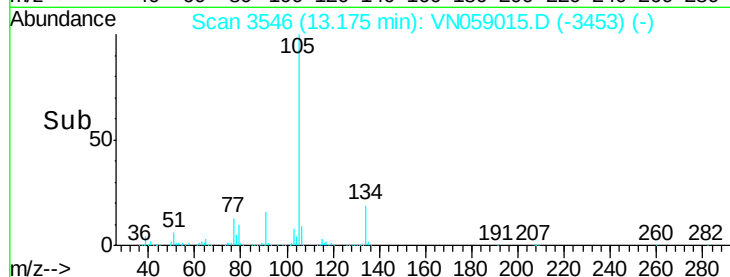
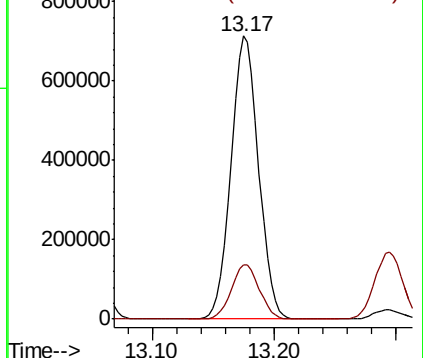
105 100

134 19.5 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.707 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN059015.D

Acq: 30 Oct 2019 9:14

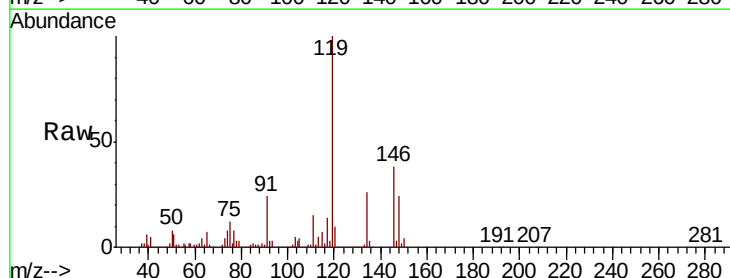
Tgt Ion:119 Resp: 1027016

Ion Ratio Lower Upper

119 100

134 26.0 12.8 38.4

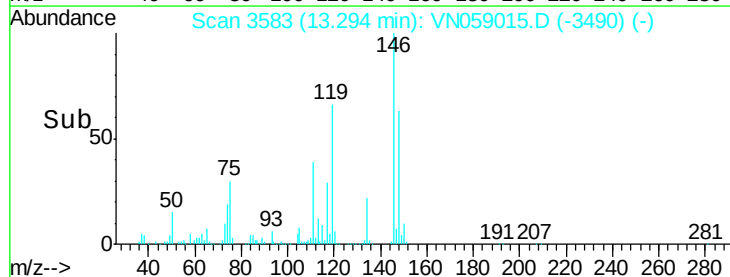
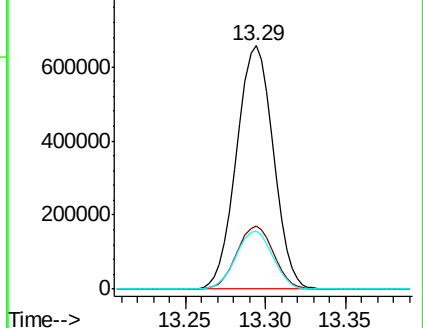
91 23.8 12.2 36.4

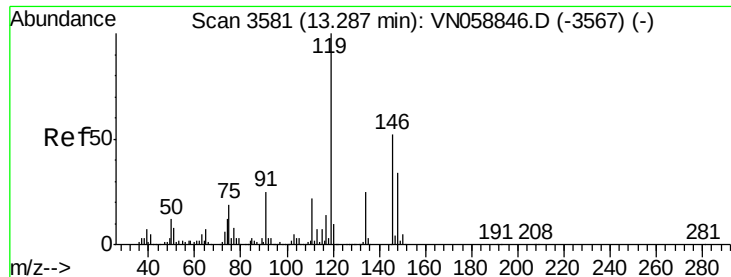


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

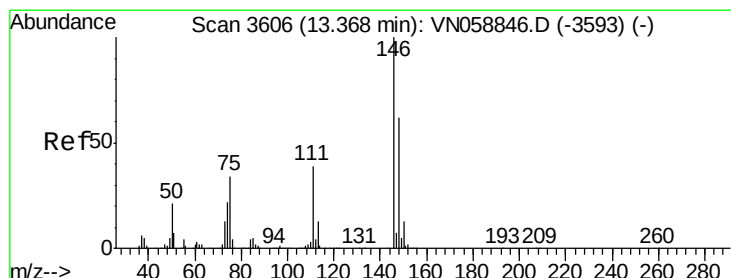
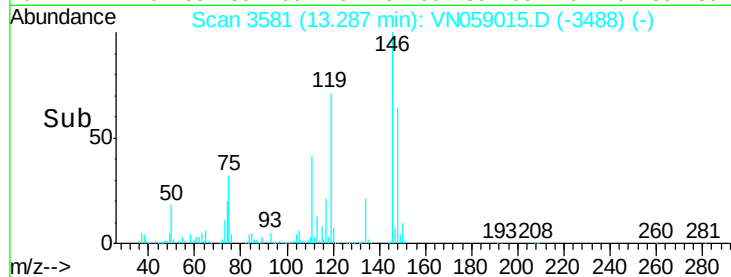
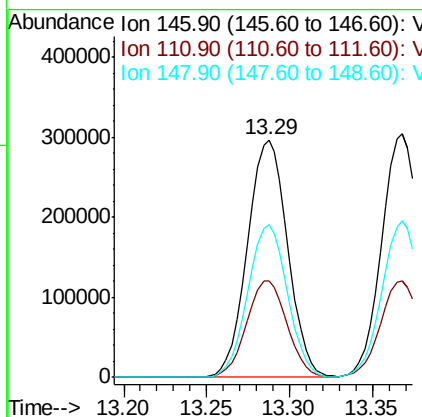
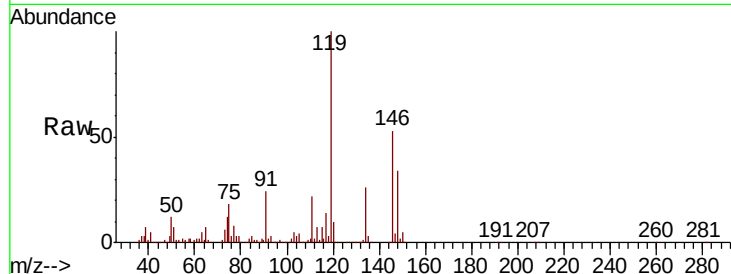




#87
 1,3-Dichlorobenzene
 Concen: 53.072 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

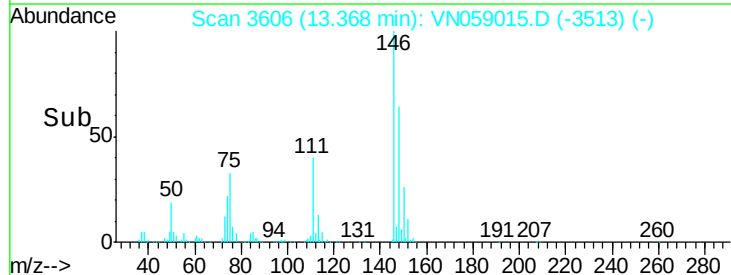
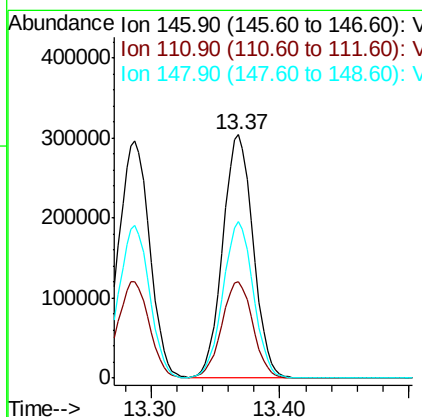
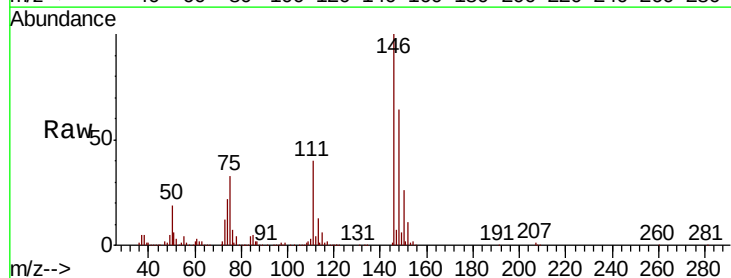
Instrument :
 MSVOA_N
 ClientSampled :

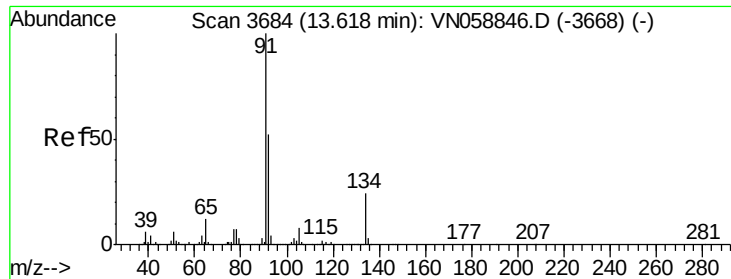
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.0	63.0
148	63.4	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 52.534 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.2	60.6
148	64.2	31.6	94.7

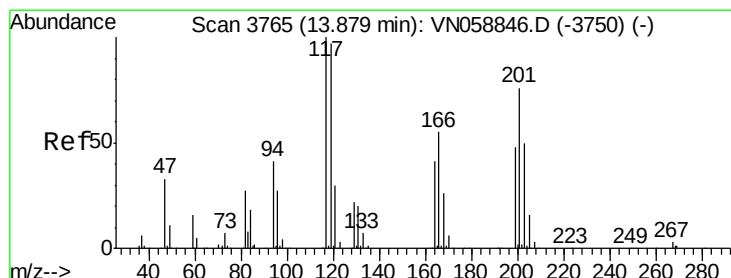
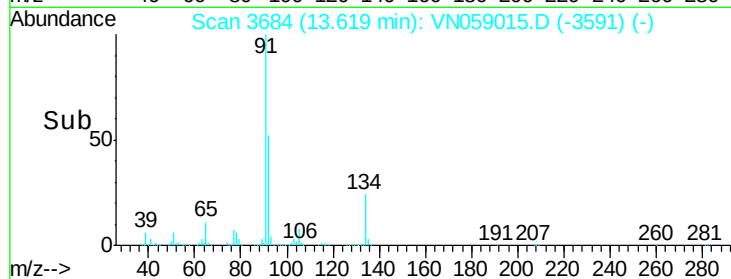
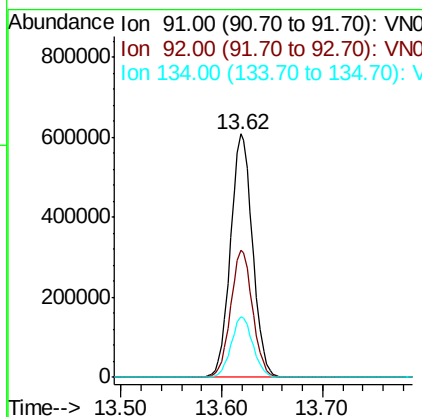
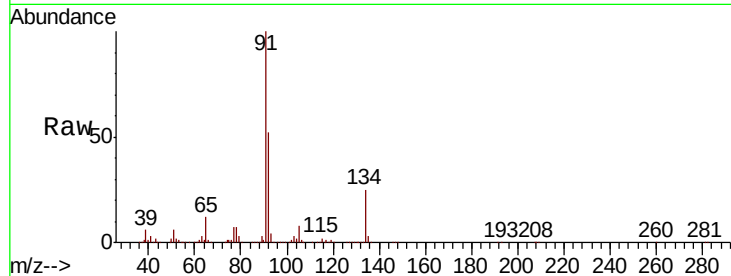




#89
n-Butylbenzene
Concen: 55.746 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059015.D
Acq: 30 Oct 2019 9:14

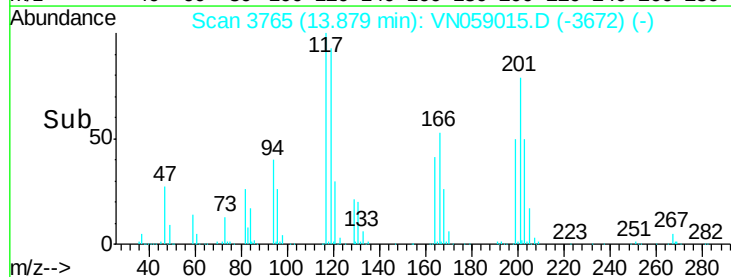
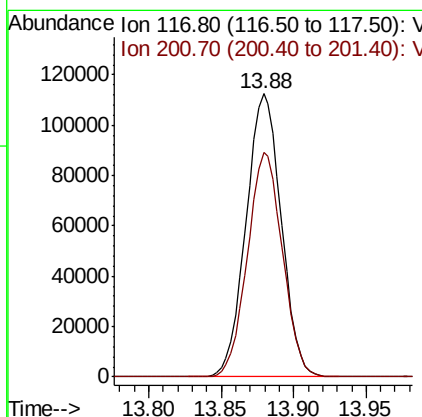
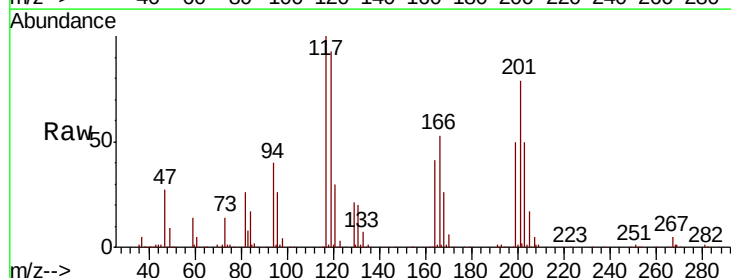
Instrument :
MSVOA_N
ClientSampled :

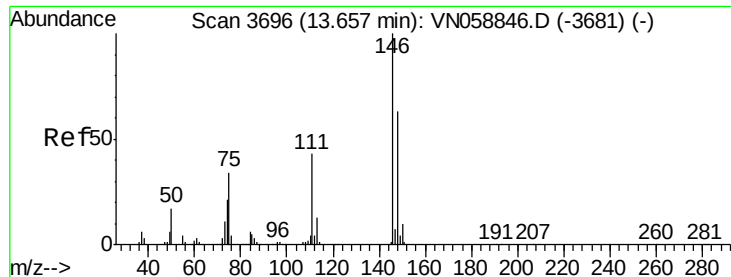
Tot Ion: 91 Resp: 927431
Ion Ratio Lower Upper
91 100
92 51.9 25.7 77.1
134 24.6 11.9 35.5



#90
Hexachloroethane
Concen: 51.797 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN059015.D
Acq: 30 Oct 2019 9:14

Tgt Ion: 117 Resp: 190088
Ion Ratio Lower Upper
117 100
201 78.8 38.9 116.6





#91

1,2-Dichlorobenzene

Concen: 53.141 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN059015.D

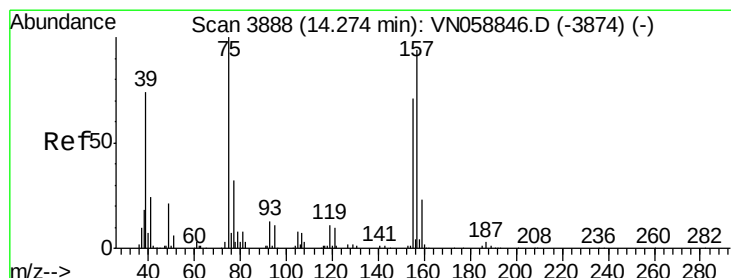
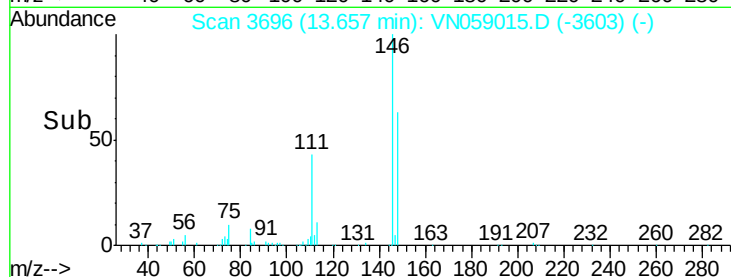
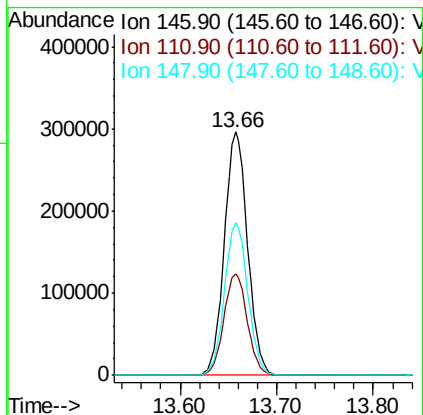
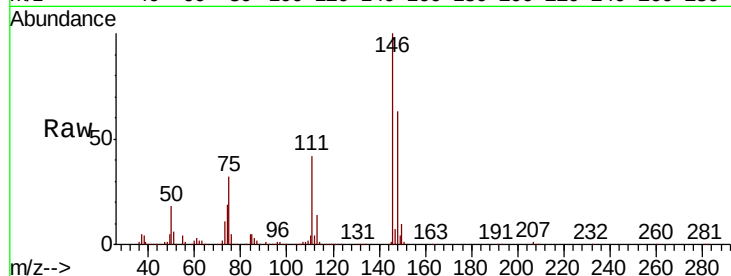
Acq: 30 Oct 2019 9:14

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	146	Resp:	493261
Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.6	64.8
148	63.1	31.9	95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.609 ug/l

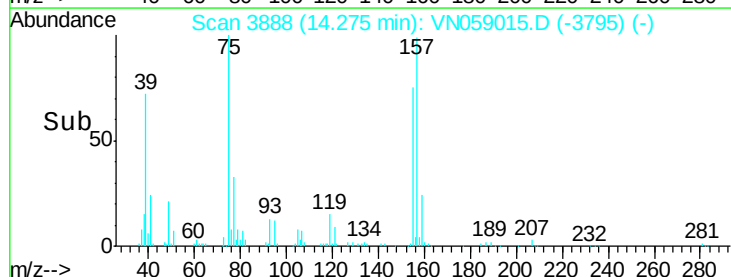
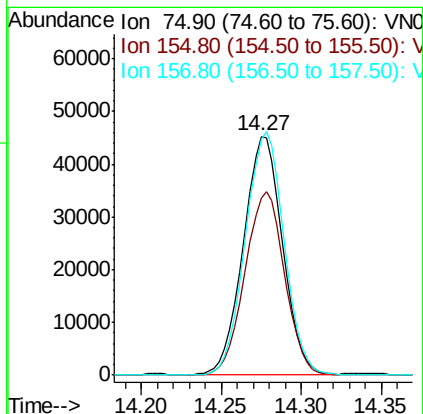
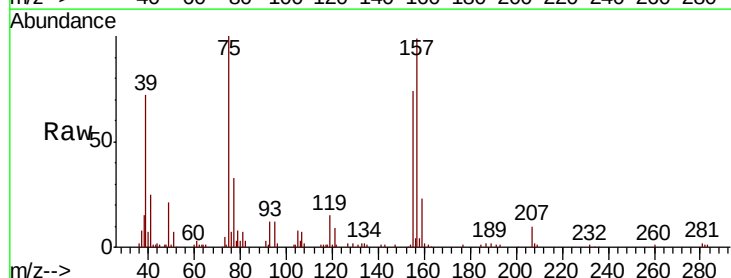
RT: 14.27 min Scan# 3888

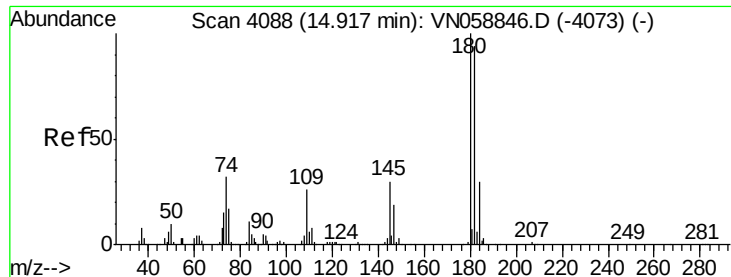
Delta R.T. 0.00 min

Lab File: VN059015.D

Acq: 30 Oct 2019 9:14

Tgt Ion:	75	Resp:	76020
Ion	Ratio	Lower	Upper
75	100		
155	77.4	35.6	106.8
157	100.6	47.4	142.2

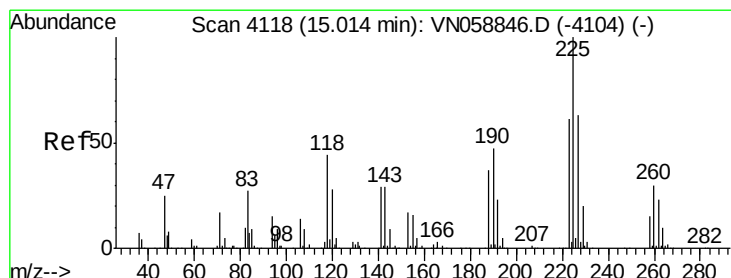
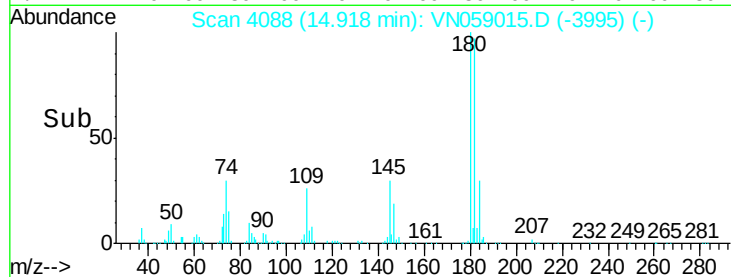
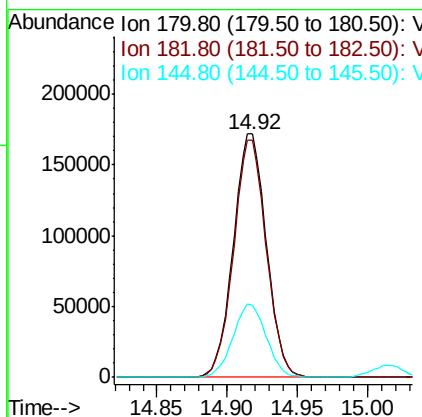
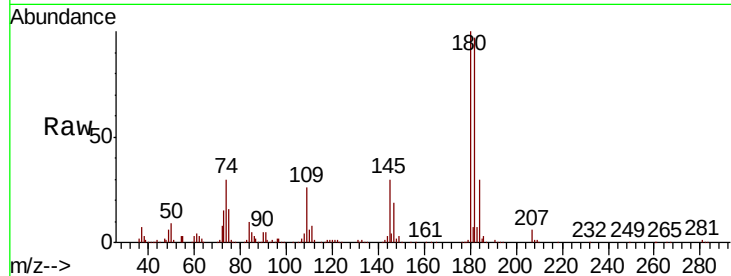




#93
 1,2,4-Trichlorobenzene
 Concen: 48.328 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

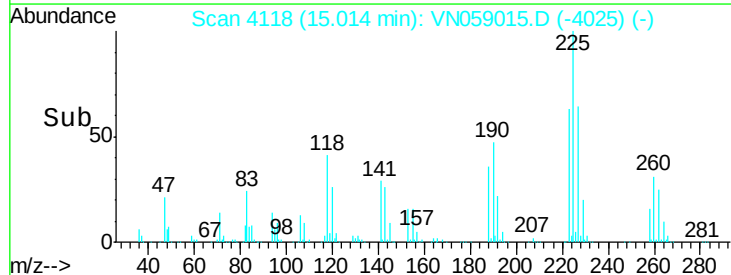
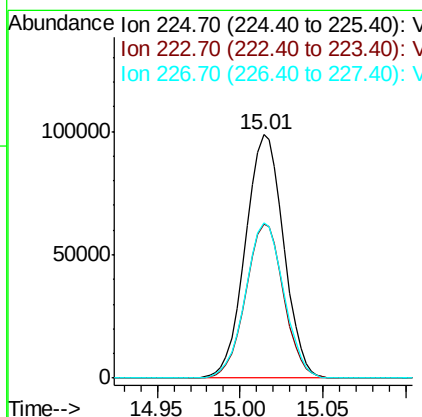
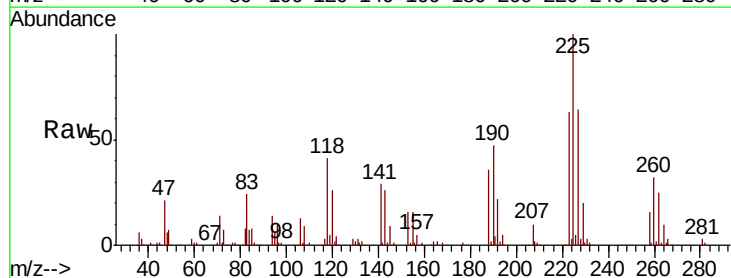
Instrument :
 MSVOA_N
 ClientSampled :

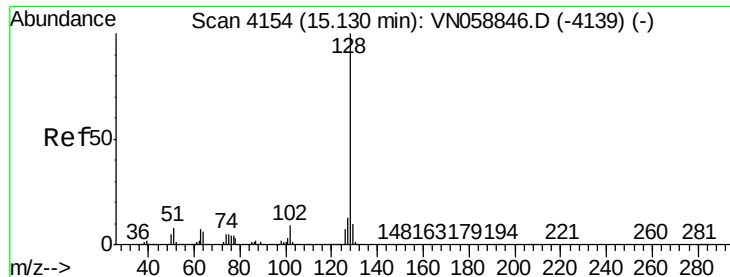
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.3	142.0
145	30.4	15.3	45.8



#94
 Hexachlorobutadiene
 Concen: 52.528 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	30.9	92.5
227	64.1	31.6	94.7





#95

Naphthalene

Concen: 45.746 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN059015.D

Acq: 30 Oct 2019 9:14

Instrument :

MSVOA_N

ClientSampleId :

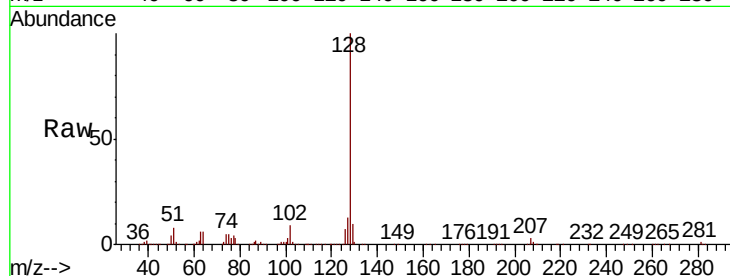
Tot Ion:128 Resp: 764954

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

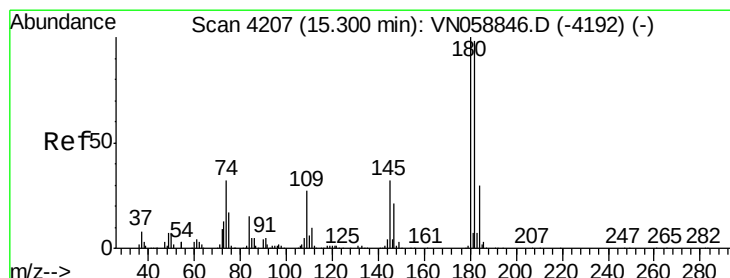
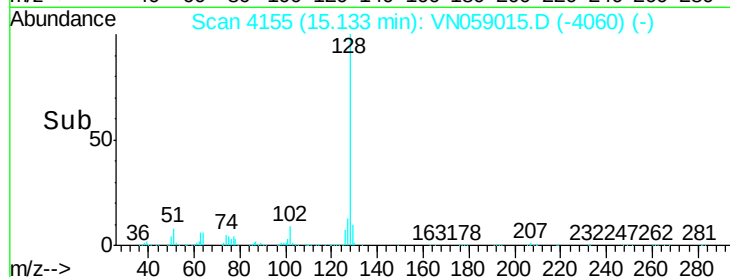
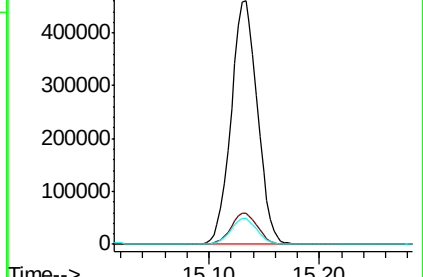
129 10.8 8.4 12.6



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: 47.976 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN059015.D

Acq: 30 Oct 2019 9:14

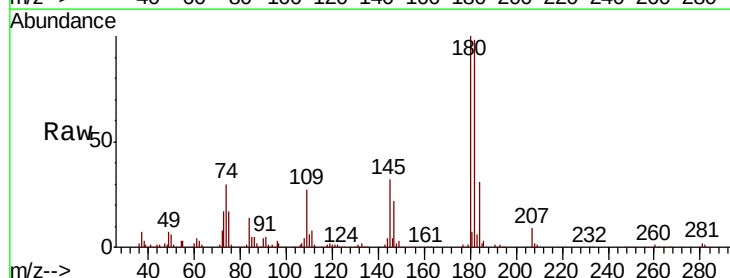
Tgt Ion:180 Resp: 272340

Ion Ratio Lower Upper

180 100

182 96.3 47.9 143.7

145 32.4 15.9 47.7



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

