

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112519\
 Data File : VN059390.D
 Acq On : 25 Nov 2019 18:00
 Operator : JC/SP
 Sample : VN1125SBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 26 00:39:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	357942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	560498	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	501571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	228547	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	211453	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
35) Dibromofluoromethane	7.57	113	171582	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	10.08	98	670361	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	12.40	95	235506	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	79952	17.447 ug/l	100
3) Chloromethane	2.04	50	98333	17.516 ug/l	99
4) Vinyl Chloride	2.17	62	105579	18.267 ug/l	99
5) Bromomethane	2.55	94	57454	17.905 ug/l	96
6) Chloroethane	2.68	64	54020	17.125 ug/l	99
7) Trichlorofluoromethane	3.00	101	107739	17.310 ug/l	97
8) Diethyl Ether	3.39	74	46678	18.345 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	69658	18.303 ug/l	99
10) Methyl Iodide	3.93	142	89686	18.961 ug/l	99
11) Tert butyl alcohol	4.75	59	75937	88.313 ug/l	98
12) 1,1-Dichloroethene	3.72	96	68583	17.753 ug/l	99
13) Acrolein	3.58	56	47623	60.672 ug/l	99
14) Allyl chloride	4.30	41	129015	17.877 ug/l	99
15) Acrylonitrile	4.95	53	208911	91.890 ug/l	100
16) Acetone	3.79	43	210489	109.307 ug/l	100
17) Carbon Disulfide	4.03	76	208537	17.316 ug/l	99
18) Methyl Acetate	4.30	43	124219	19.437 ug/l	99
19) Methyl tert-butyl Ether	5.01	73	233309	18.698 ug/l	98
20) Methylene Chloride	4.53	84	80243	18.476 ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	73211	17.881 ug/l	99
22) Diisopropyl ether	5.92	45	251585	18.515 ug/l	99
23) Vinyl Acetate	5.87	43	982561	91.954 ug/l	100
24) 1,1-Dichloroethane	5.82	63	141971	18.562 ug/l	98
25) 2-Butanone	6.81	43	286200	95.578 ug/l	99
26) 2,2-Dichloropropane	6.80	77	118291	17.862 ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	83553	18.087 ug/l	99
28) Bromochloromethane	7.17	49	63430	21.754 ug/l	96
29) Tetrahydrofuran	7.19	42	188498	91.039 ug/l	99
30) Chloroform	7.35	83	135158	18.123 ug/l	97
31) Cyclohexane	7.63	56	128156	16.947 ug/l	93
32) 1,1,1-Trichloroethane	7.55	97	114272	17.919 ug/l	99
36) 1,1-Dichloropropene	7.77	75	104205	18.009 ug/l	99
37) Ethyl Acetate	6.90	43	114411	18.398 ug/l	98
38) Carbon Tetrachloride	7.75	117	99541	17.970 ug/l	99

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 26 00:39:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	122666	17.580	ug/l	99
40) Benzene	8.02	78	317252	18.681	ug/l	99
41) Methacrylonitrile	7.18	41	162523	58.872	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	104775	18.654	ug/l	100
43) Isopropyl Acetate	8.15	43	173608	18.267	ug/l	98
44) Trichloroethene	8.82	130	79568	18.487	ug/l	98
45) 1,2-Dichloropropane	9.10	63	84503	18.660	ug/l	99
46) Dibromomethane	9.19	93	51699	18.612	ug/l	99
47) Bromodichloromethane	9.39	83	105261	18.922	ug/l	100
48) Methyl methacrylate	9.19	41	76126	17.614	ug/l	96
49) 1,4-Dioxane	9.19	88	23295	358.637	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	543149	97.638	ug/l	100
52) Toluene	10.15	92	190694	18.674	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	120430	18.623	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	131983	18.808	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	76445	19.254	ug/l	100
56) Ethyl methacrylate	10.42	69	111843	18.140	ug/l	99
57) 1,3-Dichloropropane	10.70	76	131564	19.012	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	173216	86.747	ug/l	99
59) 2-Hexanone	10.74	43	400073	98.217	ug/l	99
60) Dibromochloromethane	10.90	129	81071	19.377	ug/l	99
61) 1,2-Dibromoethane	11.00	107	78783	19.071	ug/l	100
64) Tetrachloroethene	10.63	164	71890	18.532	ug/l	95
65) Chlorobenzene	11.43	112	199756	18.522	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	73876	18.856	ug/l	99
67) Ethyl Benzene	11.51	91	356257	18.501	ug/l	99
68) m/p-Xylenes	11.62	106	264891	37.020	ug/l	100
69) o-Xylene	11.95	106	126195	18.422	ug/l	100
70) Styrene	11.96	104	198784	18.391	ug/l	99
71) Bromoform	12.13	173	56311	18.978	ug/l #	99
73) Isopropylbenzene	12.25	105	340121	18.167	ug/l	100
74) N-amyl acetate	12.07	43	133769	17.778	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	114716	18.523	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	151177	28.632	ug/l #	100
77) Bromobenzene	12.53	156	82533	18.175	ug/l	99
78) n-propylbenzene	12.59	91	390424	18.410	ug/l	100
79) 2-Chlorotoluene	12.68	91	233435	17.933	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	289349	18.385	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	39595	18.756	ug/l	98
82) 4-Chlorotoluene	12.77	91	236527	17.559	ug/l	99
83) tert-Butylbenzene	12.99	119	245691	18.484	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	284302	18.441	ug/l	99
85) sec-Butylbenzene	13.17	105	323040	18.082	ug/l	99
86) p-Isopropyltoluene	13.29	119	290788	18.291	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	145534	17.996	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	144117	18.012	ug/l	99
89) n-Butylbenzene	13.62	91	247650	17.758	ug/l	100
90) Hexachloroethane	13.88	117	52056	17.290	ug/l	96
91) 1,2-Dichlorobenzene	13.66	146	141306	18.060	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22270	16.913	ug/l	98

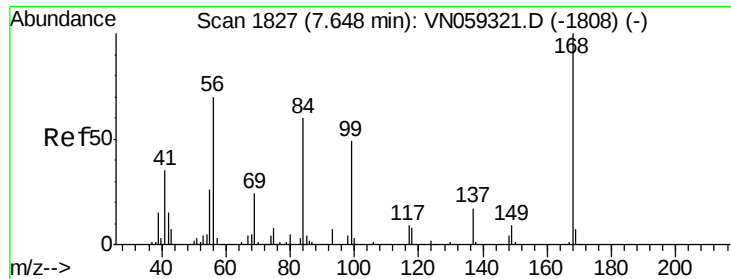
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112519\
Data File : VN059390.D
Acq On : 25 Nov 2019 18:00
Operator : JC/SP
Sample : VN1125SBSD02
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ClientSampleId :

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Quant Title : SW846 8260
QLast Update : Thu Nov 21 08:44:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	74925	17.430	ug/l	99
94) Hexachlorobutadiene	15.01	225	51230	18.173	ug/l	98
95) Naphthalene	15.13	128	194285	16.673	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	75562	17.120	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

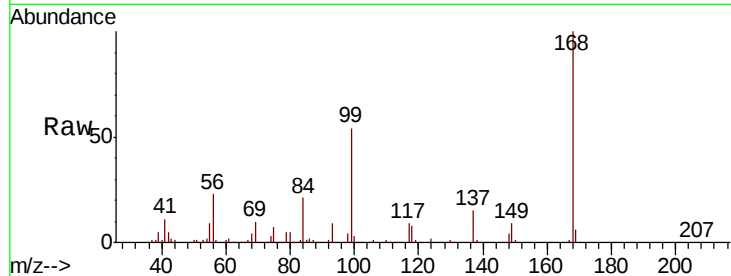
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 357942

Ion Ratio Lower Upper

168 100

99 53.7 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

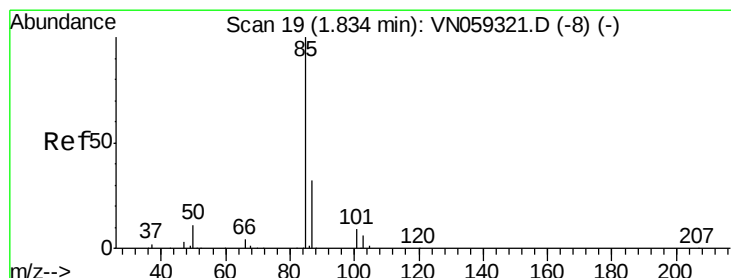
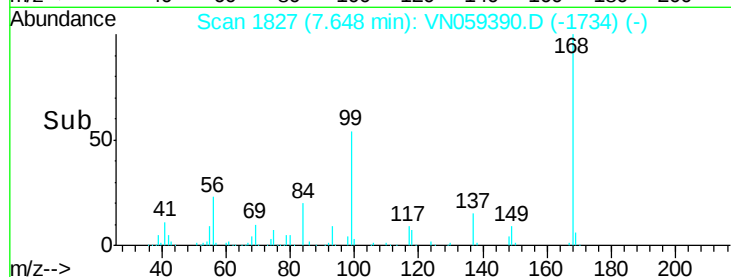
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.447 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059390.D

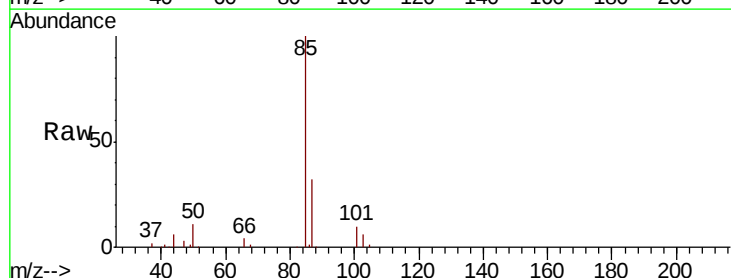
Acq: 25 Nov 2019 18:00

Tgt Ion: 85 Resp: 79952

Ion Ratio Lower Upper

85 100

87 31.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

60000

50000

40000

30000

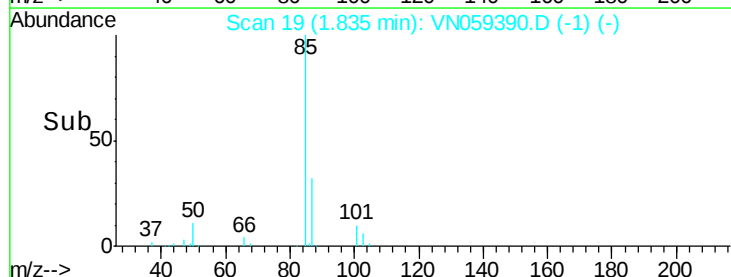
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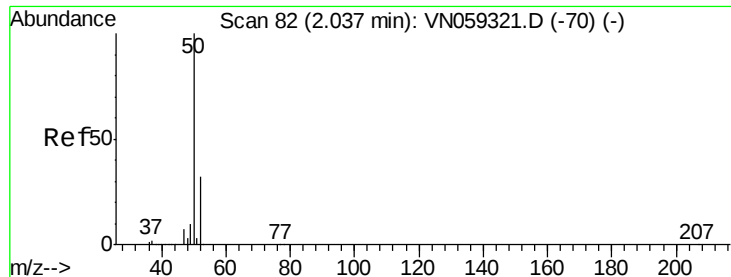
10000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 17.516 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

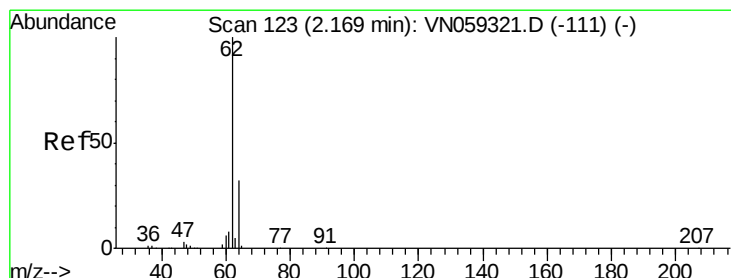
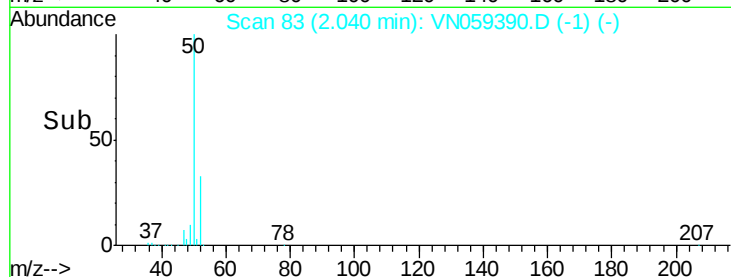
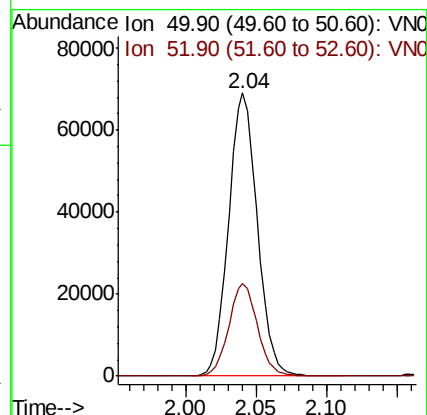
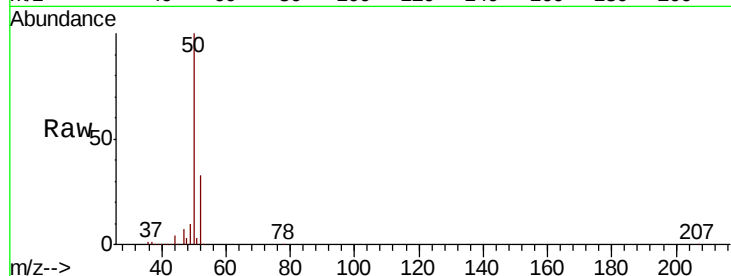
ClientSampleId :

Tot Ion: 50 Resp: 98333

Ion Ratio Lower Upper

50 100

52 32.9 26.0 39.0



#4

Vinyl Chloride

Concen: 18.267 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059390.D

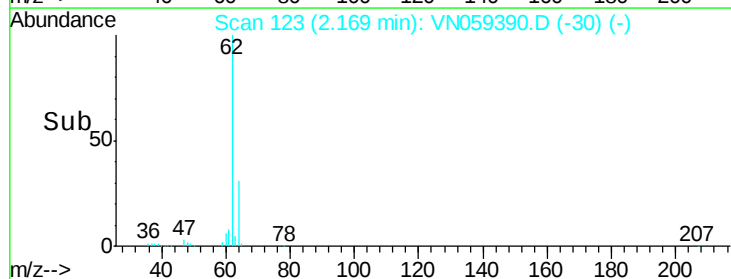
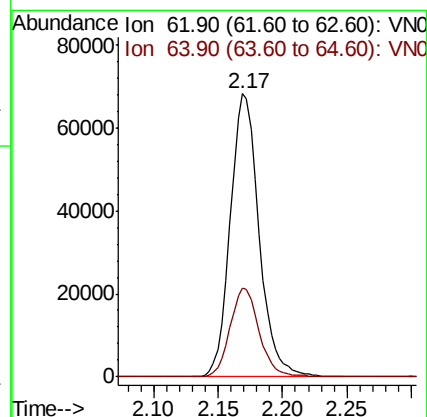
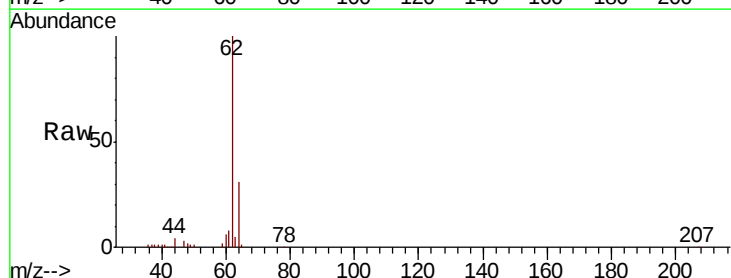
Acq: 25 Nov 2019 18:00

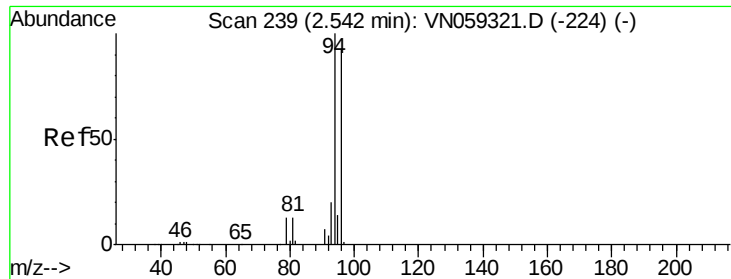
Tgt Ion: 62 Resp: 105579

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.0





#5

Bromomethane

Concen: 17.905 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

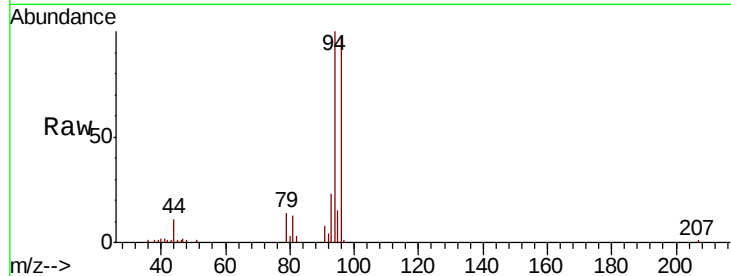
ClientSampleId :

Tot Ion: 94 Resp: 57454

Ion Ratio Lower Upper

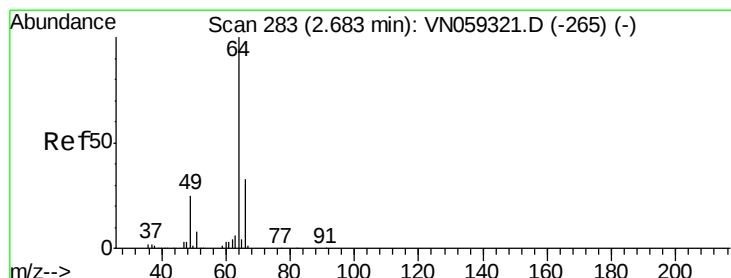
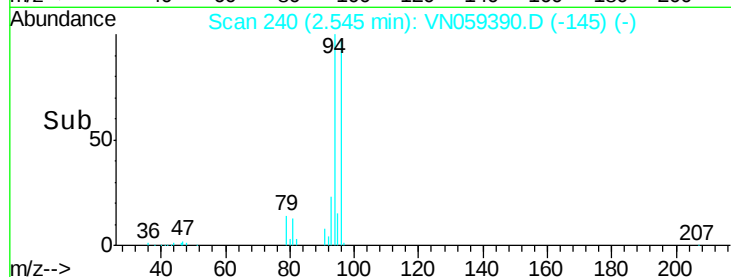
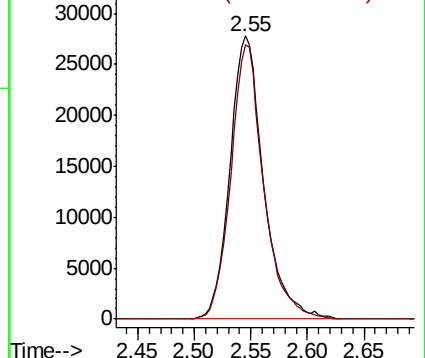
94 100

96 97.0 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.125 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059390.D

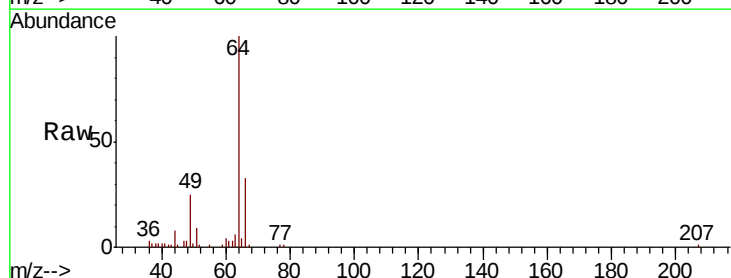
Acq: 25 Nov 2019 18:00

Tgt Ion: 64 Resp: 54020

Ion Ratio Lower Upper

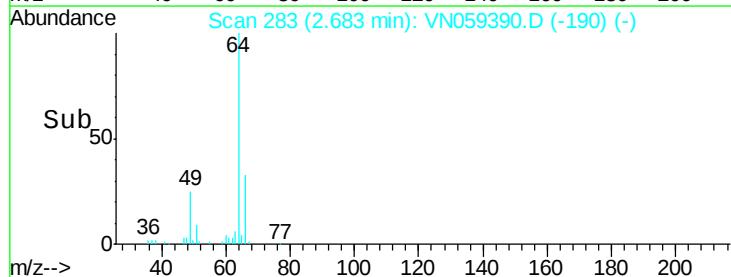
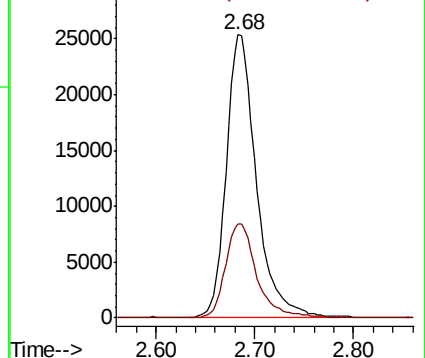
64 100

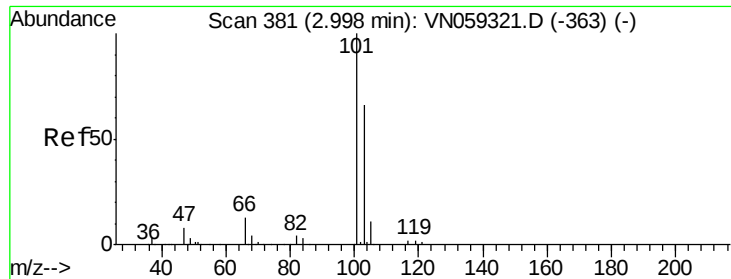
66 33.0 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



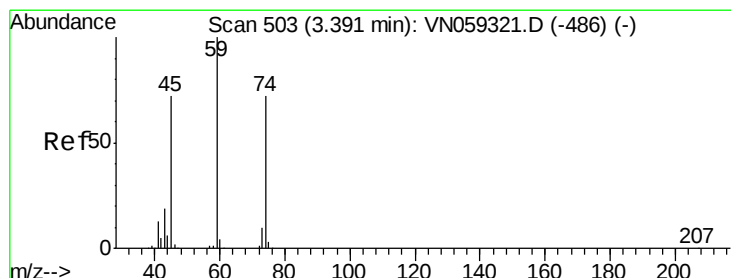
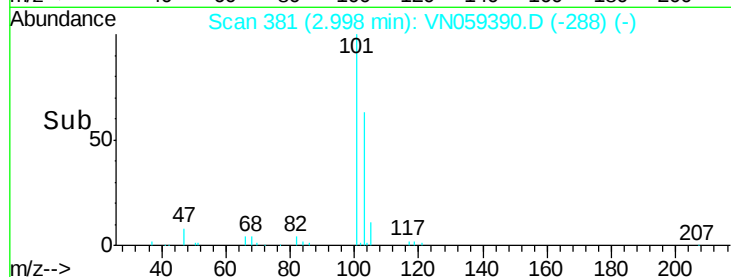
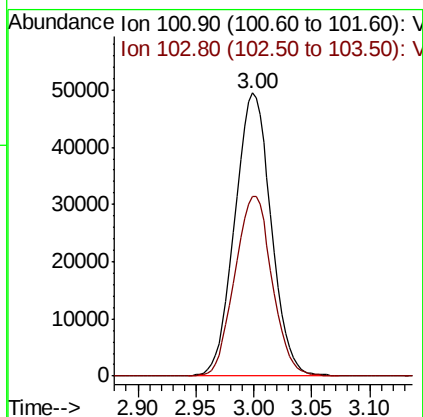
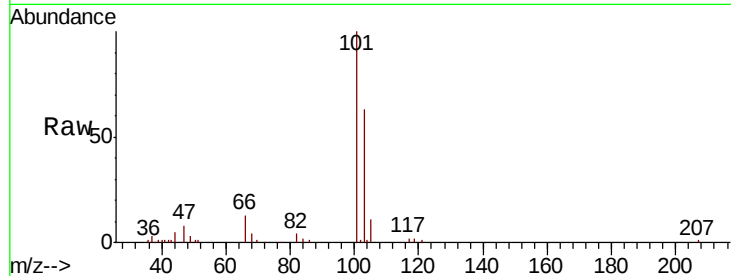


#7

Trichlorofluoromethane
 Concen: 17.310 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VN059390.D
 Acq: 25 Nov 2019 18:00

Instrument :
 MSVOA_N
 ClientSampled :

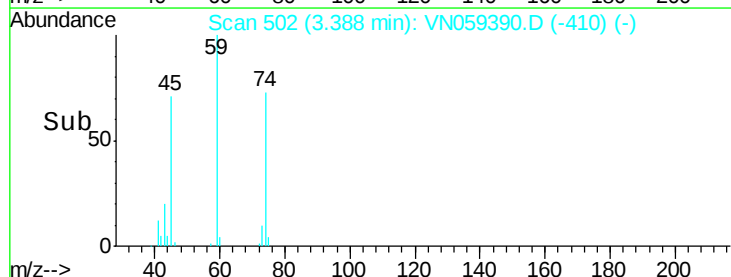
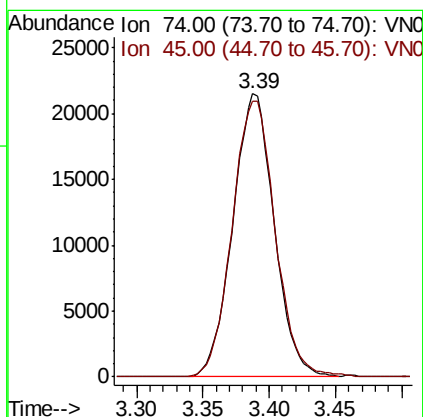
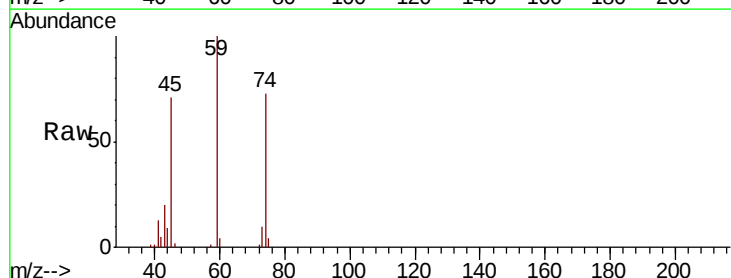
Tot Ion:101 Resp: 107739
 Ion Ratio Lower Upper
 101 100
 103 63.4 52.5 78.7

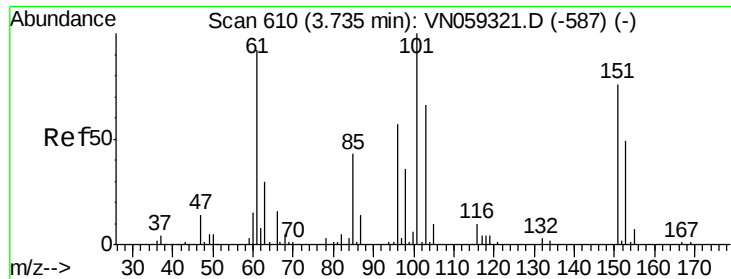


#8

Diethyl Ether
 Concen: 18.345 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN059390.D
 Acq: 25 Nov 2019 18:00

Tgt Ion: 74 Resp: 46678
 Ion Ratio Lower Upper
 74 100
 45 101.3 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.303 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampled :

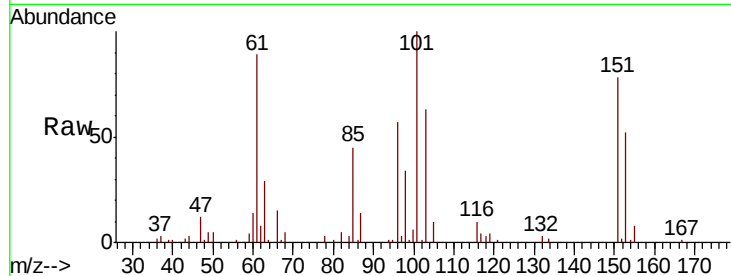
Tot Ion:101 Resp: 69658

Ion Ratio Lower Upper

101 100

85 43.7 34.8 52.2

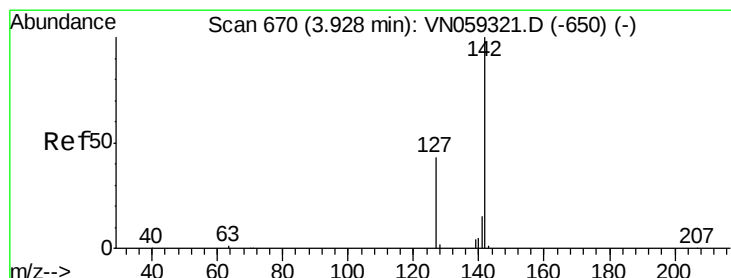
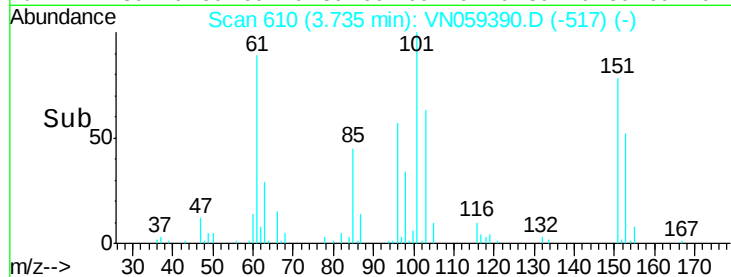
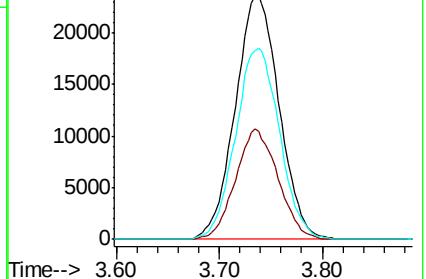
151 78.8 62.2 93.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.961 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

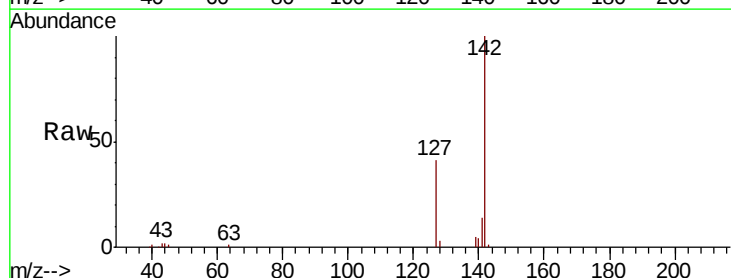
Tgt Ion:142 Resp: 89686

Ion Ratio Lower Upper

142 100

127 41.1 33.8 50.6

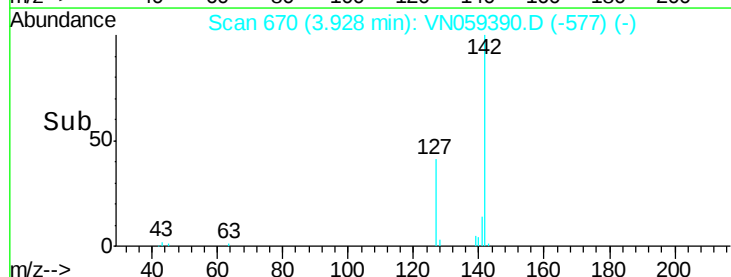
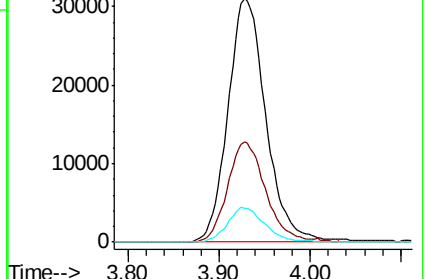
141 13.8 11.2 16.8

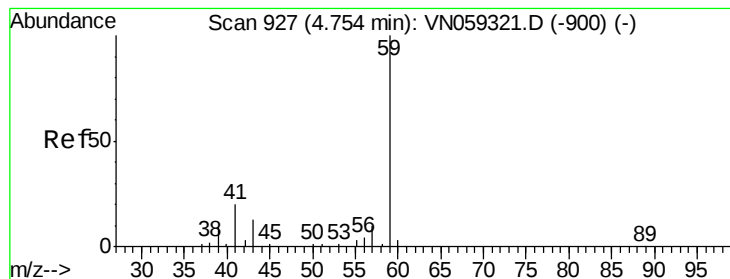


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



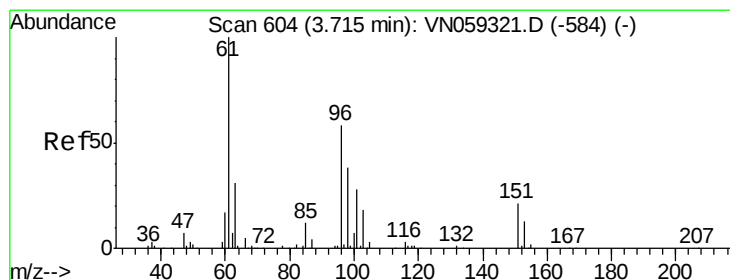
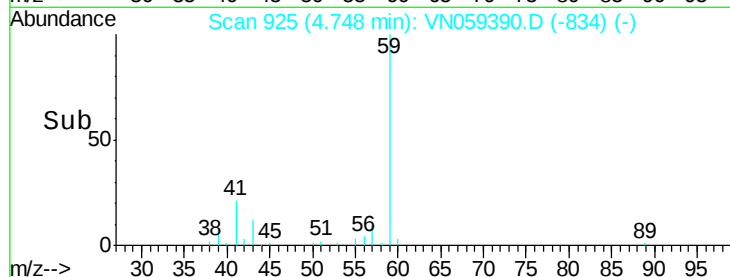
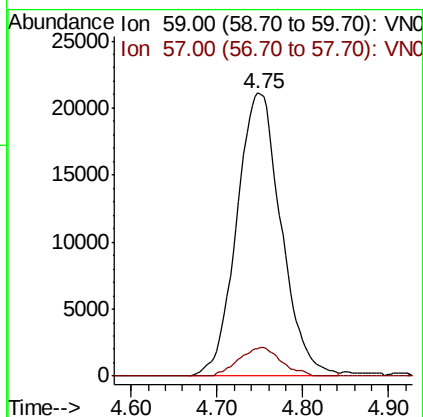
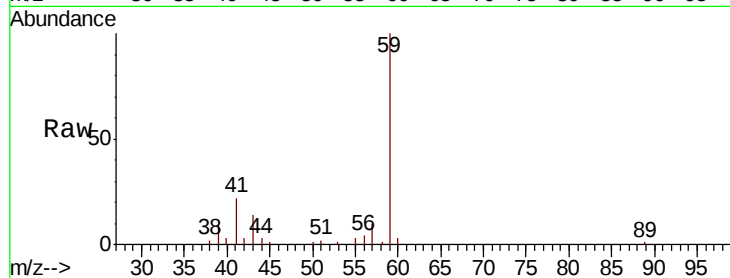


#11

Tert butyl alcohol
Concen: 88.313 ug/l
RT: 4.75 min Scan# 925
Delta R.T. -0.01 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

Instrument :
MSVOA_N
ClientSampled :

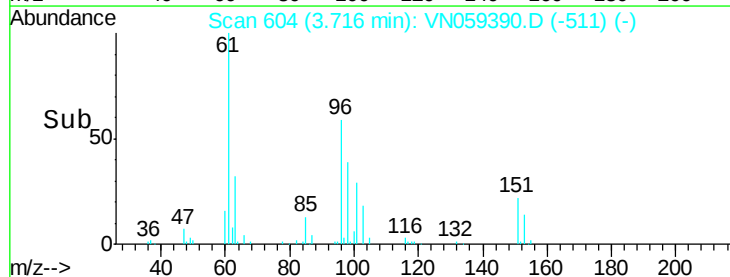
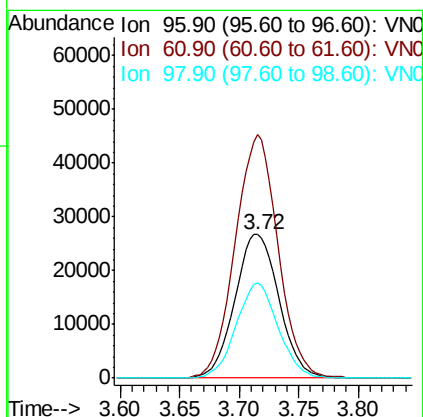
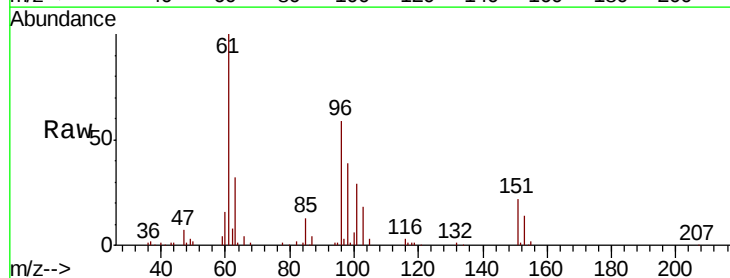
Tot Ion: 59 Resp: 75937
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.2

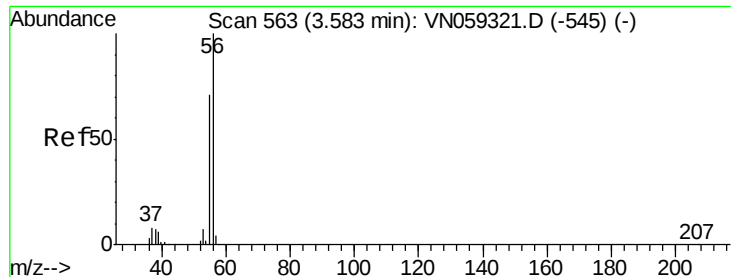


#12

1,1-Dichloroethene
Concen: 17.753 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

Tgt Ion: 96 Resp: 68583
Ion Ratio Lower Upper
96 100
61 169.6 136.8 205.2
98 66.2 51.6 77.4





#13

Acrolein

Concen: 60.672 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

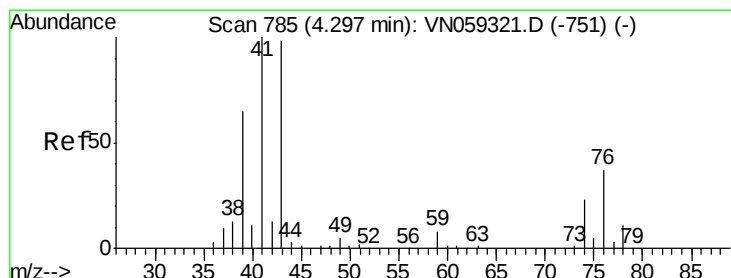
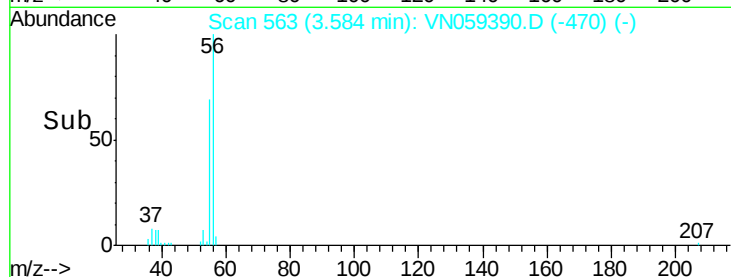
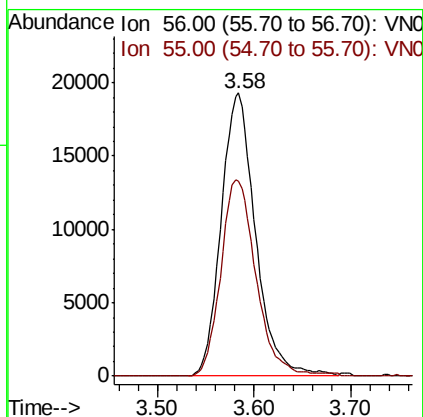
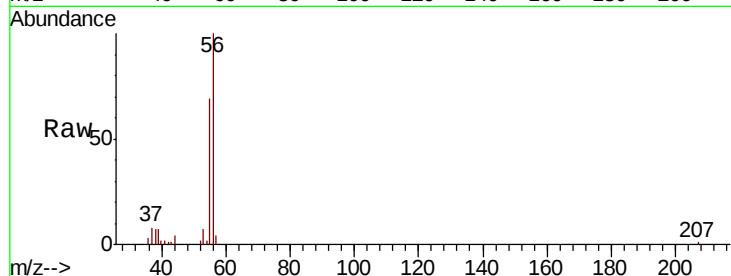
ClientSampleId :

Tot Ion: 56 Resp: 47623

Ion Ratio Lower Upper

56 100

55 70.7 57.4 86.0



#14

Allyl chloride

Concen: 17.877 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

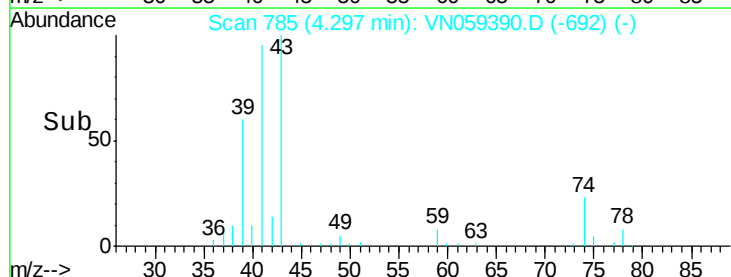
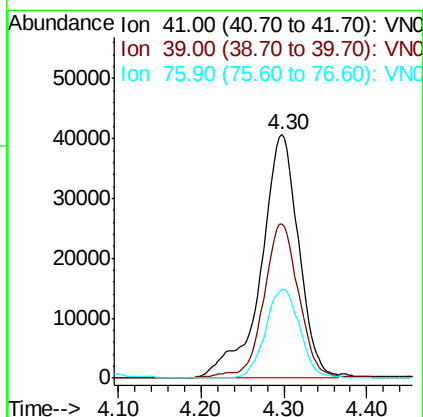
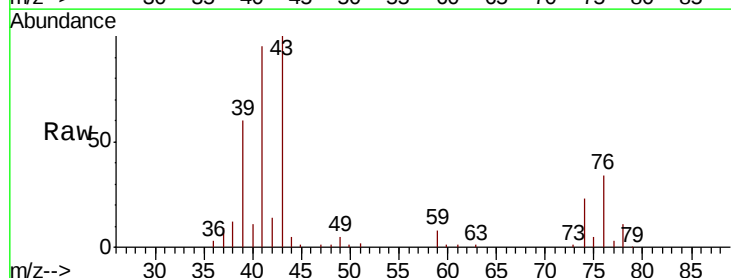
Tgt Ion: 41 Resp: 129015

Ion Ratio Lower Upper

41 100

39 59.3 48.4 72.6

76 33.2 26.2 39.4





#15

Acrylonitrile

Concen: 91.890 ug/l

RT: 4.95 min Scan# 989

Delta R.T. -0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

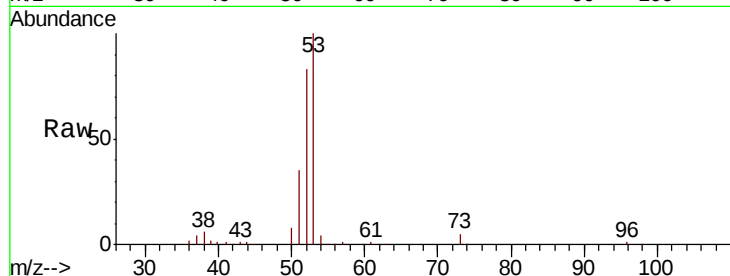
Tot Ion: 53 Resp: 208911

Ion Ratio Lower Upper

53 100

52 82.4 65.8 98.8

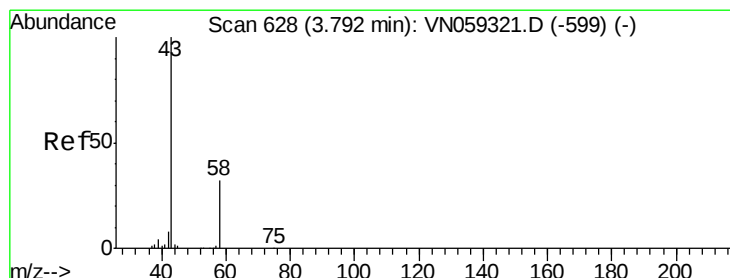
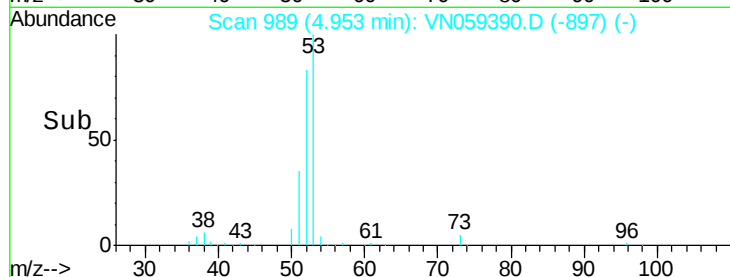
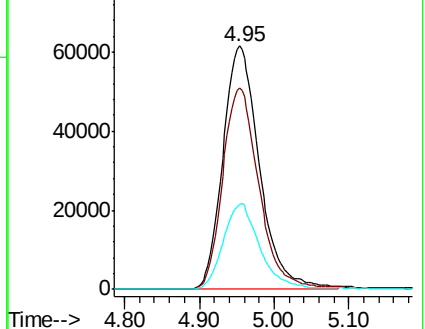
51 35.4 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VN059321.D (-968) (-)

Ion 52.00 (51.70 to 52.70): VN059321.D (-968) (-)

Ion 51.00 (50.70 to 51.70): VN059321.D (-968) (-)



#16

Acetone

Concen: 109.307 ug/l

RT: 3.79 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN059390.D

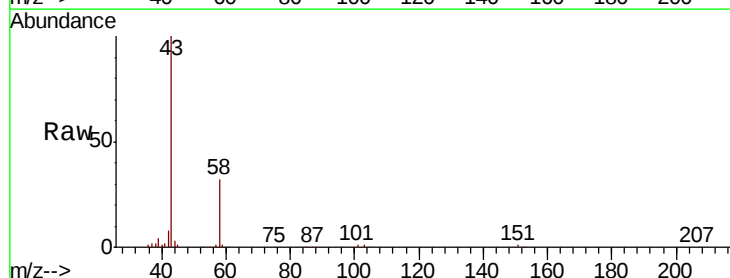
Acq: 25 Nov 2019 18:00

Tgt Ion: 43 Resp: 210489

Ion Ratio Lower Upper

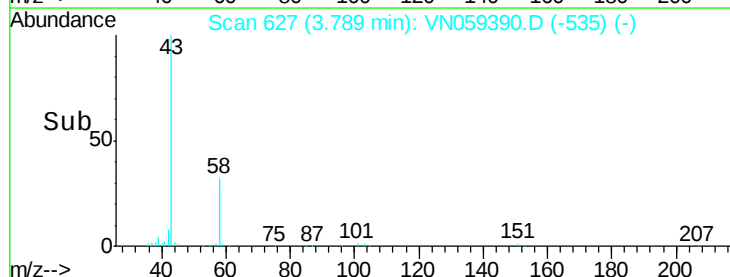
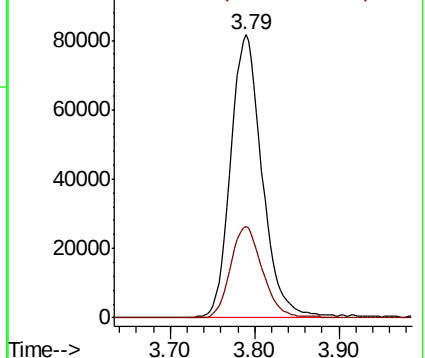
43 100

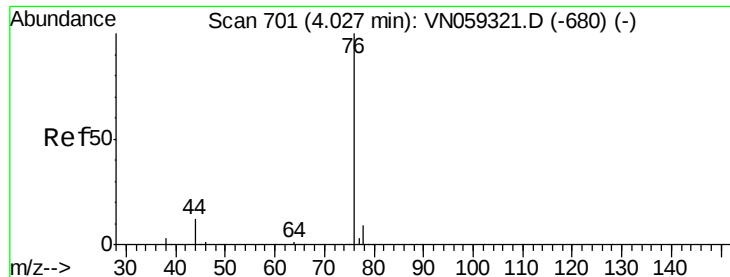
58 32.5 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VN059321.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN059321.D (-599) (-)

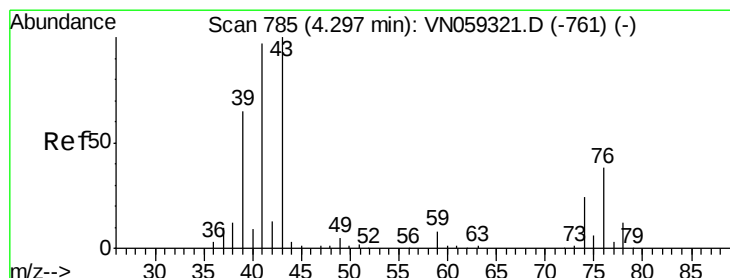
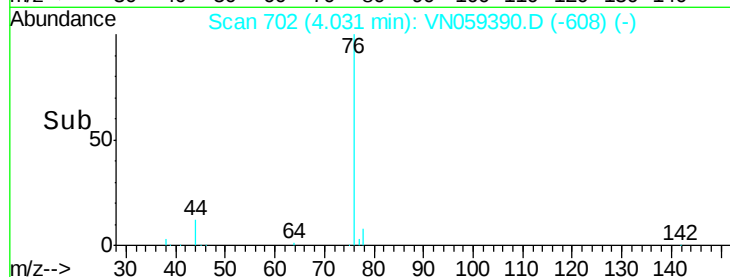
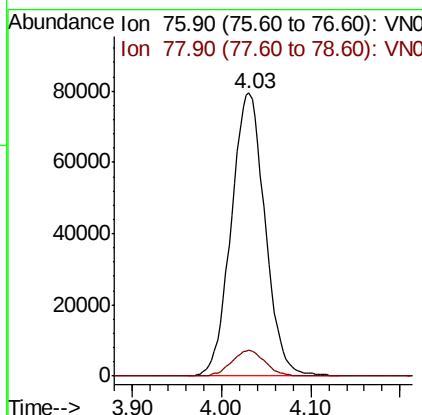
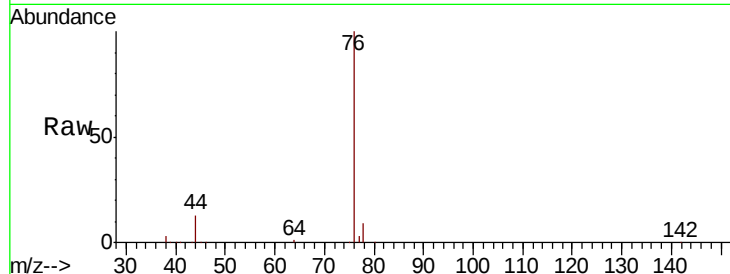




#17
Carbon Disulfide
Concen: 17.316 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

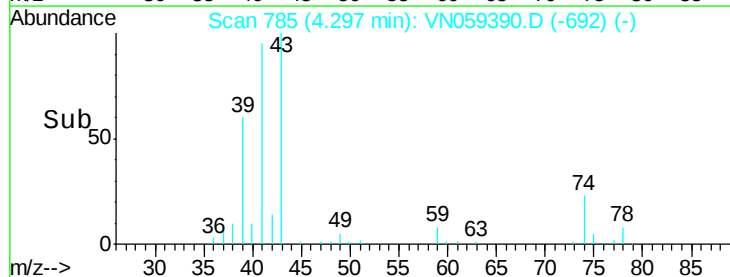
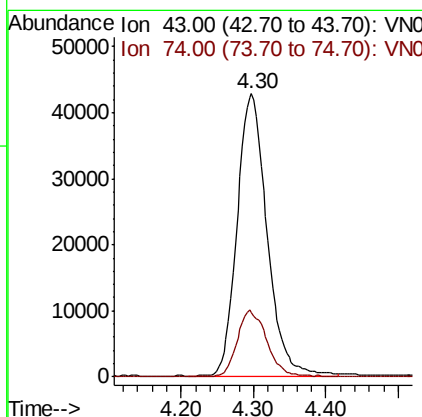
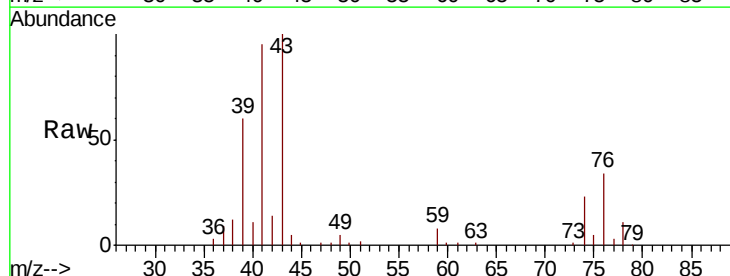
Instrument :
MSVOA_N
ClientSampleId :

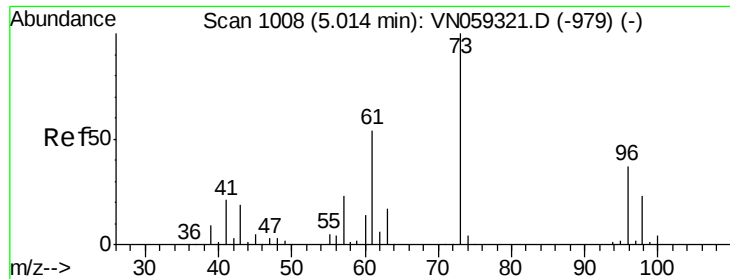
Tot Ion: 76 Resp: 208537
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 19.437 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

Tgt Ion: 43 Resp: 124219
Ion Ratio Lower Upper
43 100
74 23.0 18.1 27.1

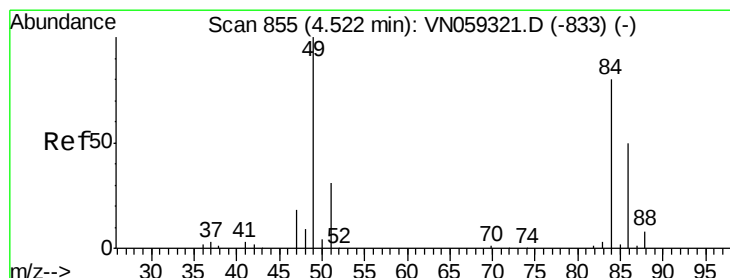
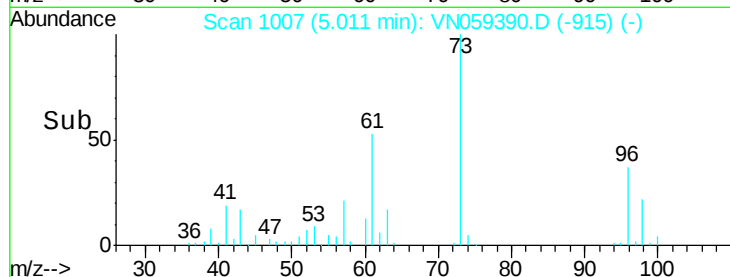
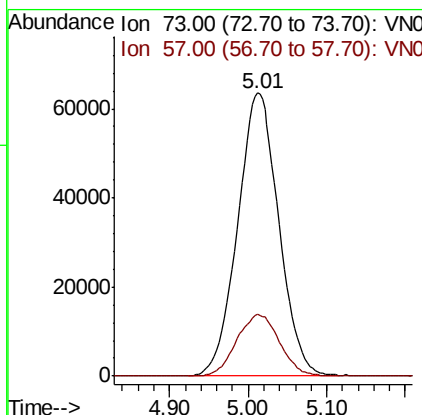
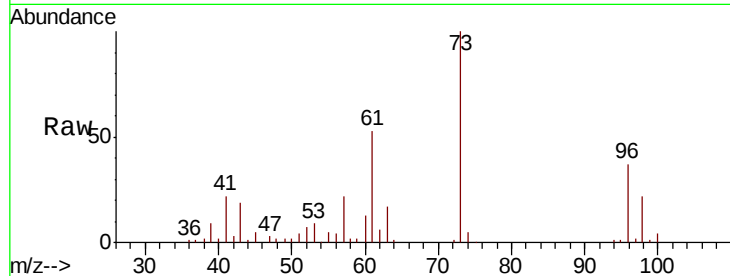




#19
Methvl tert-butvl Ether
Concen: 18.698 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

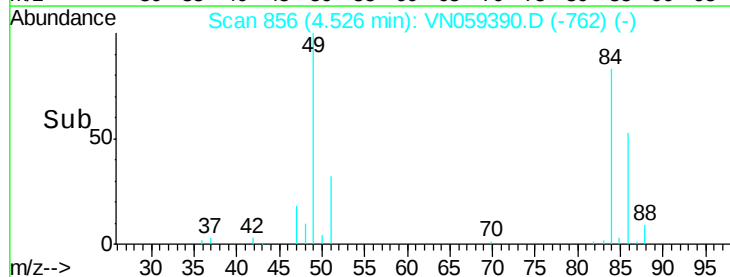
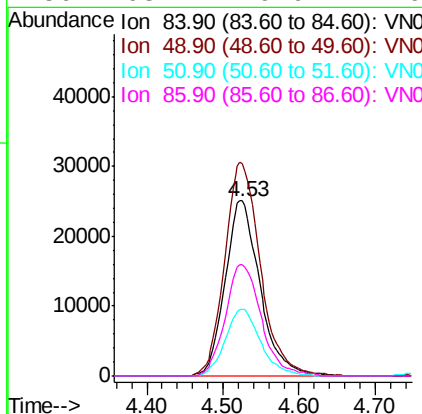
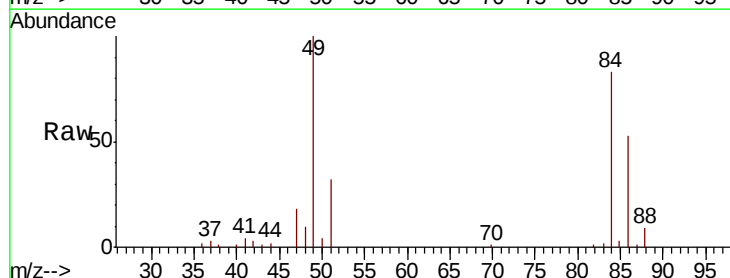
Instrument :
MSVOA_N
ClientSampled :

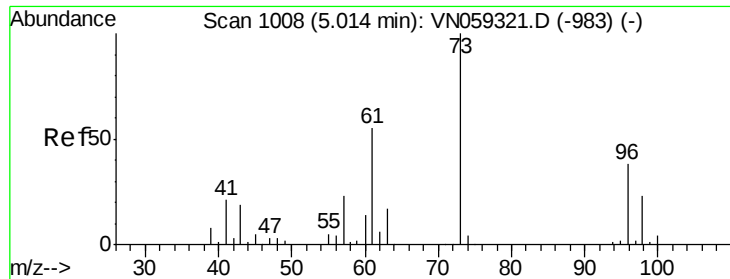
Tot Ion: 73 Resp: 233309
Ion Ratio Lower Upper
73 100
57 21.9 18.4 27.6



#20
Methylene Chloride
Concen: 18.476 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

Tgt Ion: 84 Resp: 80243
Ion Ratio Lower Upper
84 100
49 121.1 99.5 149.3
51 38.4 31.1 46.7
86 63.7 49.9 74.9



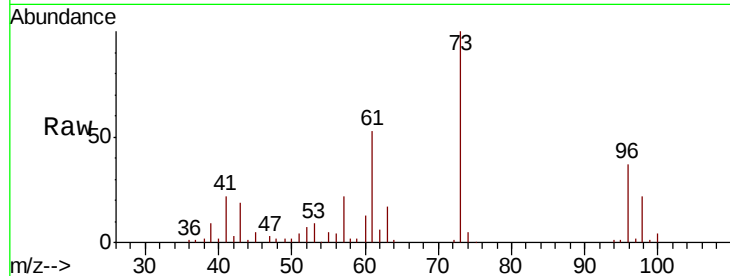


#21

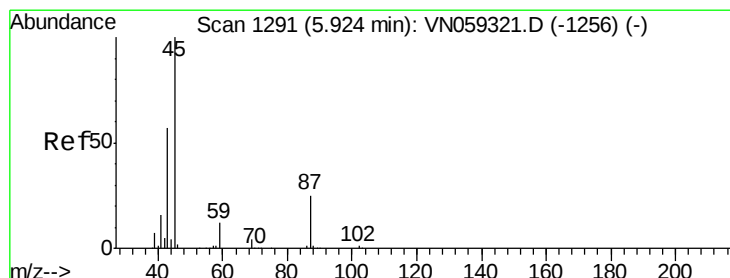
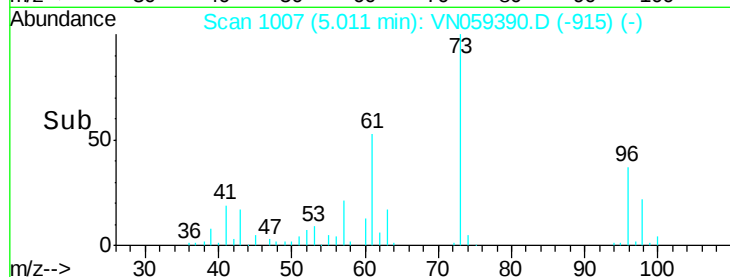
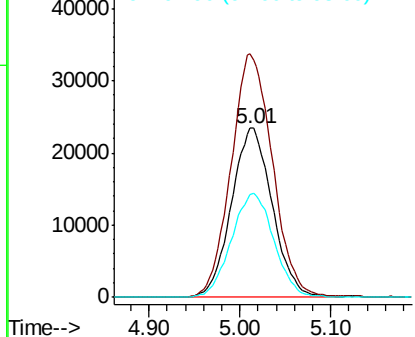
trans-1,2-Dichloroethene
Concen: 17.881 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 73211
Ion Ratio Lower Upper
96 100
61 143.9 116.4 174.6
98 60.9 49.6 74.4



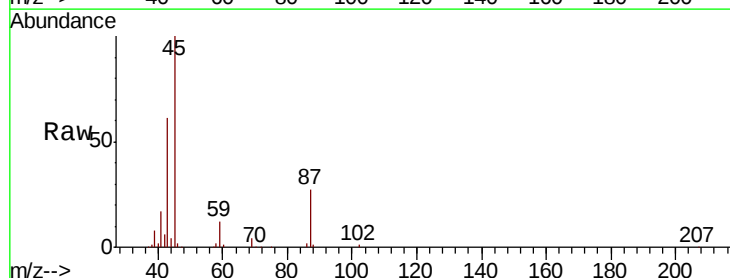
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



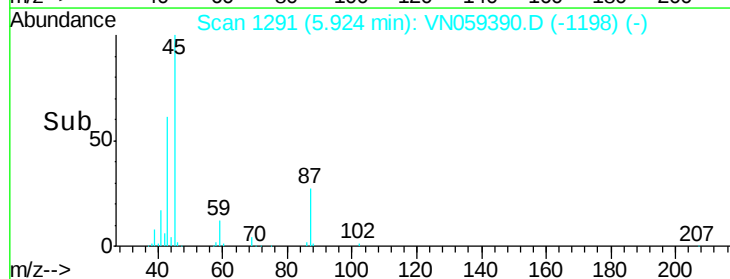
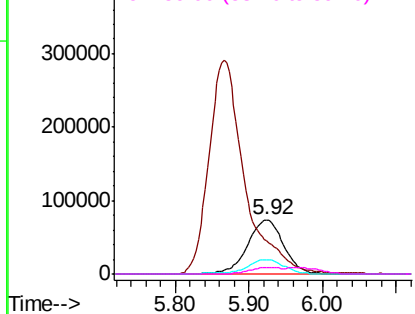
#22

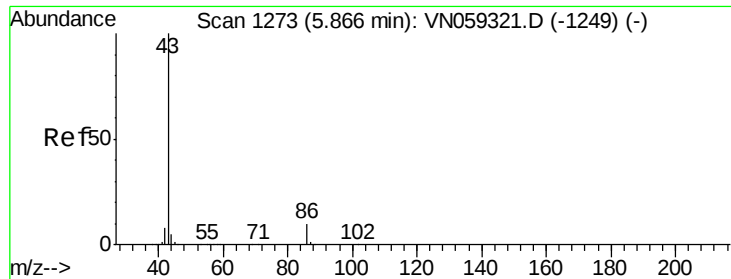
Diisopropyl ether
Concen: 18.515 ug/l
RT: 5.92 min Scan# 1291
Delta R.T. 0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

Tgt Ion: 45 Resp: 251585
Ion Ratio Lower Upper
45 100
43 58.9 47.6 71.4
87 26.8 20.7 31.1
59 12.2 9.4 14.2



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





#23

Vinyl Acetate

Concen: 91.954 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

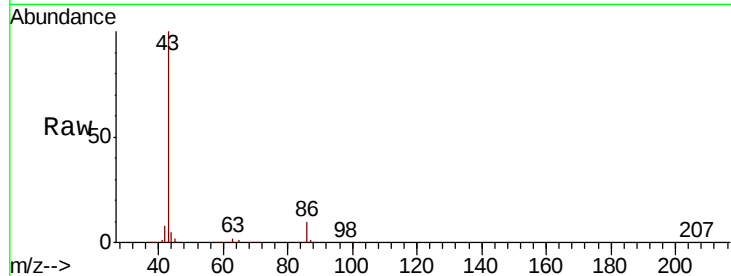
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 982561

Ion Ratio Lower Upper

43 100

86 10.0 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN059321.D (-1249) (-)

Ion 86.00 (85.70 to 86.70): VN059321.D (-1249) (-)

5.87

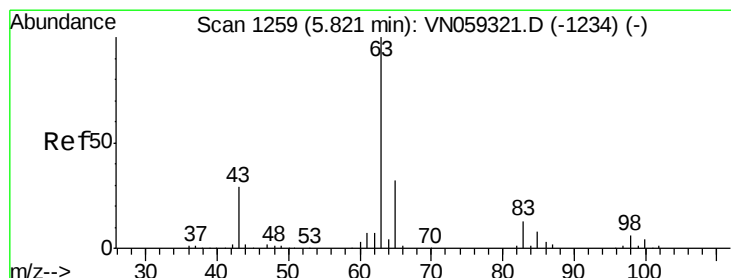
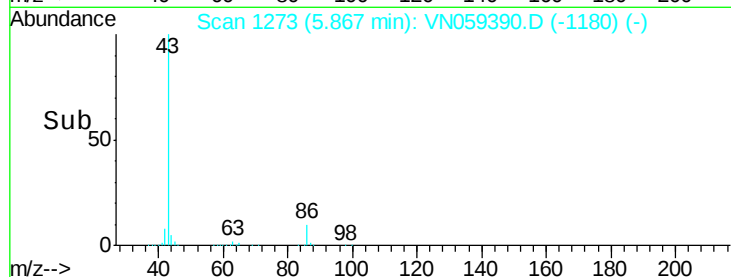
300000

200000

100000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 18.562 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

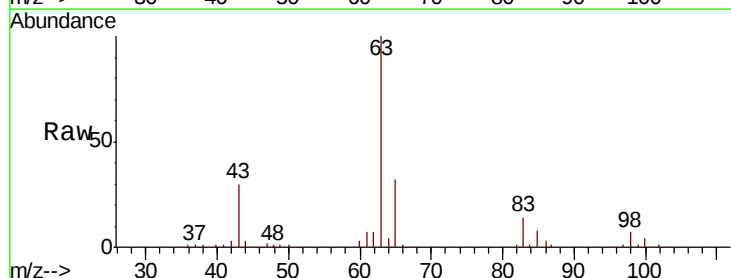
Tgt Ion: 63 Resp: 141971

Ion Ratio Lower Upper

63 100

98 6.8 2.9 8.8

100 3.6 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN059321.D (-1234) (-)

Ion 97.90 (97.60 to 98.60): VN059321.D (-1234) (-)

Ion 99.90 (99.60 to 100.60): VN059321.D (-1234) (-)

5.82

60000

50000

40000

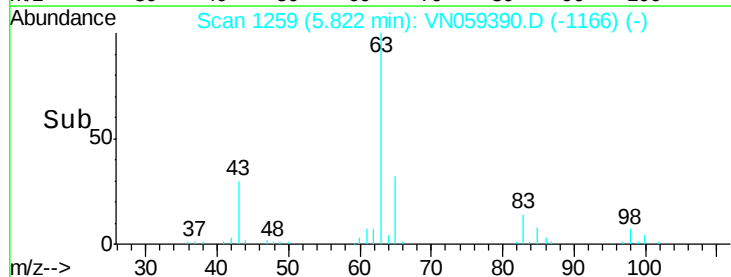
30000

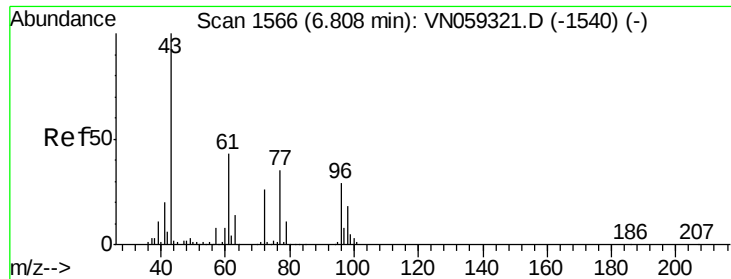
20000

10000

0

Time--> 5.70 5.80 5.90





#25

2-Butanone

Concen: 95.578 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

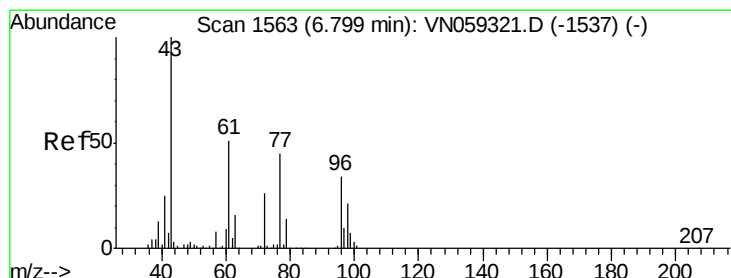
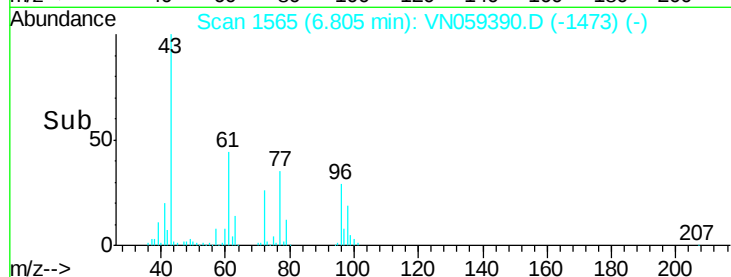
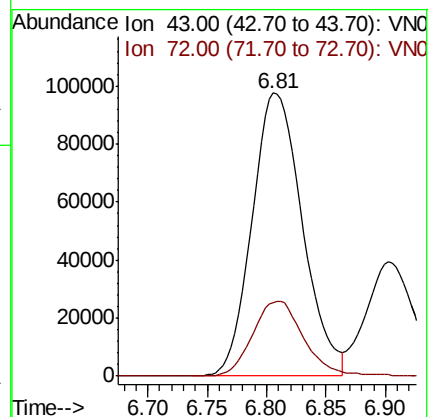
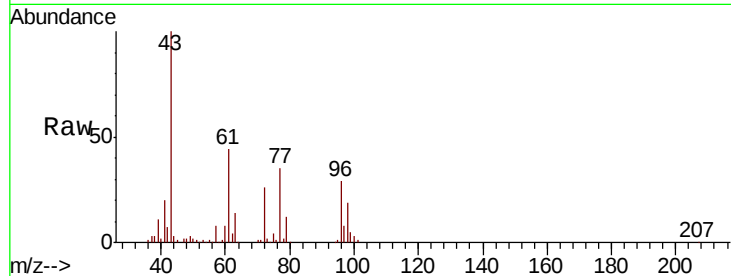
ClientSampled :

Tot Ion: 43 Resp: 286200

Ion Ratio Lower Upper

43 100

72 26.0 20.5 30.7



#26

2,2-Dichloropropane

Concen: 17.862 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059390.D

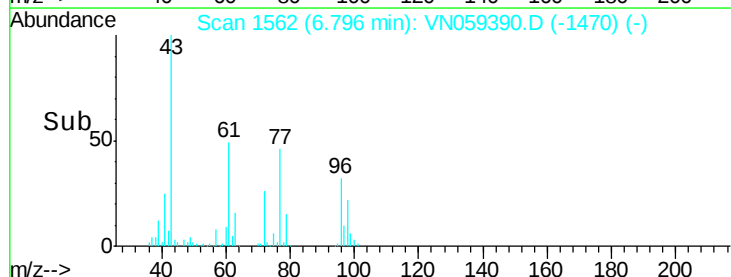
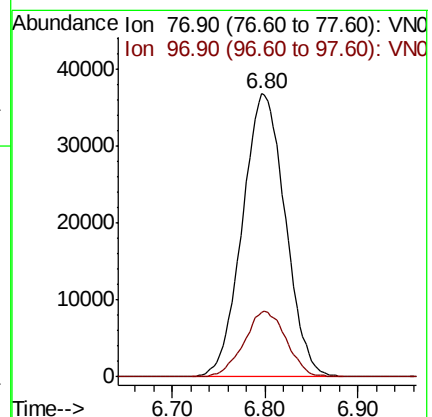
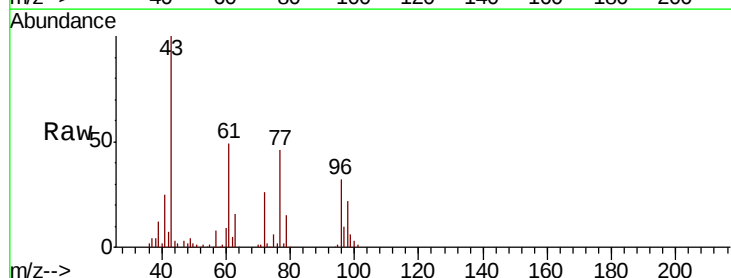
Acq: 25 Nov 2019 18:00

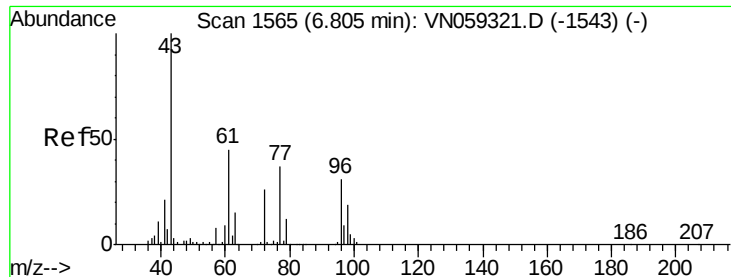
Tgt Ion: 77 Resp: 118291

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 18.087 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :
MSVOA_N
ClientSampled :

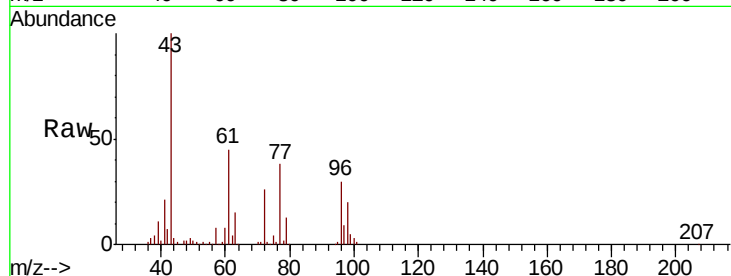
Tot Ion: 96 Resp: 83553

Ion Ratio Lower Upper

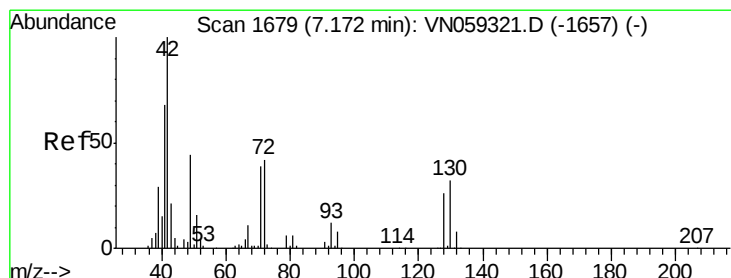
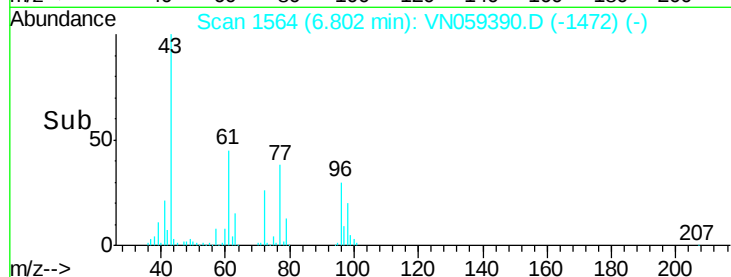
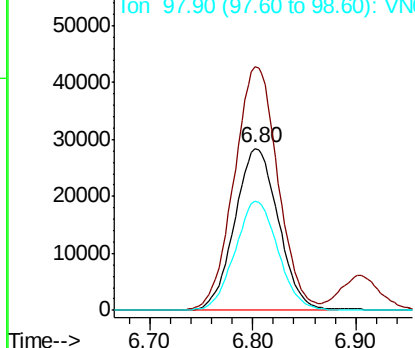
96 100

61 151.2 0.0 304.0

98 66.4 0.0 128.4



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



#28

Bromochloromethane

Concen: 21.754 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

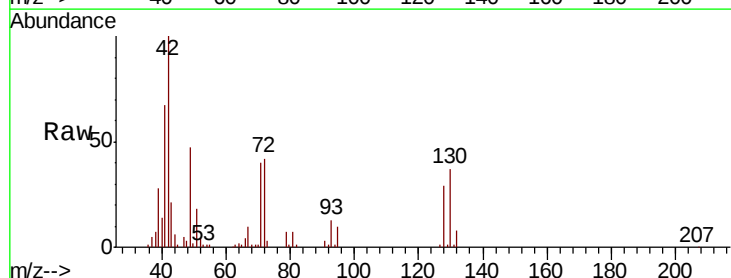
Tgt Ion: 49 Resp: 63430

Ion Ratio Lower Upper

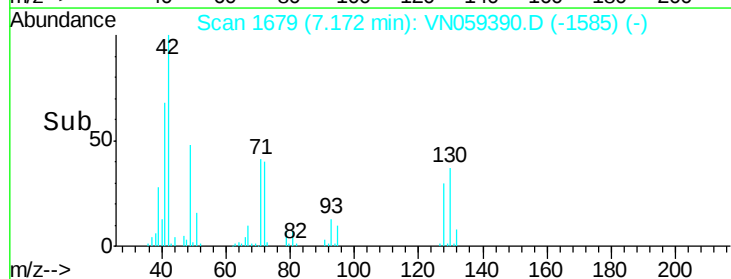
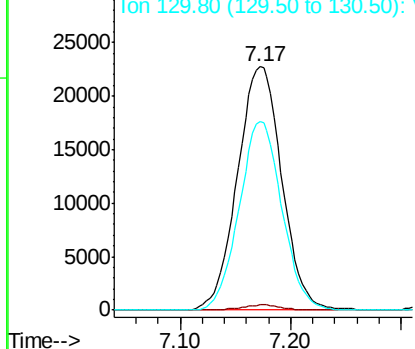
49 100

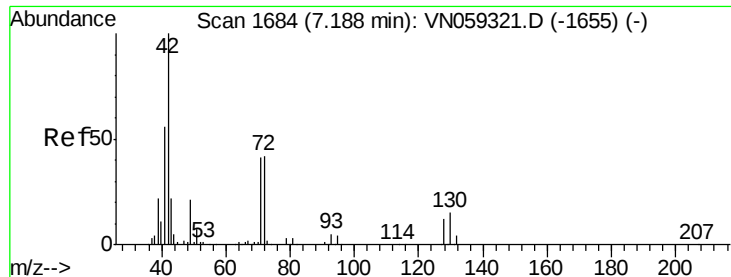
129 1.7 0.0 3.8

130 74.7 57.0 85.6



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

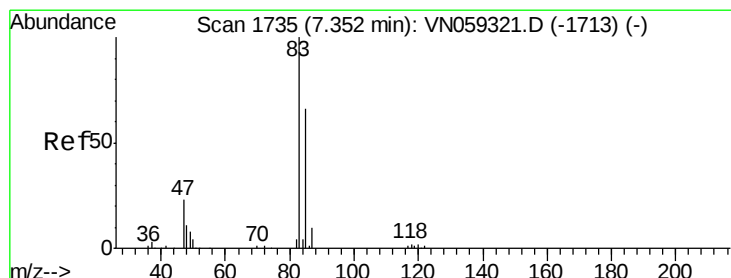
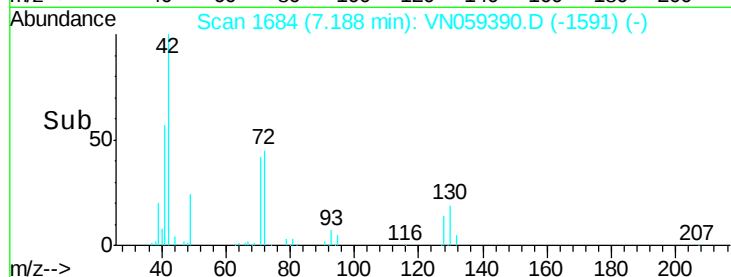
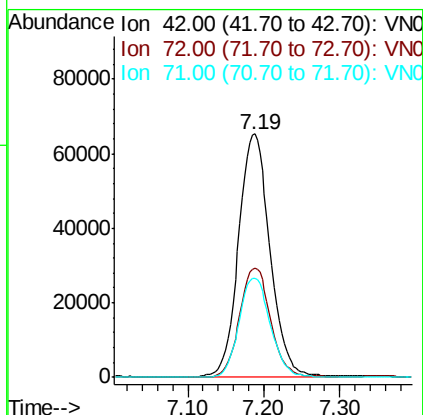
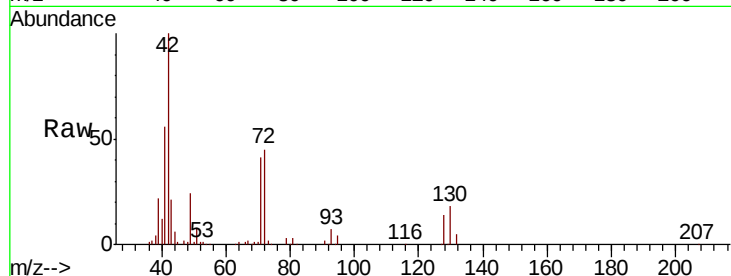




#29
Tetrahydrofuran
Concen: 91.039 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

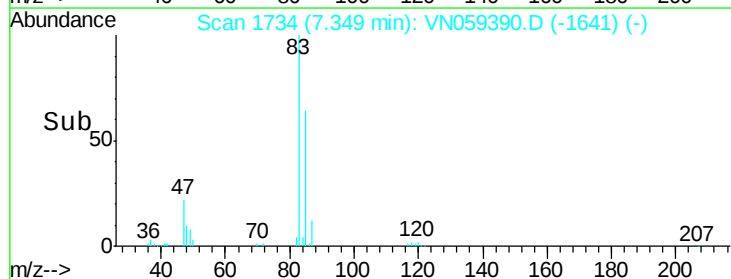
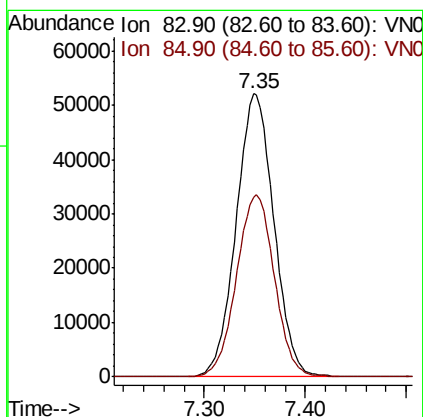
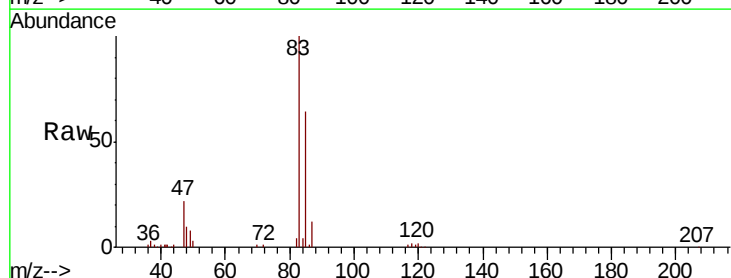
Instrument :
MSVOA_N
ClientSampled :

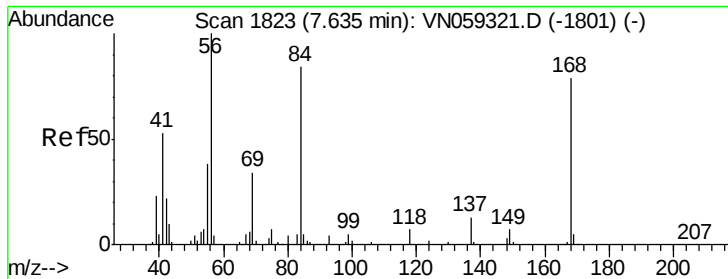
Tot Ion: 42 Resp: 188498
Ion Ratio Lower Upper
42 100
72 44.3 34.2 51.2
71 40.6 32.6 48.8



#30
Chloroform
Concen: 18.123 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

Tgt Ion: 83 Resp: 135158
Ion Ratio Lower Upper
83 100
85 63.6 52.7 79.1

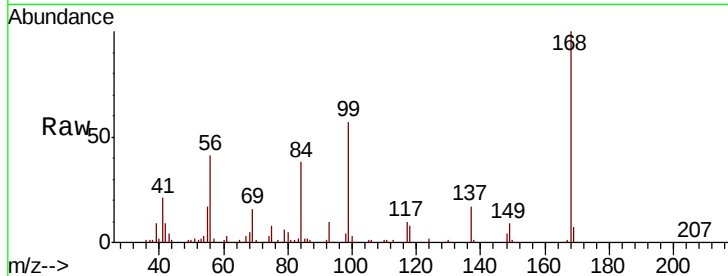




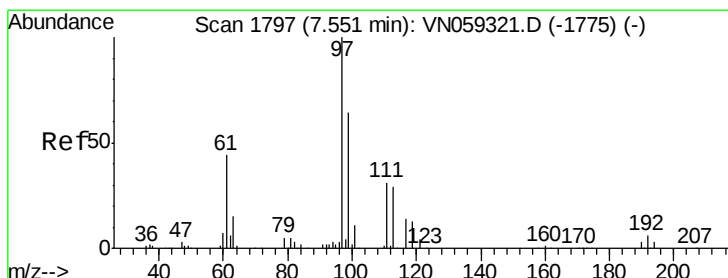
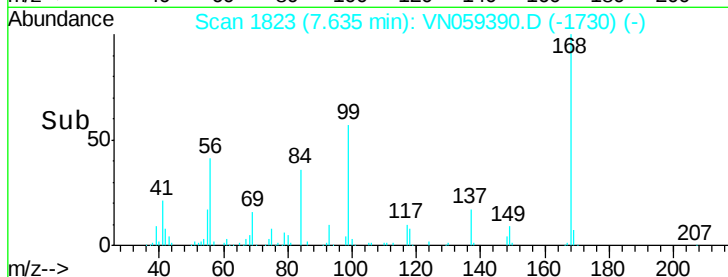
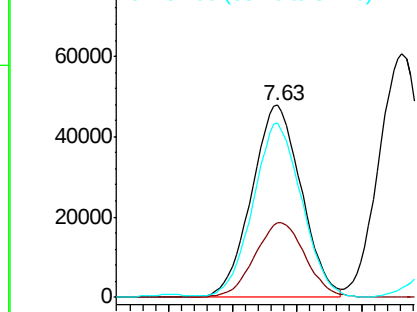
#31
Cyclohexane
Concen: 16.947 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 128156
Ion Ratio Lower Upper
56 100
69 38.8 26.6 40.0
84 89.6 67.0 100.4

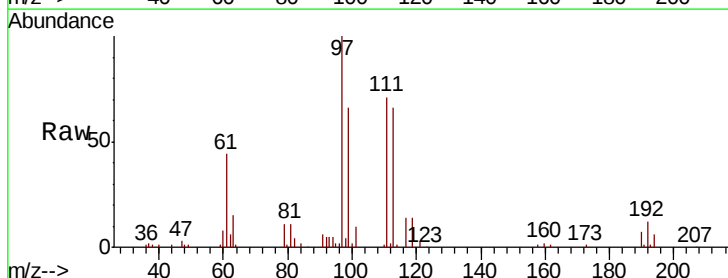


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

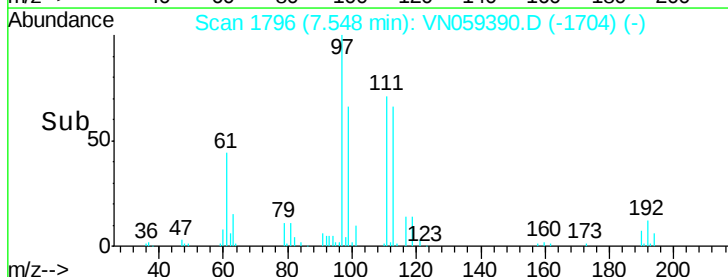
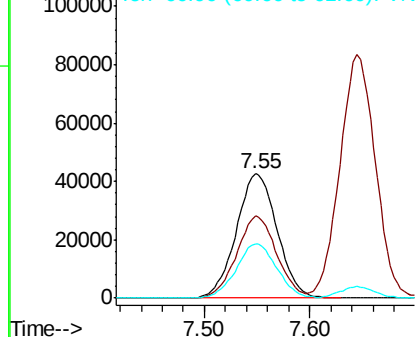


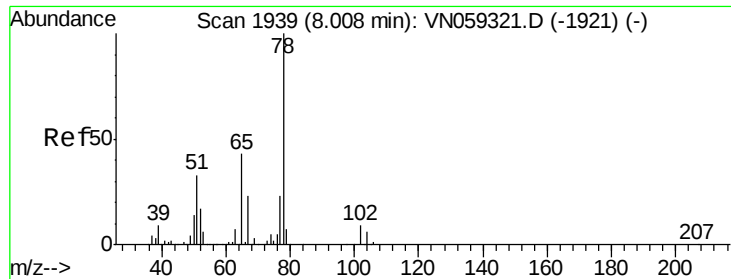
#32
1,1,1-Trichloroethane
Concen: 17.919 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

Tgt Ion: 97 Resp: 114272
Ion Ratio Lower Upper
97 100
99 64.8 51.3 76.9
61 43.7 35.3 52.9



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

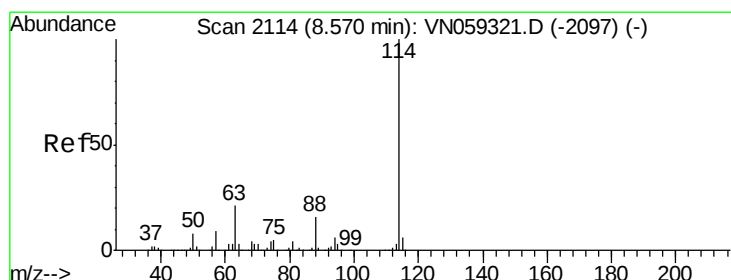
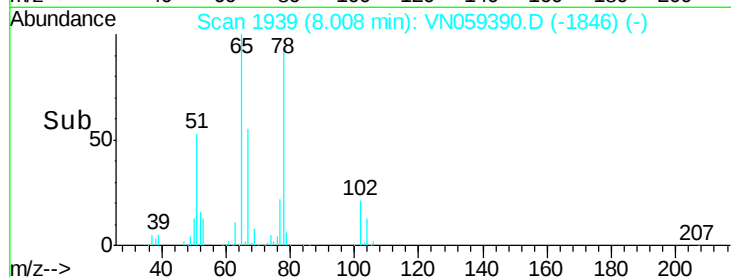
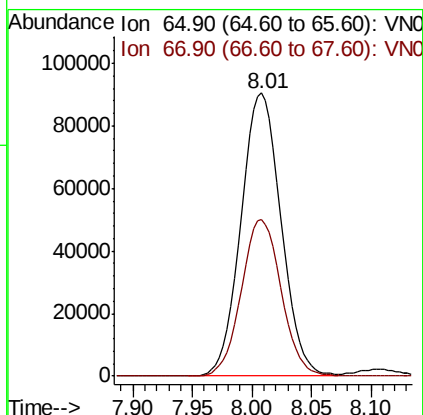
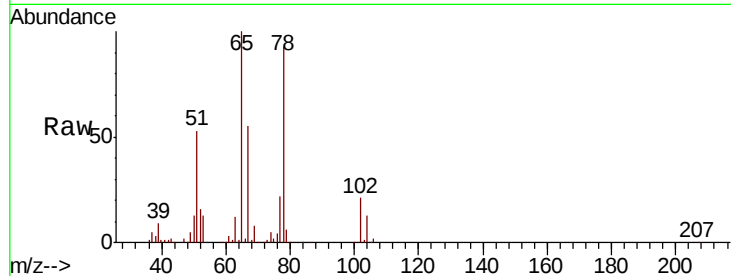




#33
 1,2-Dichloroethane-d4
 Concen: 49.236 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059390.D
 Acq: 25 Nov 2019 18:00

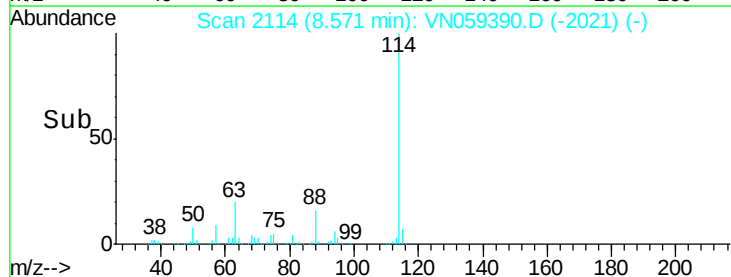
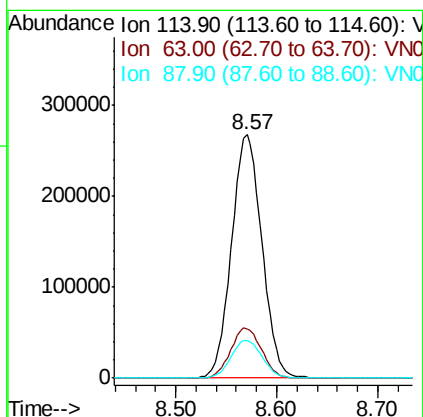
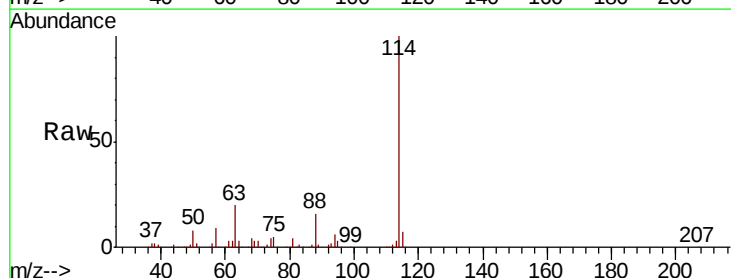
Instrument :
 MSVOA_N
 ClientSampled :

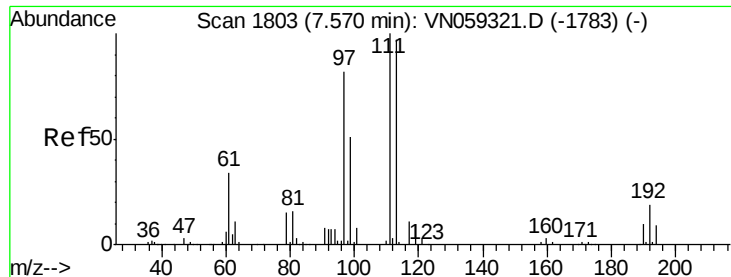
Tot Ion: 65 Resp: 211453
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059390.D
 Acq: 25 Nov 2019 18:00

Tgt Ion: 114 Resp: 560498
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 42.2
 88 15.6 0.0 32.2





#35

Dibromofluoromethane

Concen: 51.026 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :
MSVOA_N
ClientSampleId :

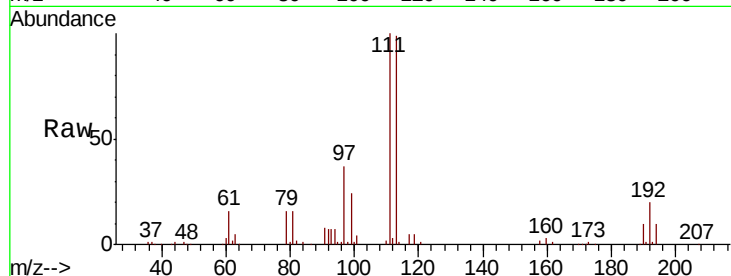
Tot Ion:113 Resp: 171582

Ion Ratio Lower Upper

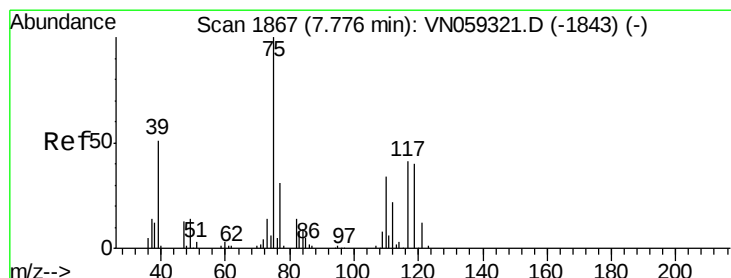
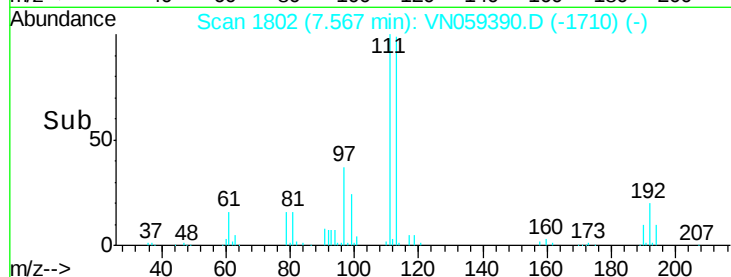
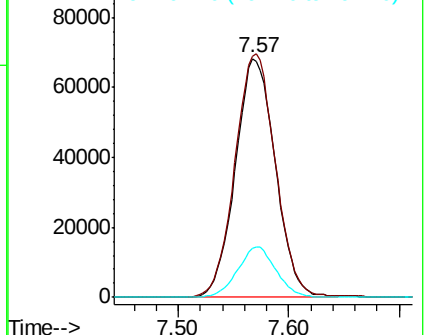
113 100

111 103.4 82.7 124.1

192 20.2 16.3 24.5



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



#36

1,1-Dichloropropene

Concen: 18.009 ug/l

RT: 7.77 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

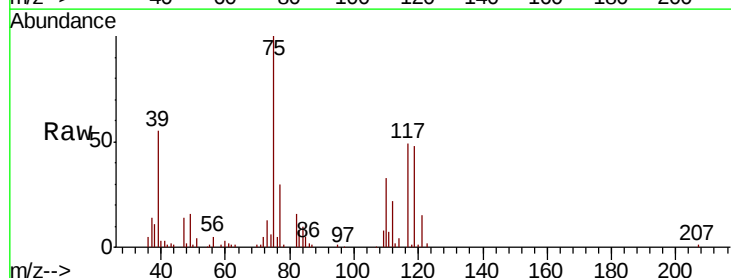
Tgt Ion: 75 Resp: 104205

Ion Ratio Lower Upper

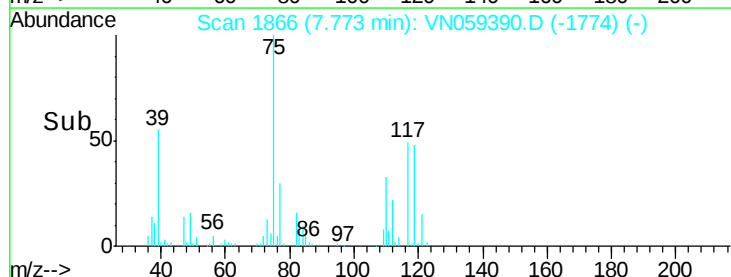
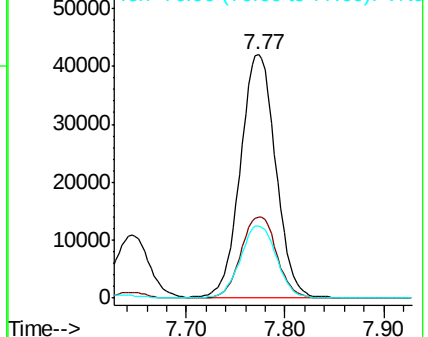
75 100

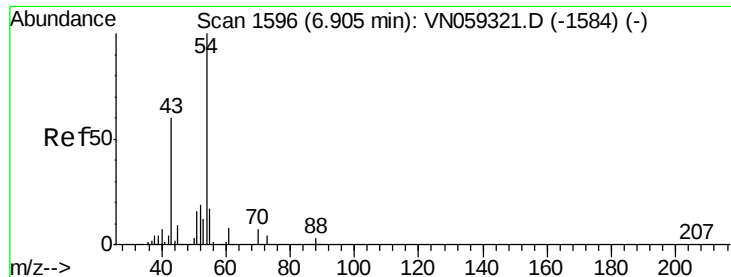
110 33.6 17.0 51.0

77 30.4 24.8 37.2



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

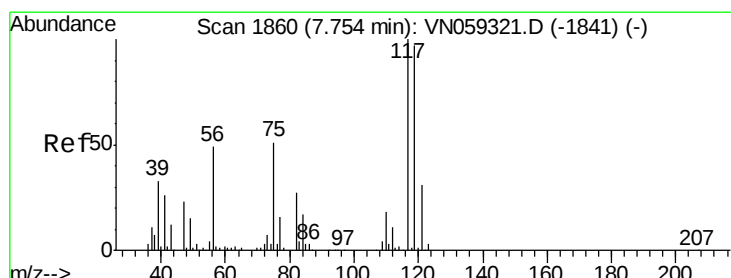
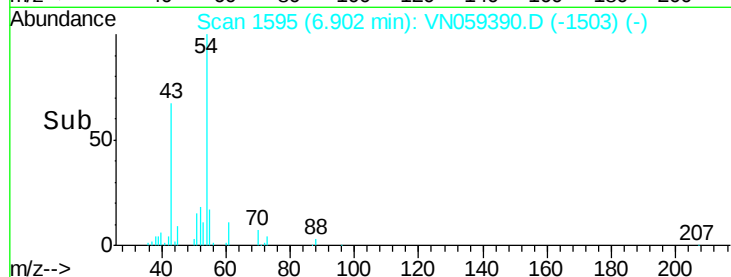
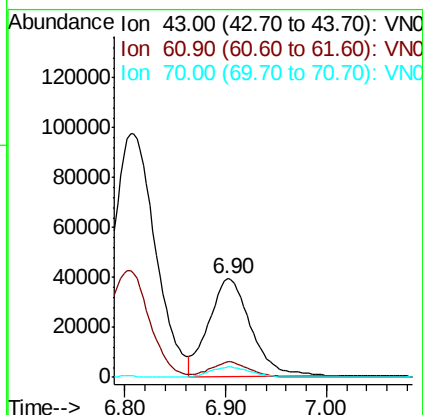
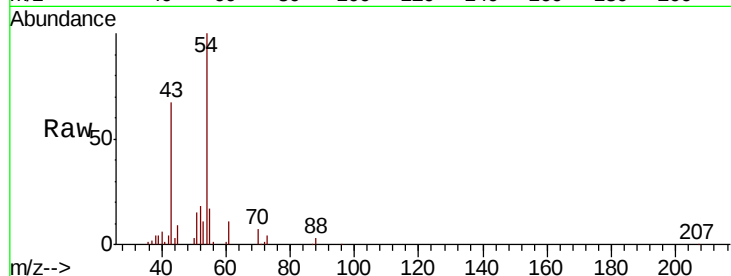




#37
Ethyl Acetate
Concen: 18.398 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

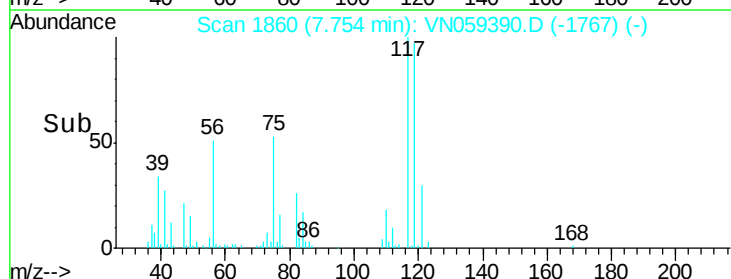
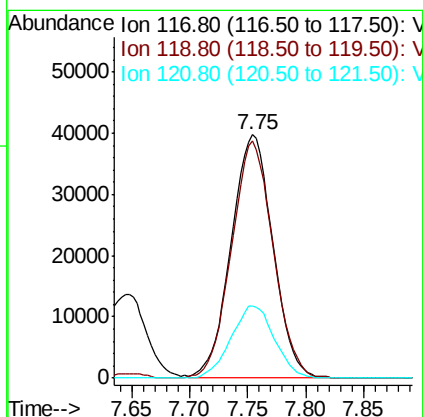
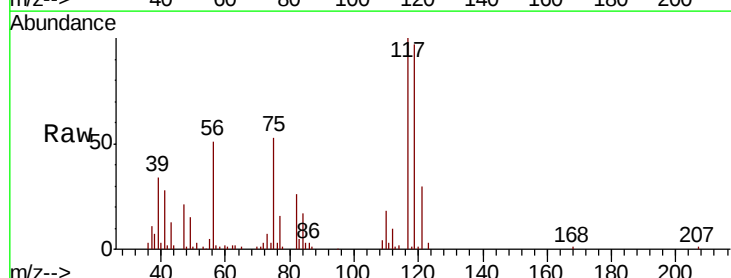
Instrument :
MSVOA_N
ClientSampled :

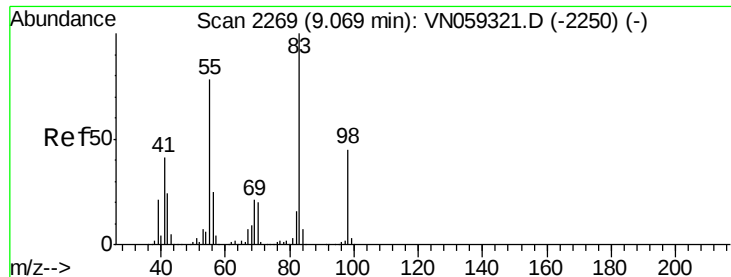
Tot Ion: 43 Resp: 114411
Ion Ratio Lower Upper
43 100
61 14.6 11.0 16.6
70 10.2 8.8 13.2



#38
Carbon Tetrachloride
Concen: 17.970 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

Tgt Ion: 117 Resp: 99541
Ion Ratio Lower Upper
117 100
119 97.3 77.0 115.4
121 29.8 24.4 36.6

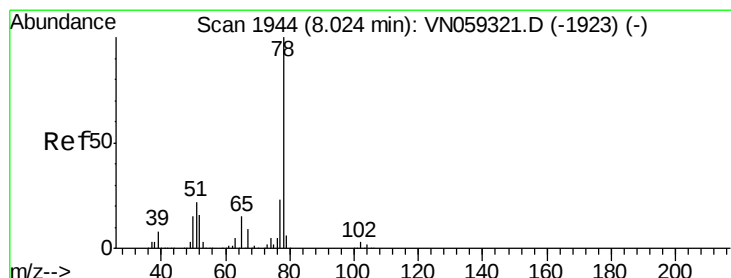
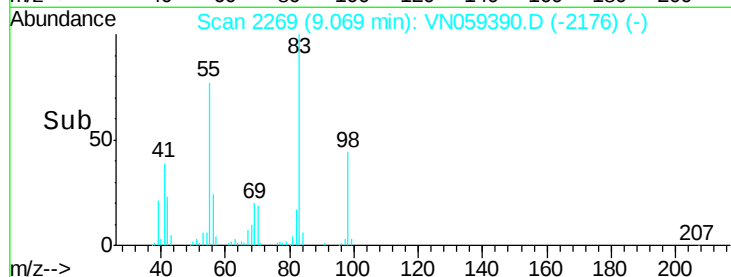
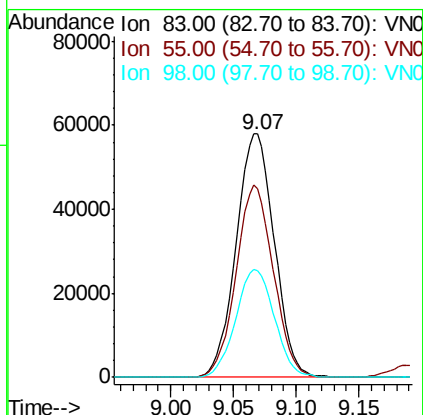
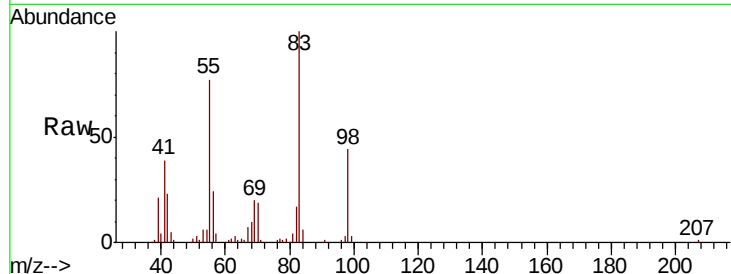




#39
Methvlcvclohexane
Concen: 17.580 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

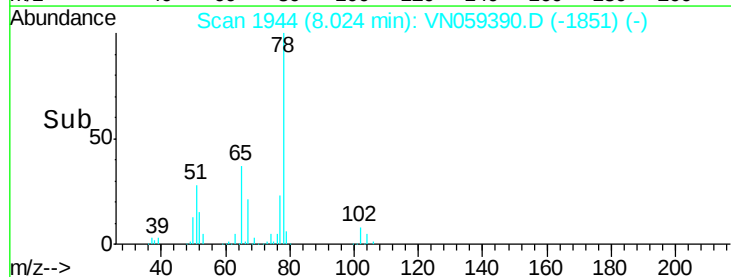
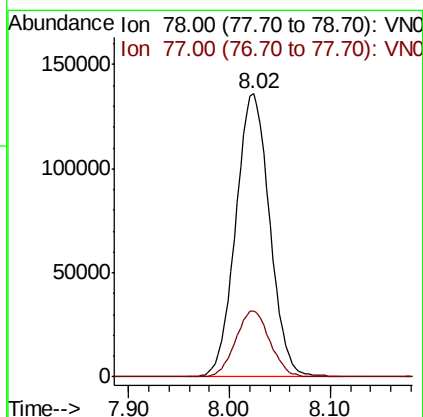
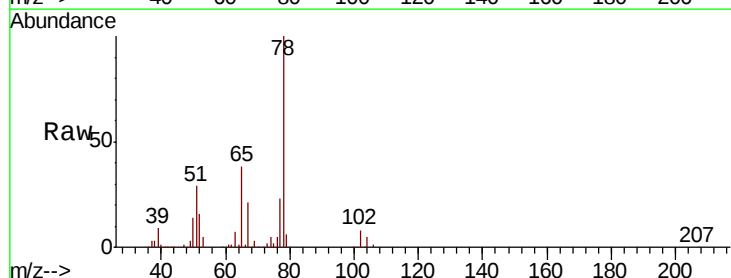
Instrument :
MSVOA_N
ClientSampleId :

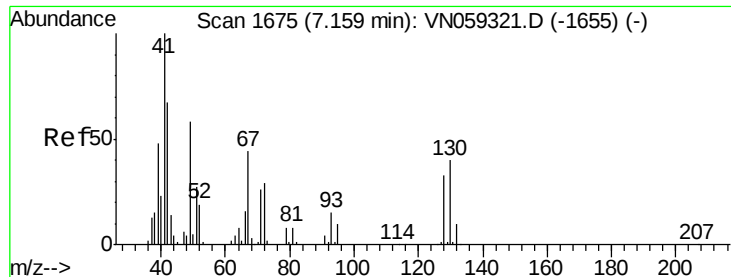
Tot Ion: 83 Resp: 122666
Ion Ratio Lower Upper
83 100
55 77.3 62.3 93.5
98 43.7 36.0 54.0



#40
Benzene
Concen: 18.681 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

Tgt Ion: 78 Resp: 317252
Ion Ratio Lower Upper
78 100
77 23.4 18.4 27.6

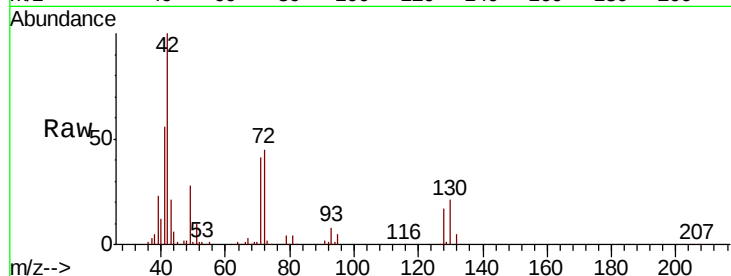




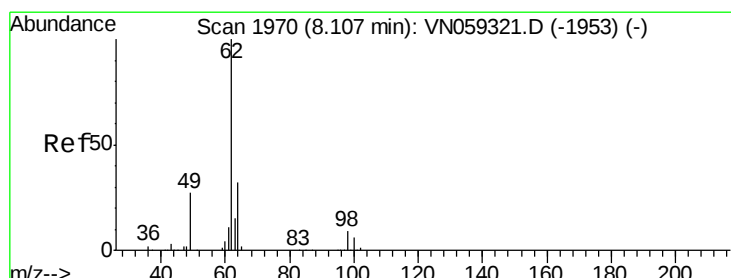
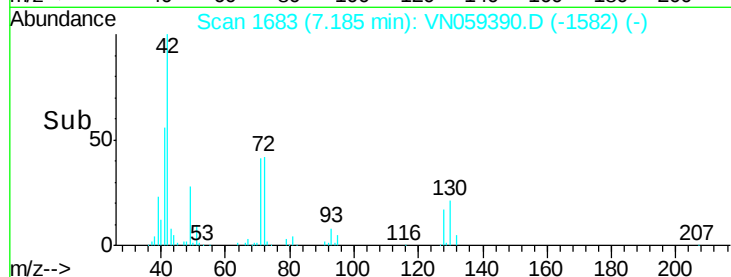
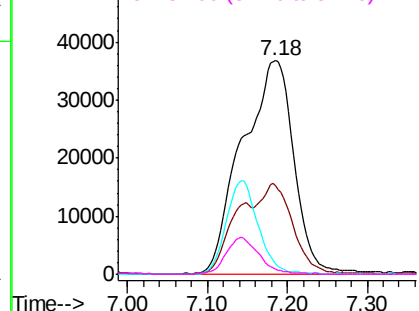
#41
Methacrylonitrile
Concen: 58.872 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.03 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	162523
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

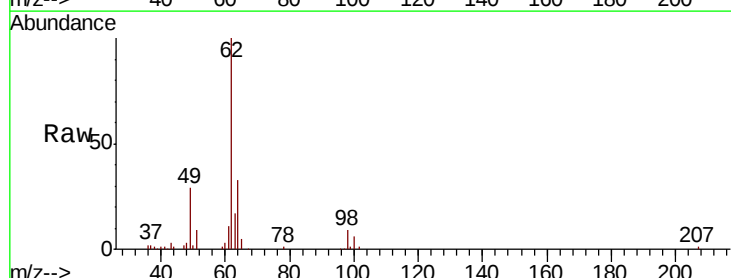


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

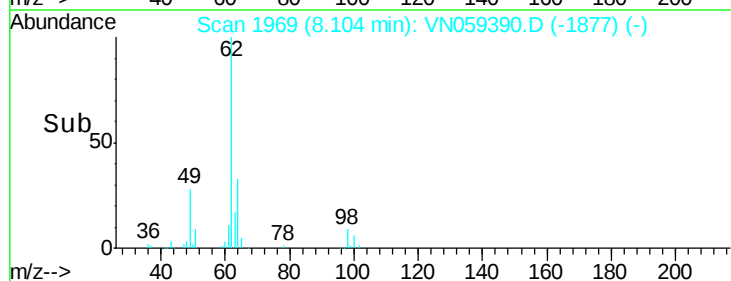
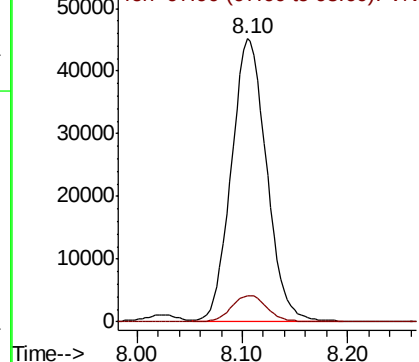


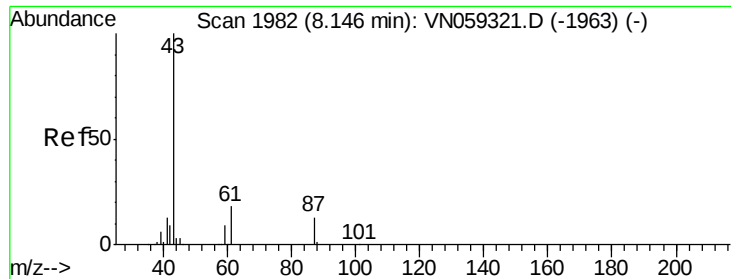
#42
1,2-Dichloroethane
Concen: 18.654 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

Tgt Ion:	62	Resp:	104775
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.6



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





#43

Isopropyl Acetate

Concen: 18.267 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

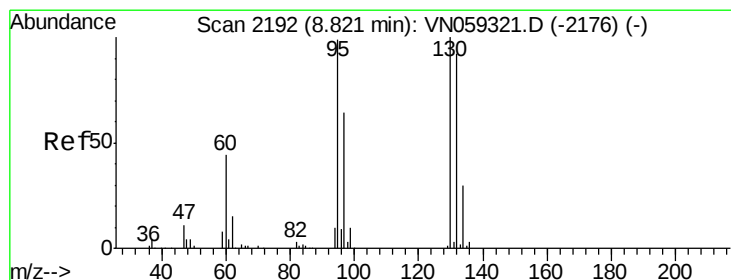
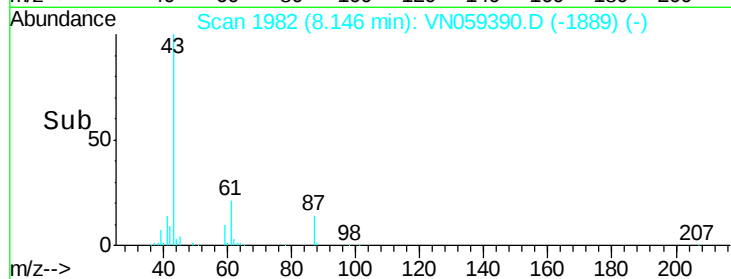
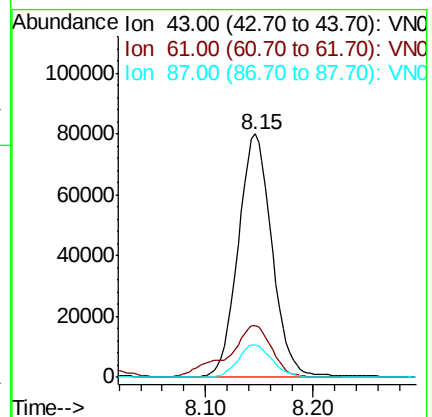
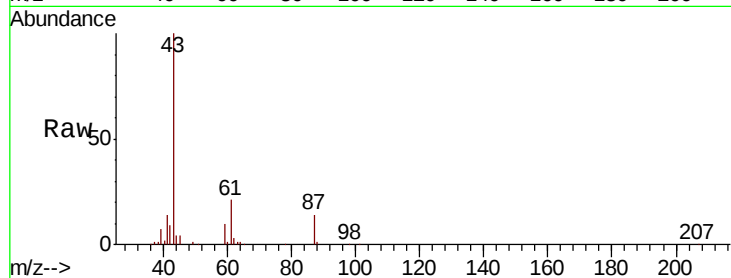
Tot Ion: 43 Resp: 173608

Ion Ratio Lower Upper

43 100

61 27.8 21.7 32.5

87 13.6 10.2 15.4



#44

Trichloroethene

Concen: 18.487 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VN059390.D

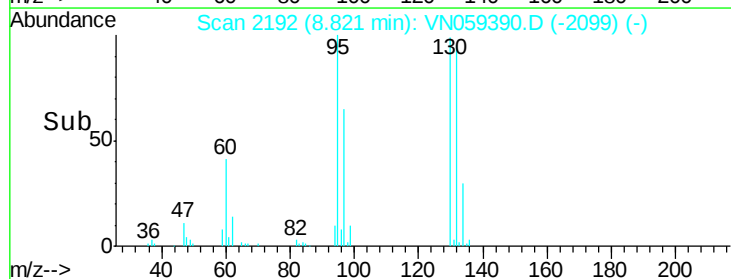
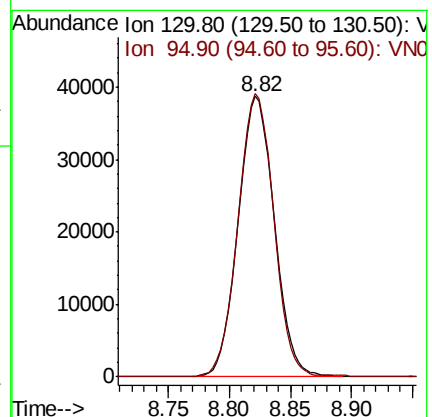
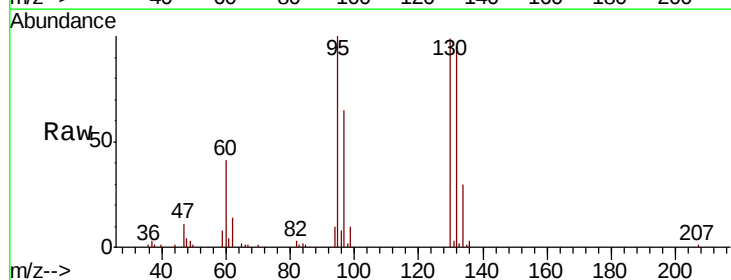
Acq: 25 Nov 2019 18:00

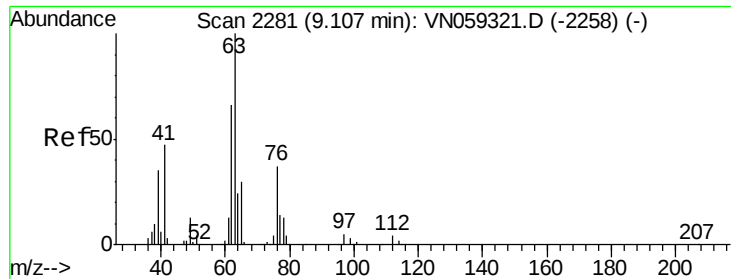
Tgt Ion:130 Resp: 79568

Ion Ratio Lower Upper

130 100

95 100.9 0.0 198.4





#45

1,2-Dichloropropane

Concen: 18.660 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. -0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

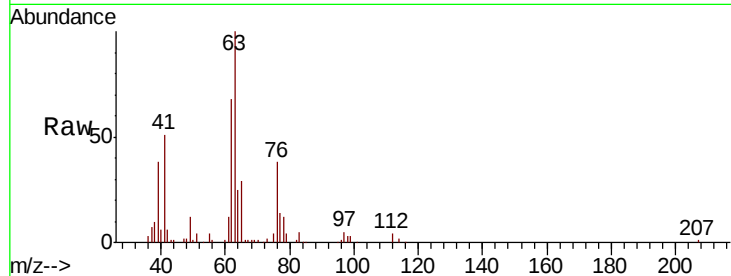
ClientSampleId :

Tot Ion: 63 Resp: 84503

Ion Ratio Lower Upper

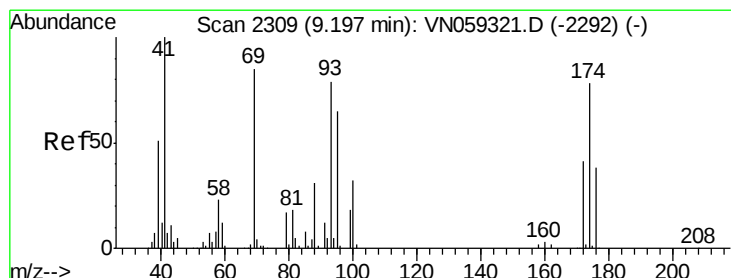
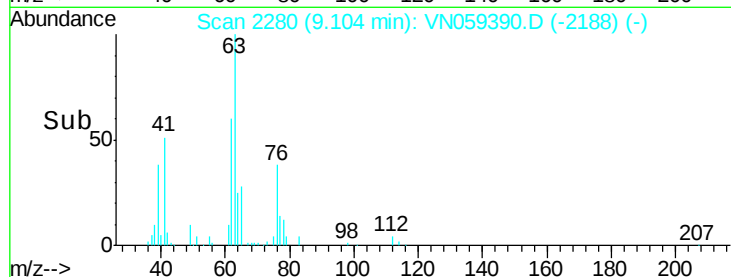
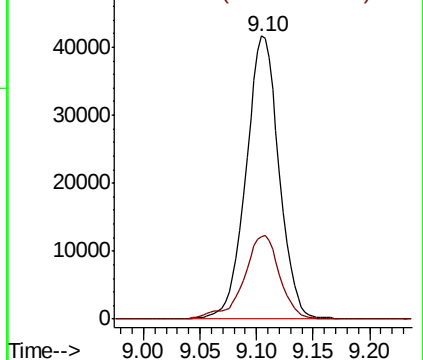
63 100

65 29.3 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 18.612 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. -0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

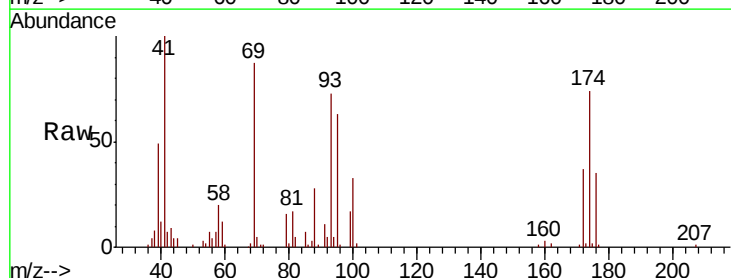
Tgt Ion: 93 Resp: 51699

Ion Ratio Lower Upper

93 100

95 83.7 66.9 100.3

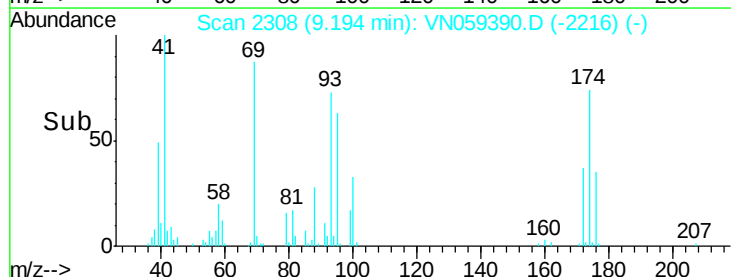
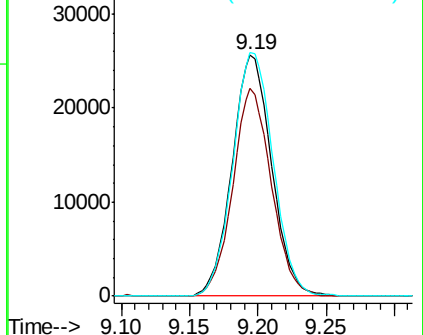
174 103.1 80.6 120.8

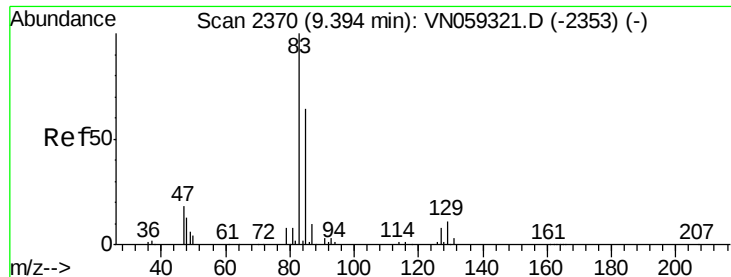


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.922 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

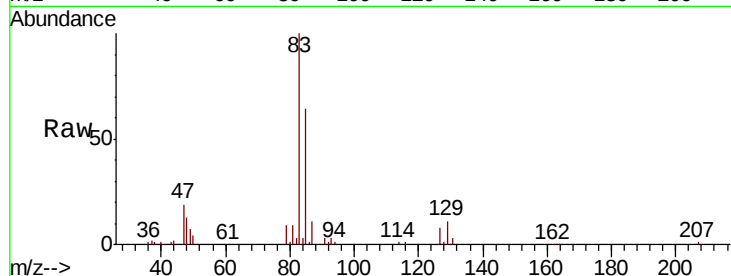
Tot Ion: 83 Resp: 105261

Ion Ratio Lower Upper

83 100

85 64.3 51.5 77.3

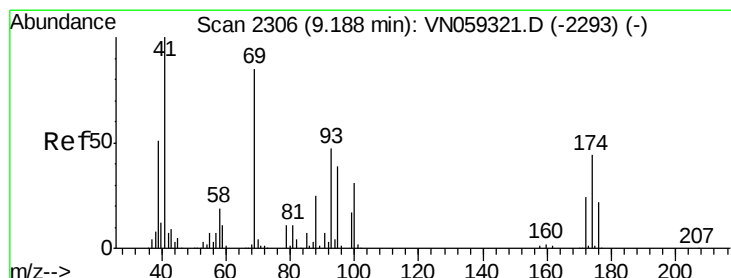
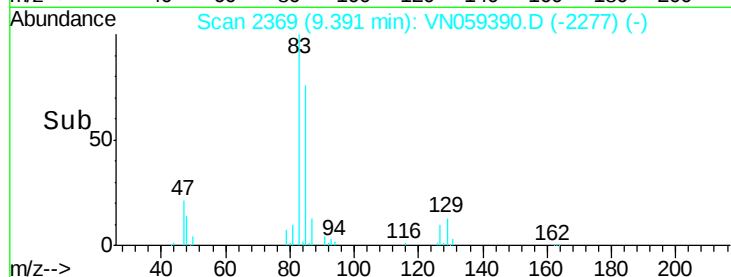
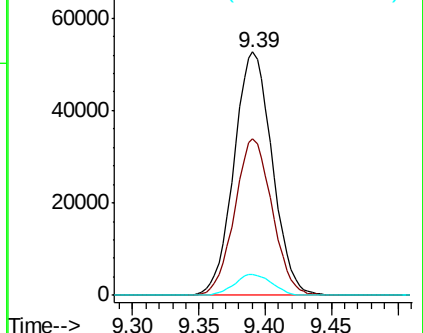
127 8.4 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VN059390.D (-2277) (-)

Ion 84.90 (84.60 to 85.60): VN059390.D (-2277) (-)

Ion 126.80 (126.50 to 127.50): VN059390.D (-2277) (-)



#48

Methyl methacrylate

Concen: 17.614 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

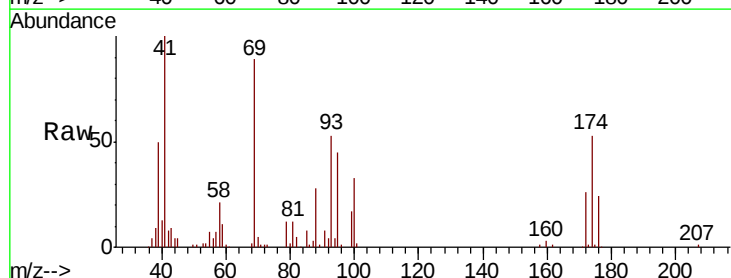
Tgt Ion: 41 Resp: 76126

Ion Ratio Lower Upper

41 100

69 90.8 68.8 103.2

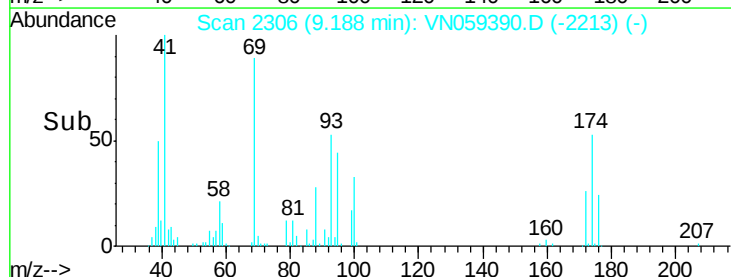
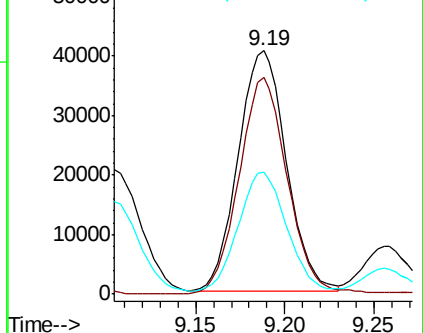
39 51.7 42.1 63.1

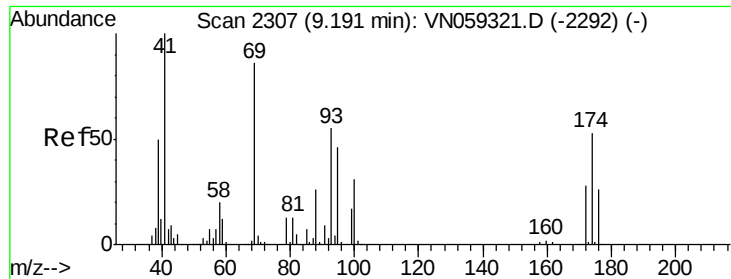


Abundance Ion 41.00 (40.70 to 41.70): VN059390.D (-2213) (-)

Ion 69.00 (68.70 to 69.70): VN059390.D (-2213) (-)

Ion 39.00 (38.70 to 39.70): VN059390.D (-2213) (-)

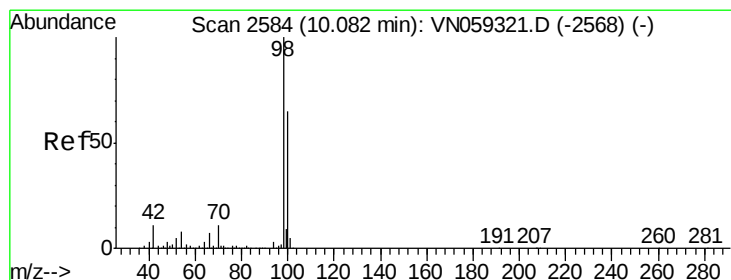
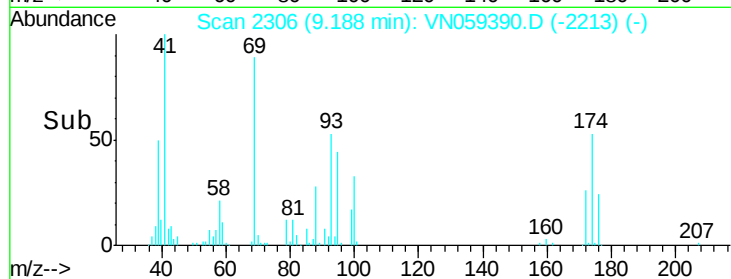
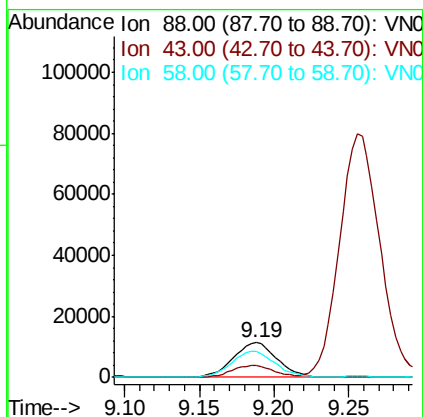
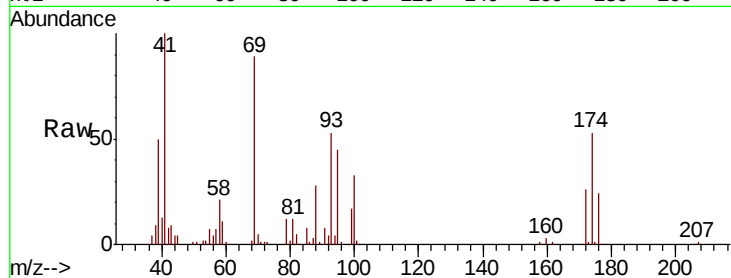




#49
1,4-Dioxane
Concen: 358.637 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

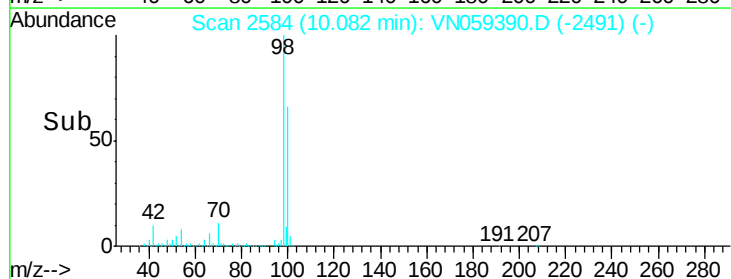
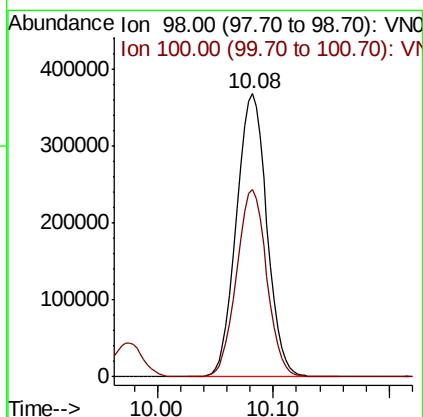
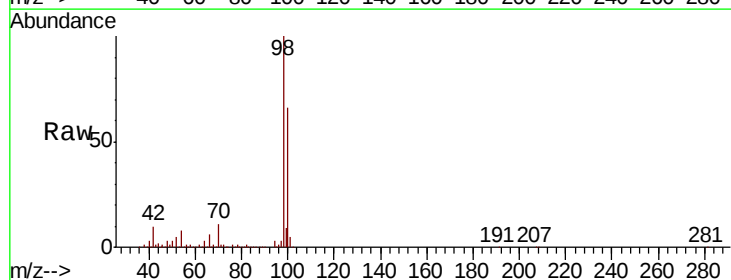
Instrument :
MSVOA_N
ClientSampled :

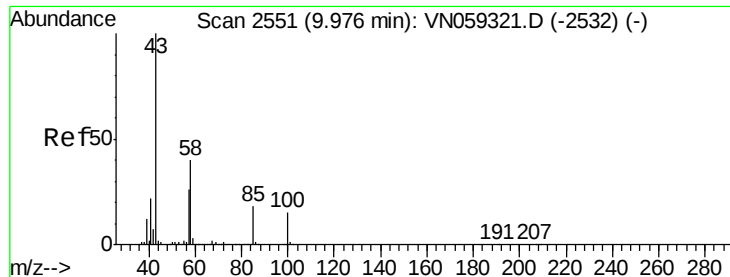
Tot Ion: 88 Resp: 23295
Ion Ratio Lower Upper
88 100
43 33.3 26.9 40.3
58 75.1 59.2 88.8



#50
Toluene-d8
Concen: 50.146 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

Tgt Ion: 98 Resp: 670361
Ion Ratio Lower Upper
98 100
100 65.5 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 97.638 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

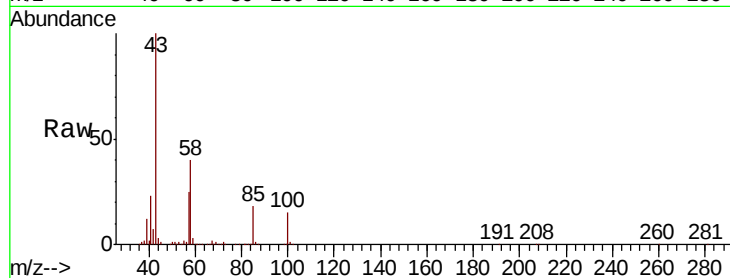
ClientSampled :

Tot Ion: 43 Resp: 543149

Ion Ratio Lower Upper

43 100

58 40.0 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.97

300000

200000

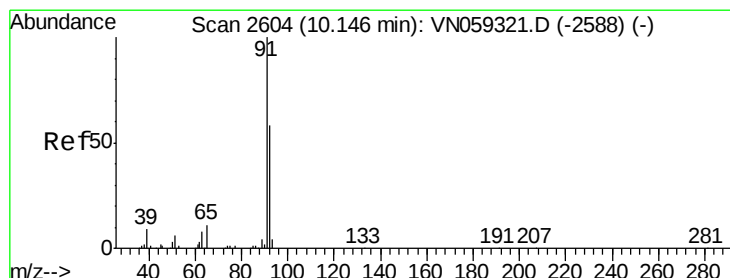
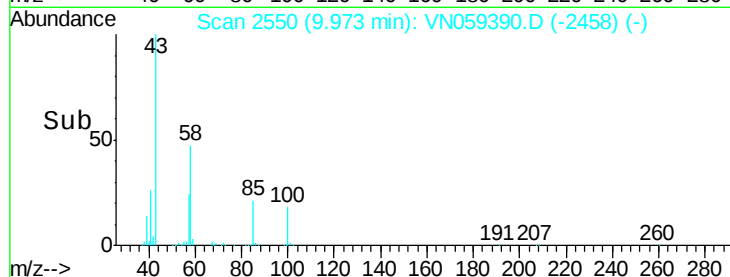
100000

0

Time-->

9.90

10.00



#52

Toluene

Concen: 18.674 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059390.D

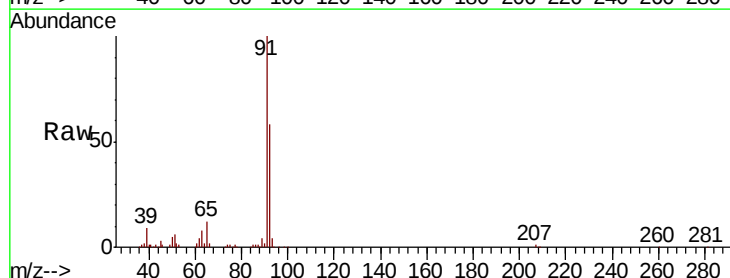
Acq: 25 Nov 2019 18:00

Tgt Ion: 92 Resp: 190694

Ion Ratio Lower Upper

92 100

91 172.2 137.9 206.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

200000

150000

100000

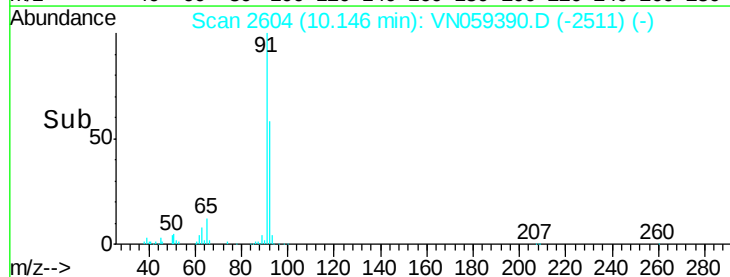
50000

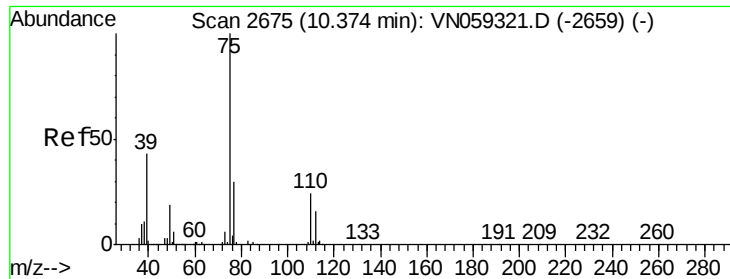
0

Time-->

10.10

10.20





#53

t-1,3-Dichloropropene

Concen: 18.623 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

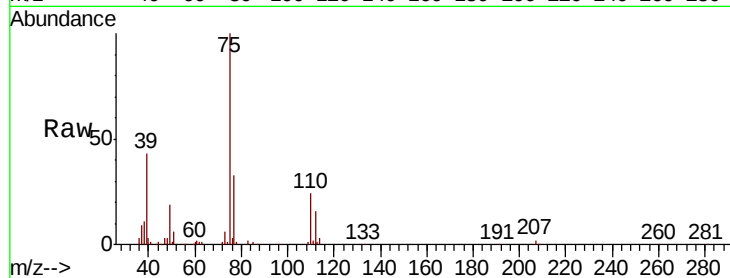
ClientSampleId :

Tot Ion: 75 Resp: 120430

Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3

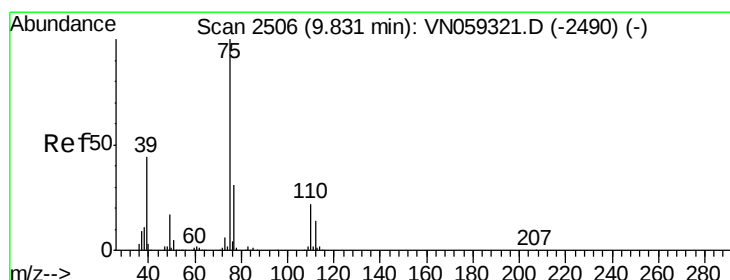
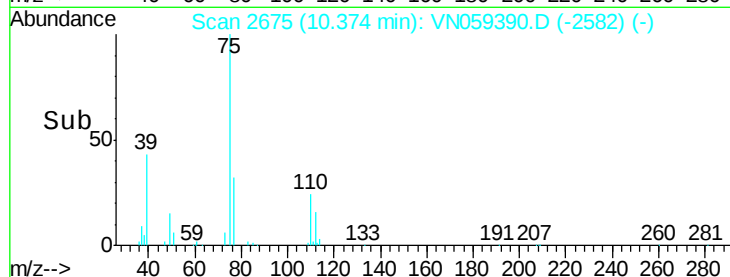


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.37

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.808 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

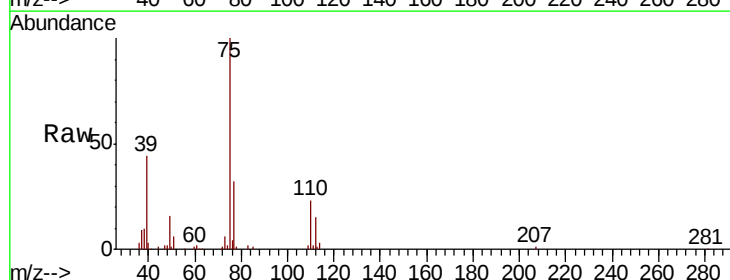
Tgt Ion: 75 Resp: 131983

Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.4

39 43.9 35.5 53.3



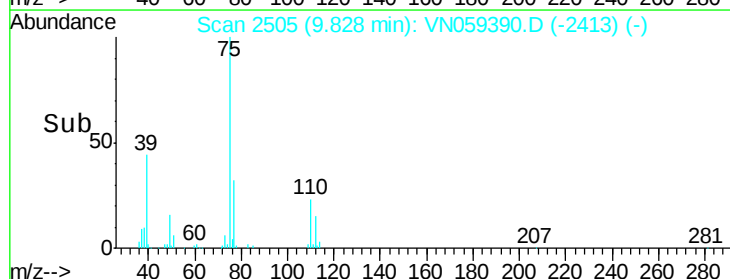
Abundance Ion 74.90 (74.60 to 75.60): VN0

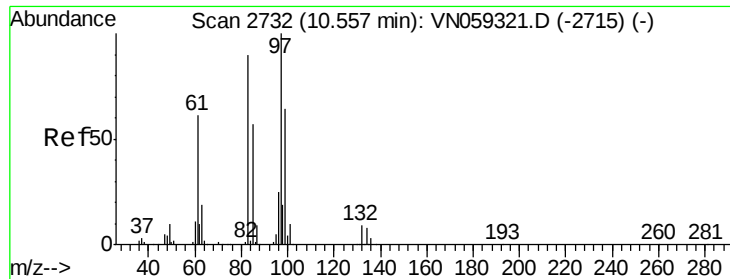
Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.83

Time-->

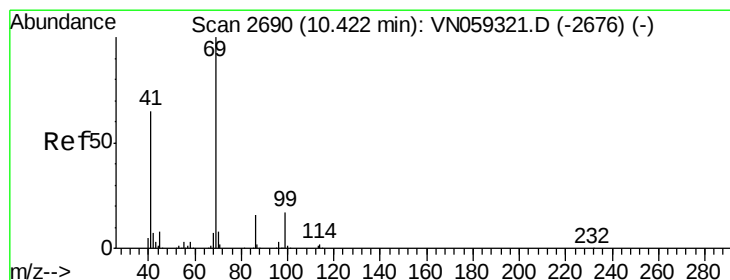
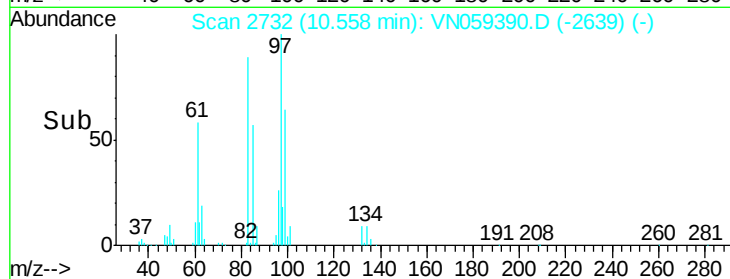
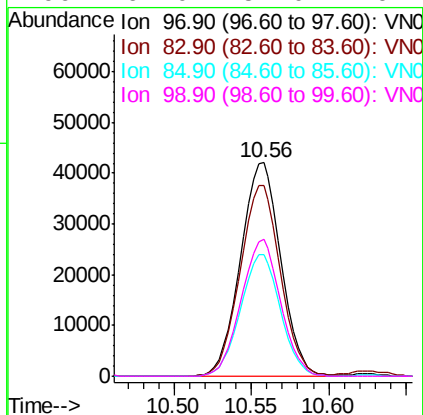
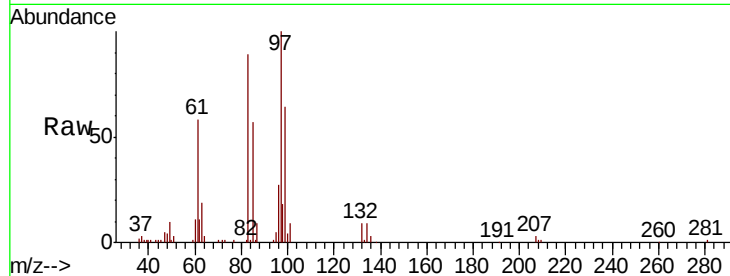




#55
 1,1,2-Trichloroethane
 Concen: 19.254 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: VN059390.D
 Acq: 25 Nov 2019 18:00

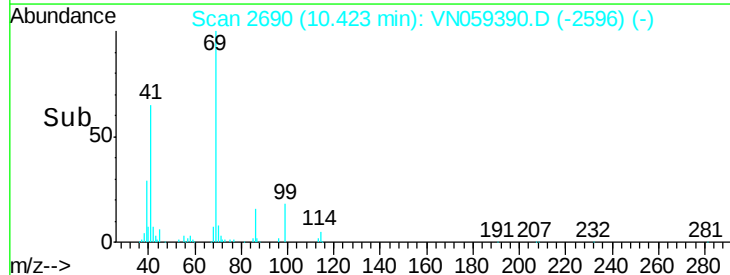
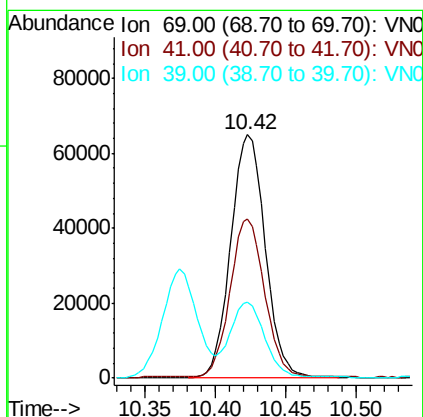
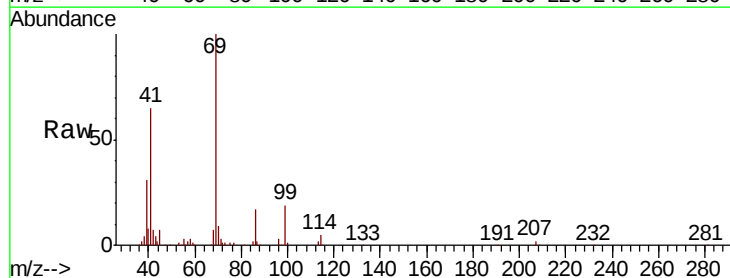
Instrument :
 MSVOA_N
 ClientSampleId :

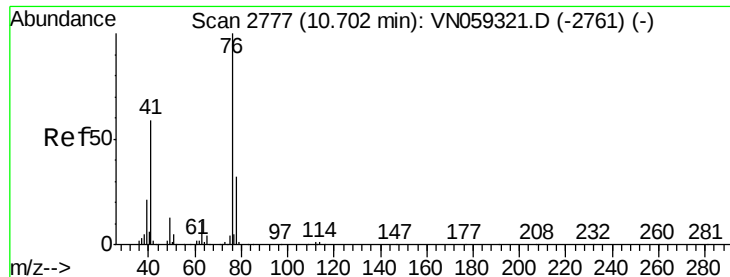
Tot Ion: 97 Resp: 76445
 Ion Ratio Lower Upper
 97 100
 83 89.3 72.0 108.0
 85 57.1 45.8 68.6
 99 64.0 51.0 76.4



#56
 Ethyl methacrylate
 Concen: 18.140 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059390.D
 Acq: 25 Nov 2019 18:00

Tgt Ion: 69 Resp: 111843
 Ion Ratio Lower Upper
 69 100
 41 64.4 51.7 77.5
 39 30.6 25.2 37.8





#57

1,3-Dichloropropane

Concen: 19.012 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

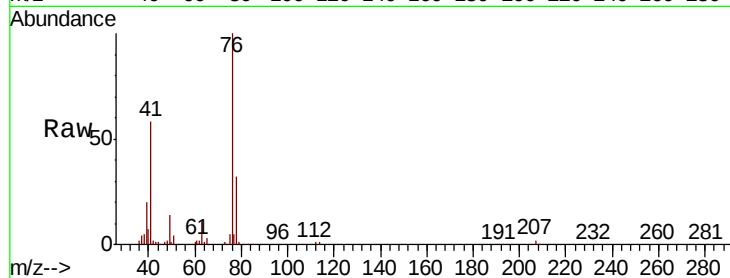
ClientSampled :

Tot Ion: 76 Resp: 131564

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.70

80000

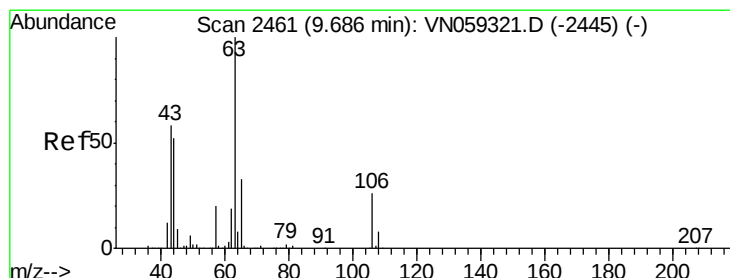
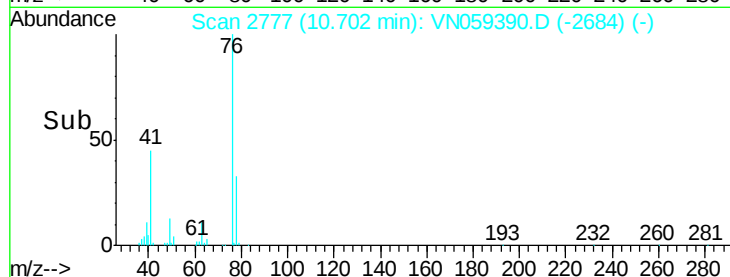
60000

40000

20000

0

Time--> 10.60 10.65 10.70 10.75



#58

2-Chloroethyl Vinyl ether

Concen: 86.747 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN059390.D

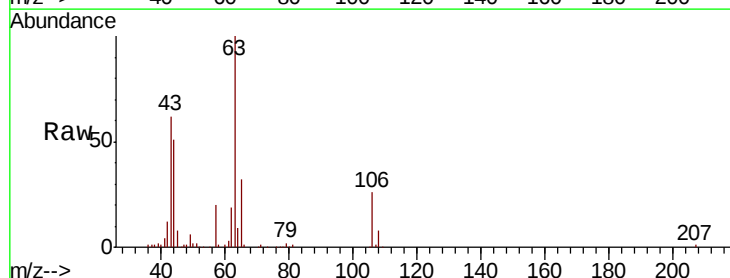
Acq: 25 Nov 2019 18:00

Tgt Ion: 63 Resp: 173216

Ion Ratio Lower Upper

63 100

106 26.0 20.5 30.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.69

100000

80000

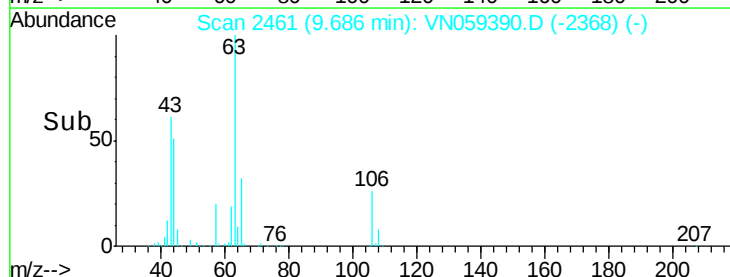
60000

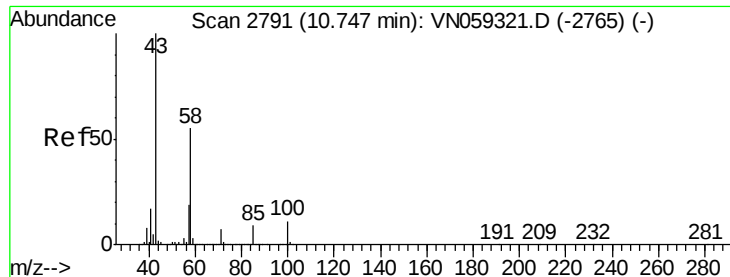
40000

20000

0

Time--> 9.60 9.65 9.70 9.75 9.80

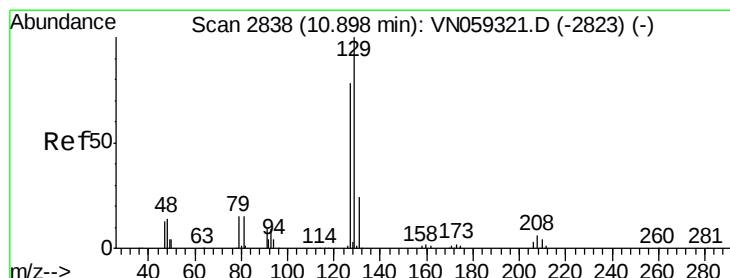
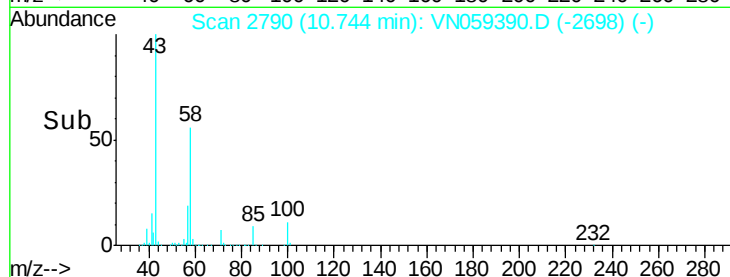
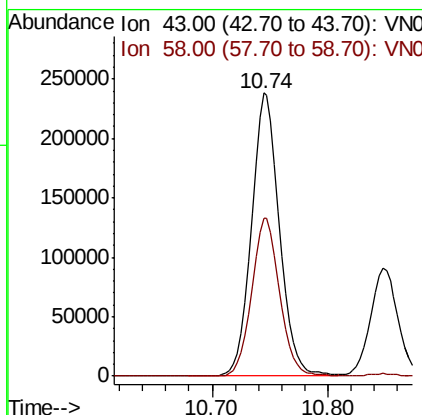
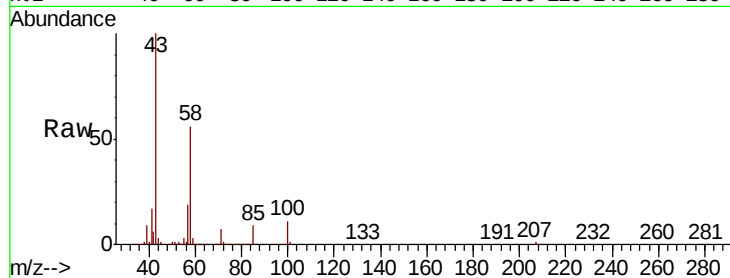




#59
2-Hexanone
Concen: 98.217 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

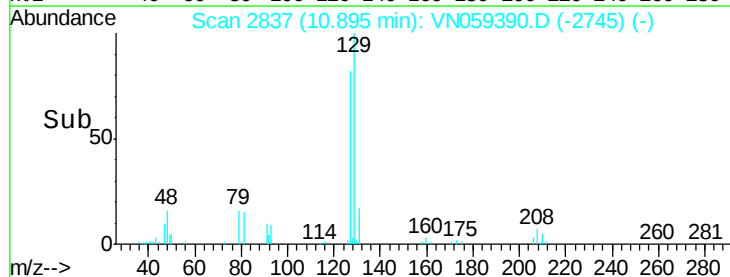
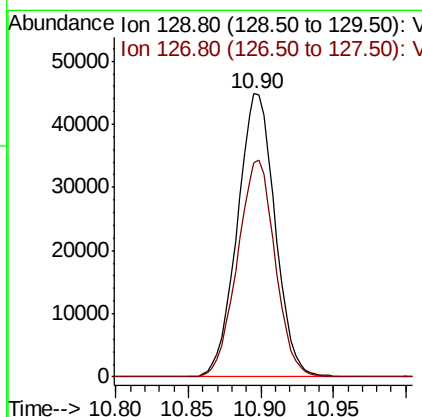
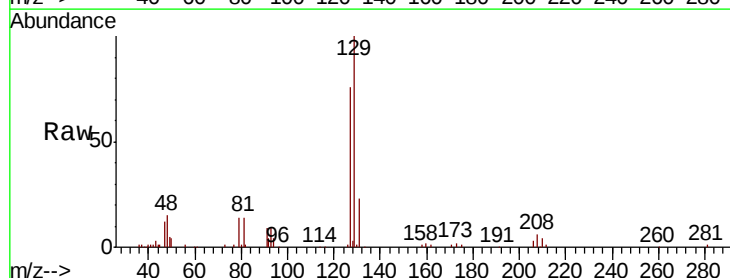
Instrument :
MSVOA_N
ClientSampled :

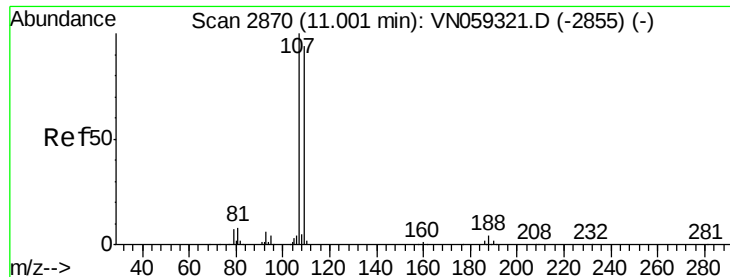
Tot Ion: 43 Resp: 400073
Ion Ratio Lower Upper
43 100
58 56.1 27.7 83.0



#60
Dibromochloromethane
Concen: 19.377 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

Tgt Ion: 129 Resp: 81071
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.5

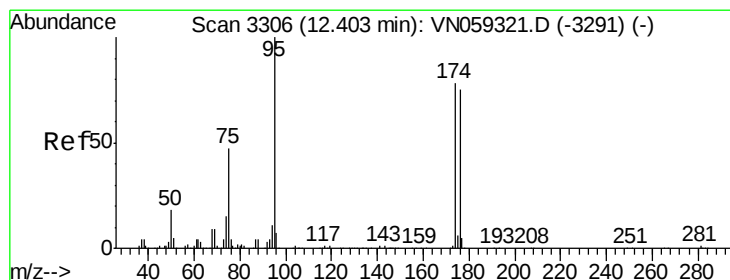
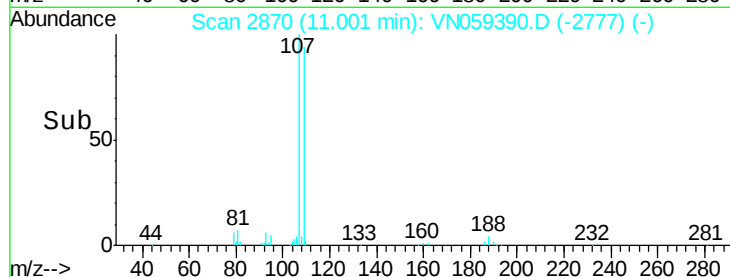
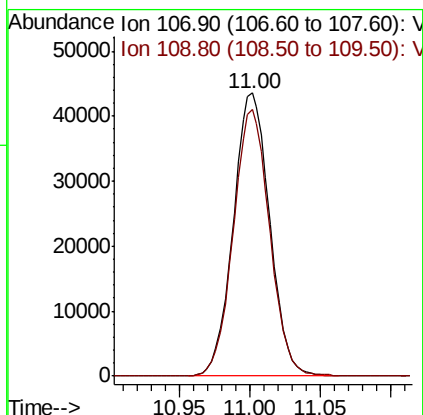
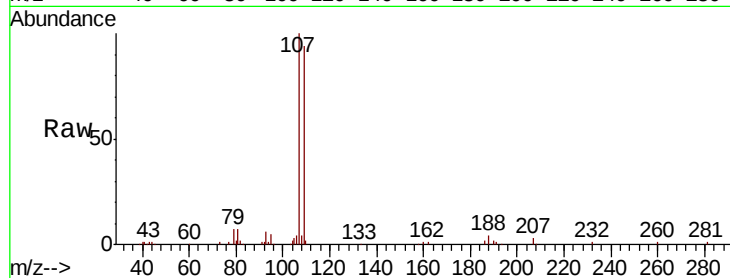




#61
 1,2-Dibromoethane
 Concen: 19.071 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059390.D
 Acq: 25 Nov 2019 18:00

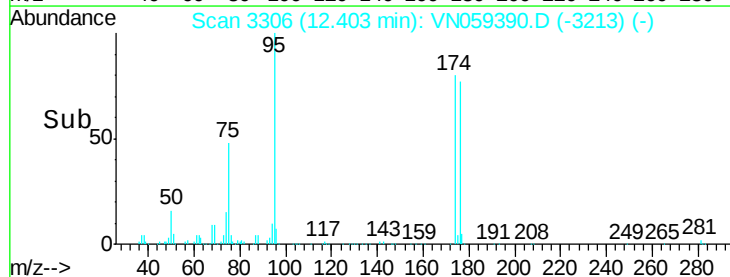
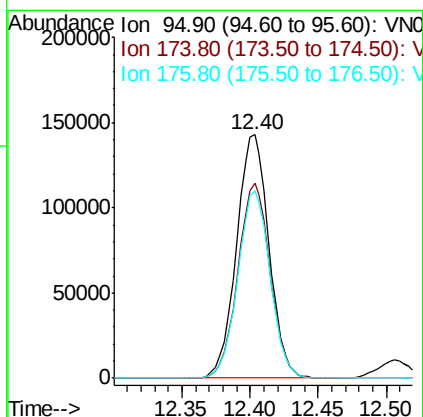
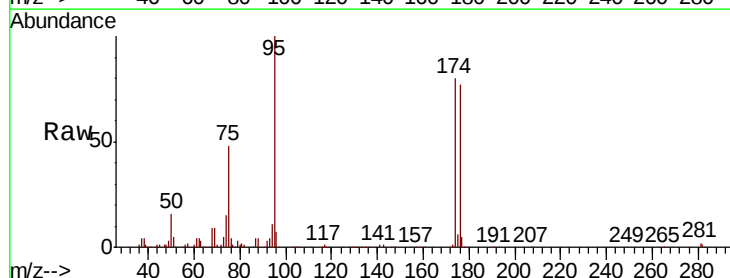
Instrument :
 MSVOA_N
 ClientSampled :

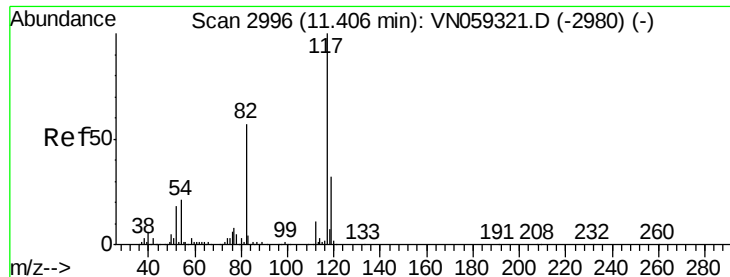
Tot Ion: 107 Resp: 78783
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 50.384 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN059390.D
 Acq: 25 Nov 2019 18:00

Tgt Ion: 95 Resp: 235506
 Ion Ratio Lower Upper
 95 100
 174 79.7 0.0 157.4
 176 76.9 0.0 151.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampled :

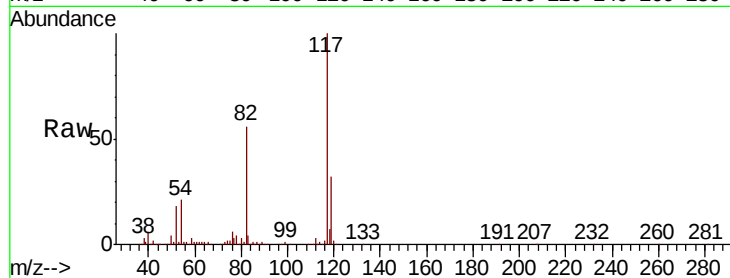
Tot Ion:117 Resp: 501571

Ion Ratio Lower Upper

117 100

82 56.5 45.7 68.5

119 32.0 25.8 38.6

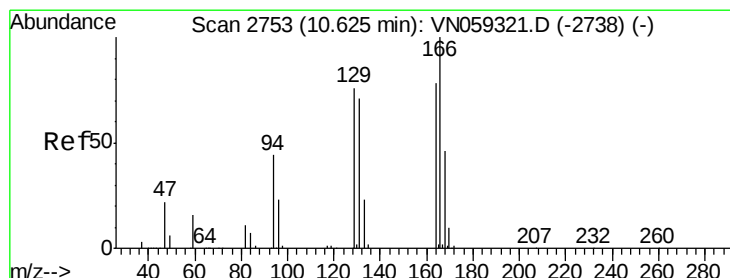
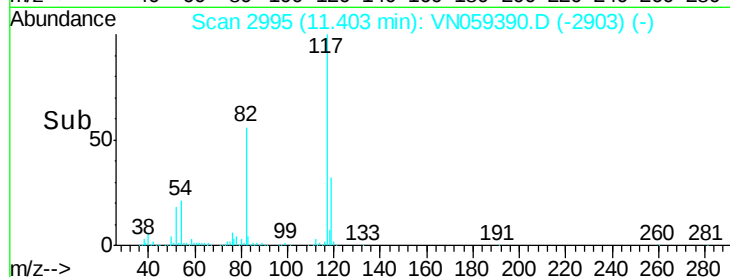
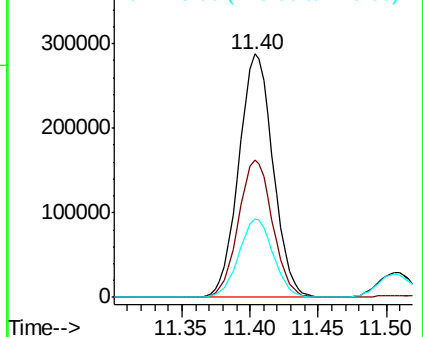


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 18.532 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Tgt Ion:164 Resp: 71890

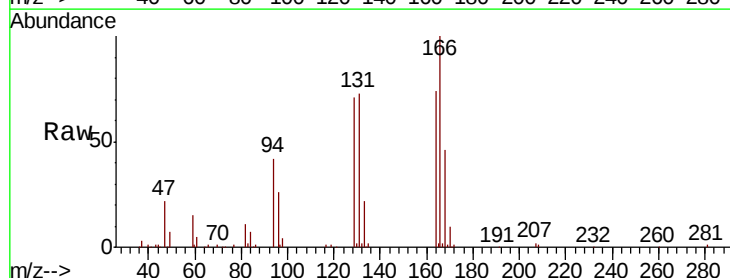
Ion Ratio Lower Upper

164 100

166 134.7 102.9 154.3

129 96.1 78.2 117.2

131 98.0 72.6 109.0



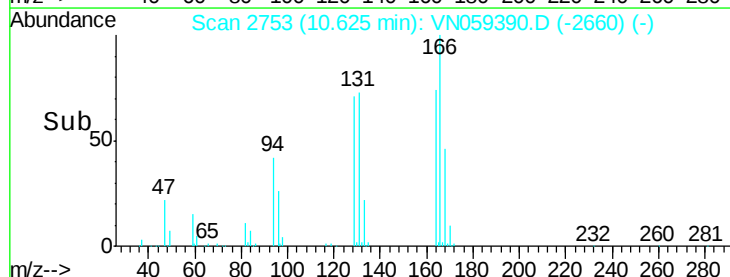
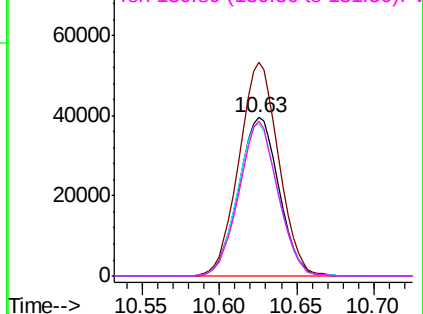
Abundance

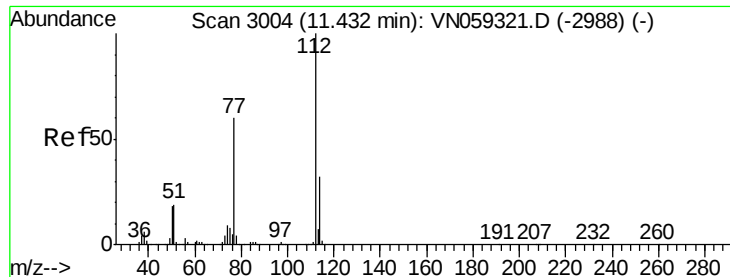
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

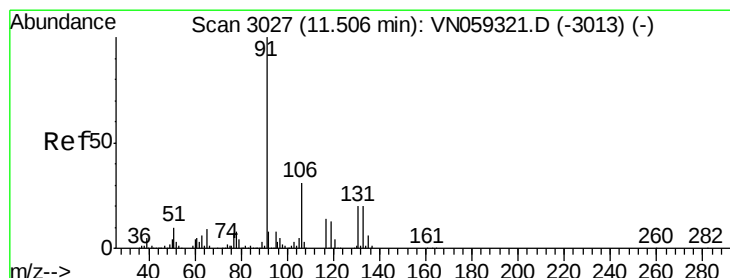
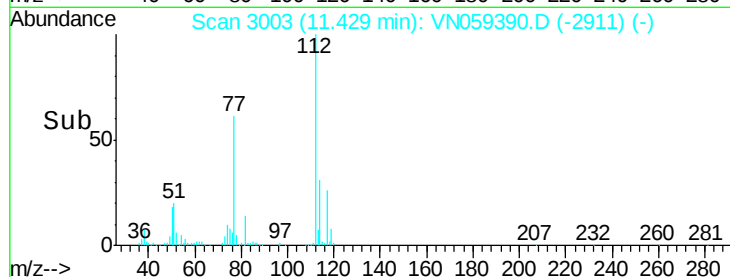
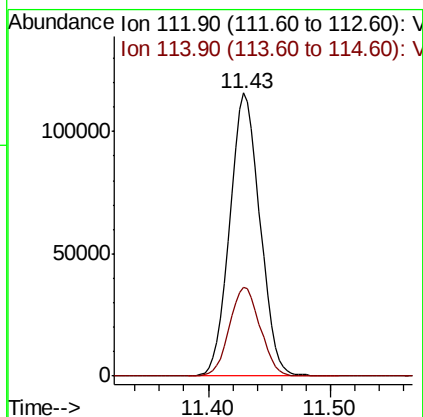
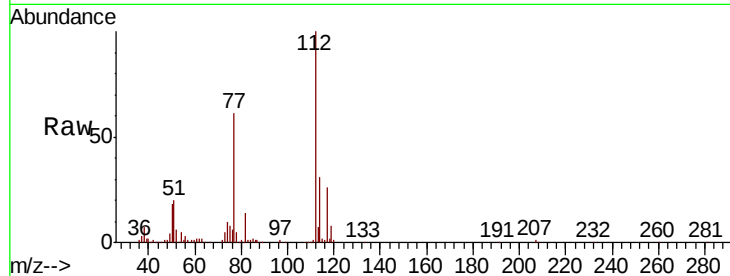




#65
Chlorobenzene
Concen: 18.522 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

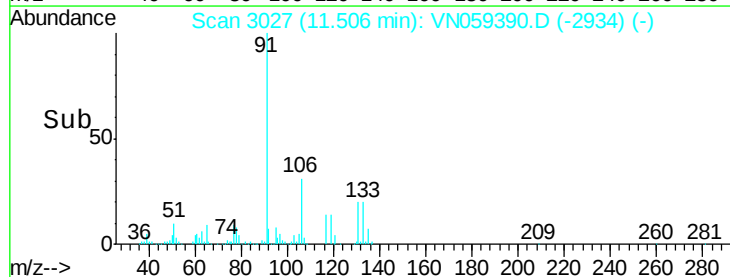
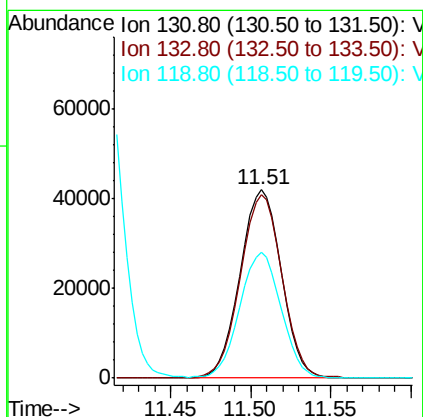
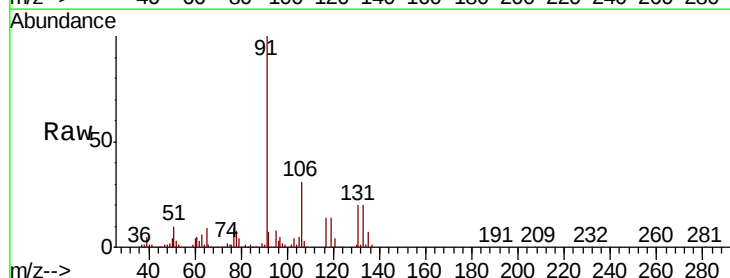
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:112 Resp: 199756
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.856 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

Tgt Ion:131 Resp: 73876
Ion Ratio Lower Upper
131 100
133 98.8 48.2 144.6
119 67.2 33.6 100.6





#67

Ethyl Benzene

Concen: 18.501 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

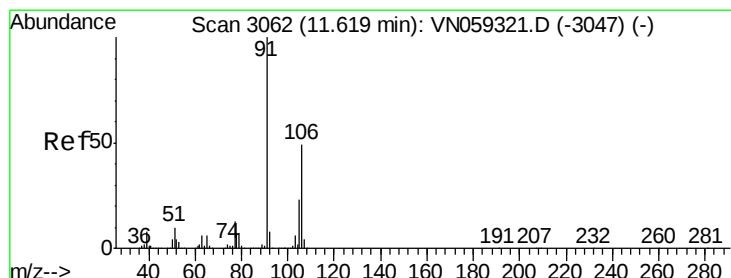
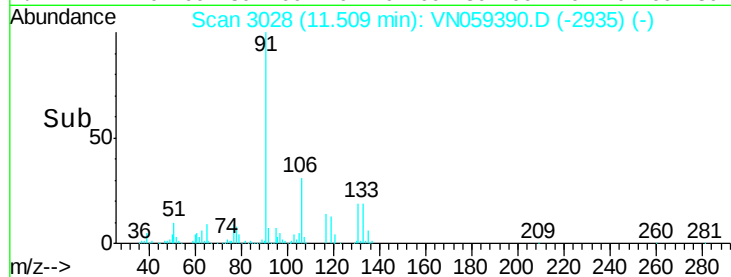
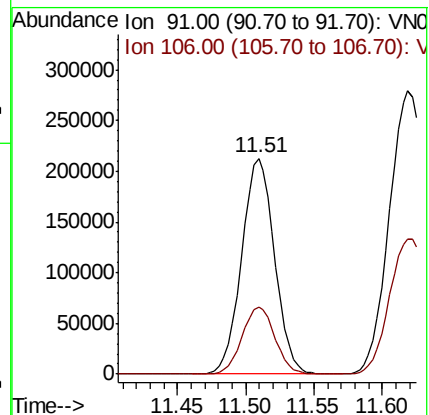
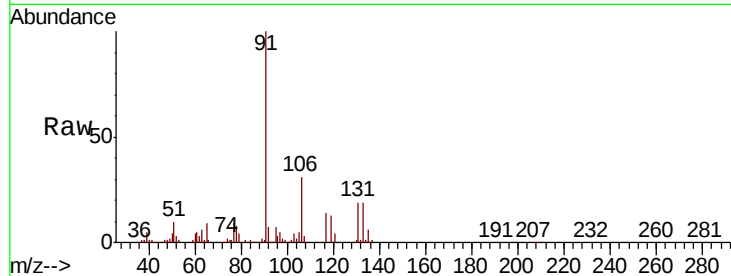
ClientSampleId :

Tot Ion: 91 Resp: 356257

Ion Ratio Lower Upper

91 100

106 31.2 24.6 37.0



#68

m/p-Xylenes

Concen: 37.020 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN059390.D

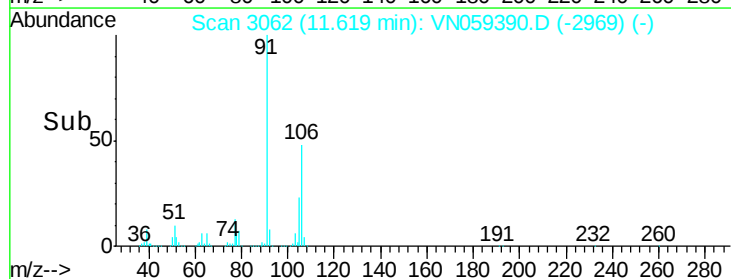
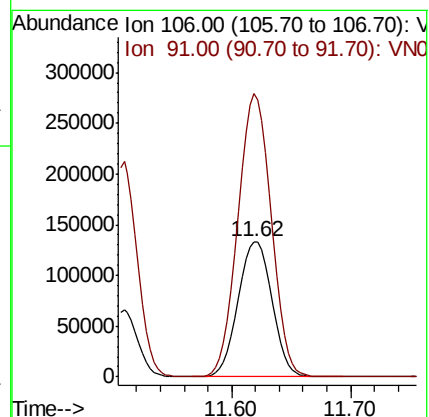
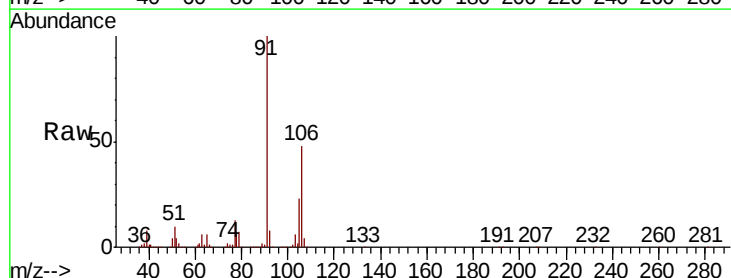
Acq: 25 Nov 2019 18:00

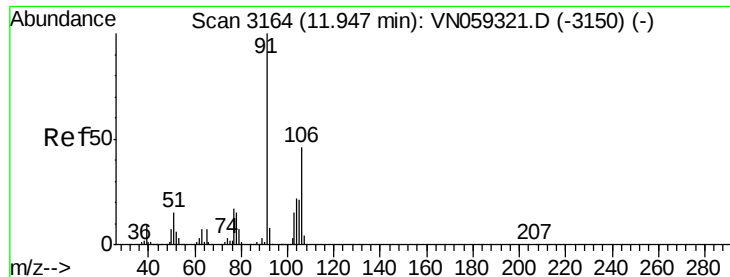
Tgt Ion: 106 Resp: 264891

Ion Ratio Lower Upper

106 100

91 204.6 163.2 244.8

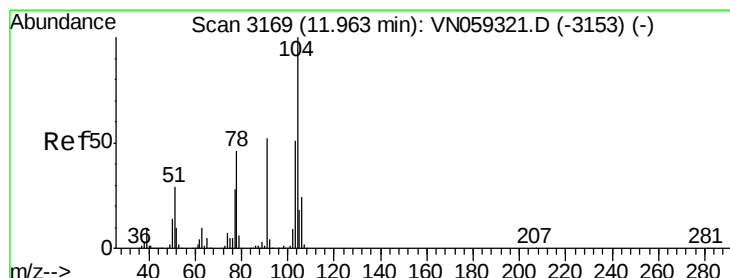
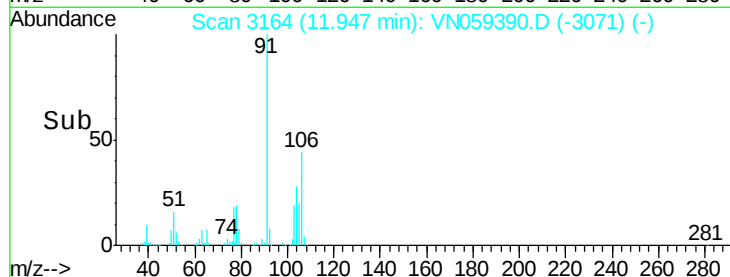
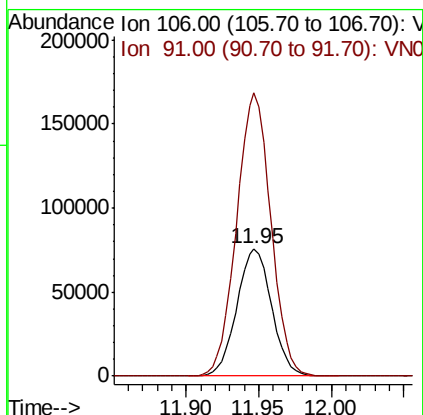
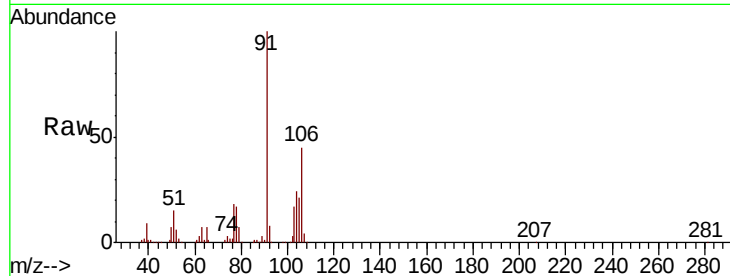




#69
o-Xylene
Concen: 18.422 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

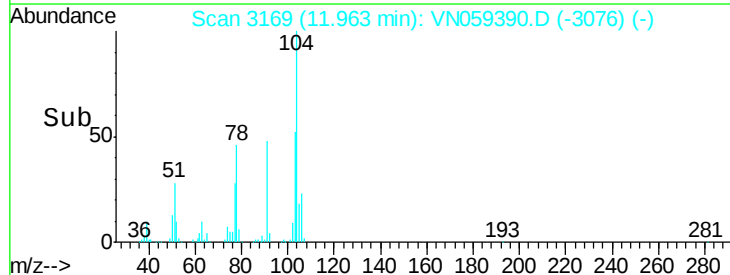
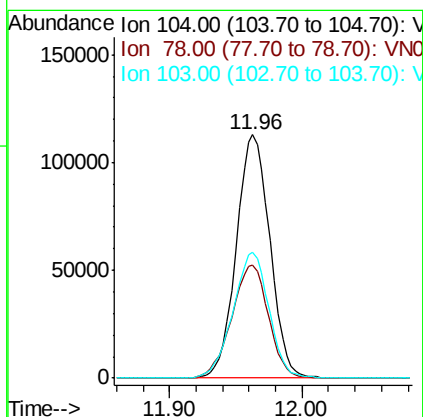
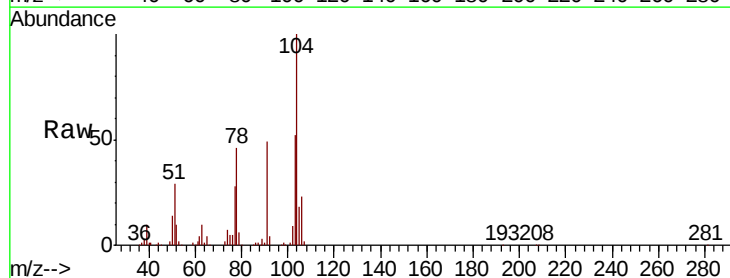
Instrument :
MSVOA_N
ClientSampleId :

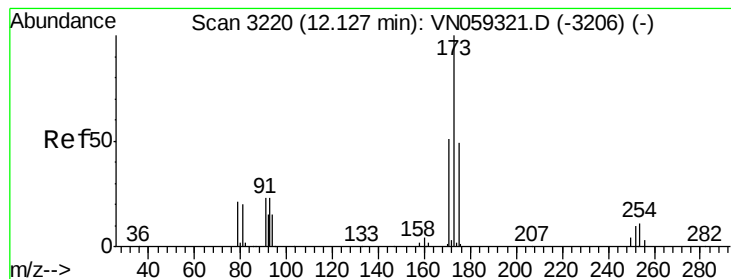
Tot Ion:106 Resp: 126195
Ion Ratio Lower Upper
106 100
91 219.3 109.3 327.9



#70
Styrene
Concen: 18.391 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

Tgt Ion:104 Resp: 198784
Ion Ratio Lower Upper
104 100
78 51.1 40.3 60.5
103 55.5 43.6 65.4





#71

Bromoform

Concen: 18.978 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

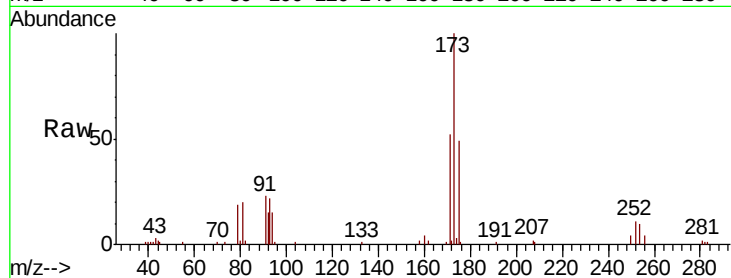
Tot Ion:173 Resp: 56311

Ion Ratio Lower Upper

173 100

175 48.3 24.6 73.6

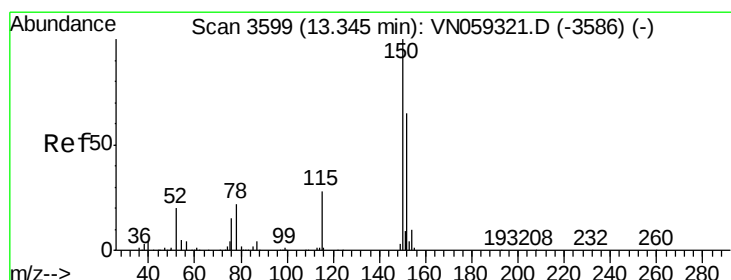
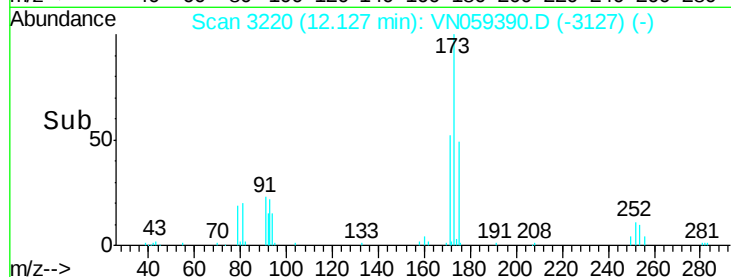
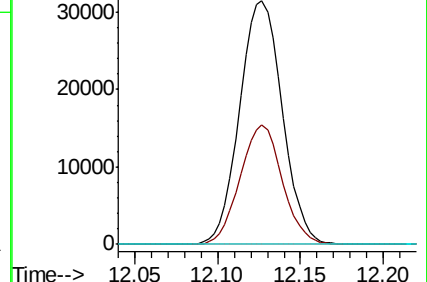
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

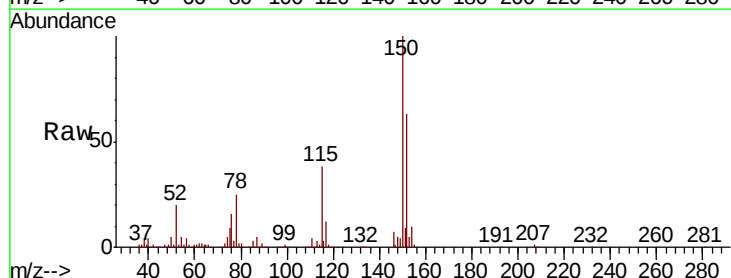
Tgt Ion:152 Resp: 228547

Ion Ratio Lower Upper

152 100

115 59.3 29.3 88.0

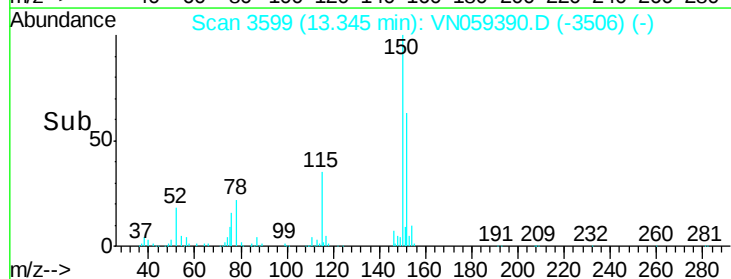
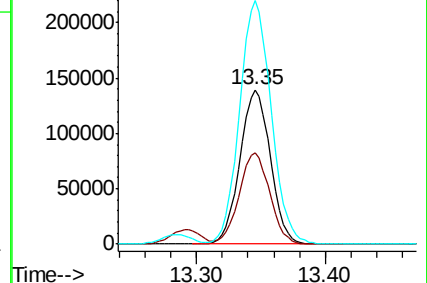
150 164.3 0.0 346.0

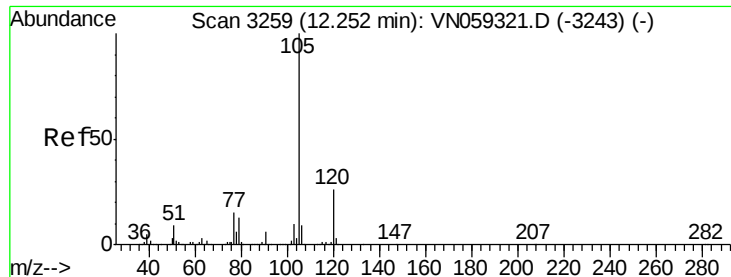


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

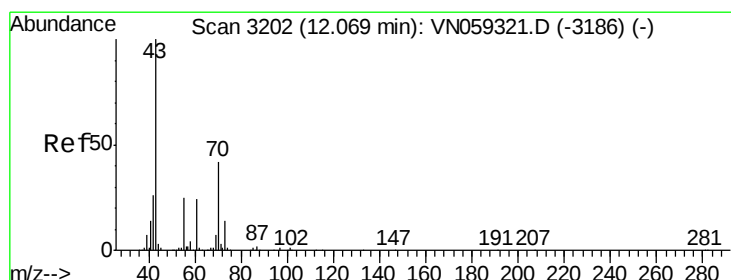
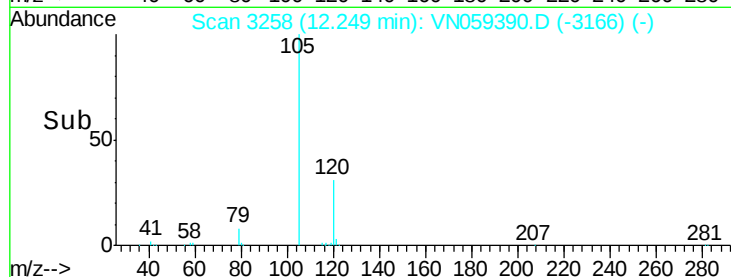
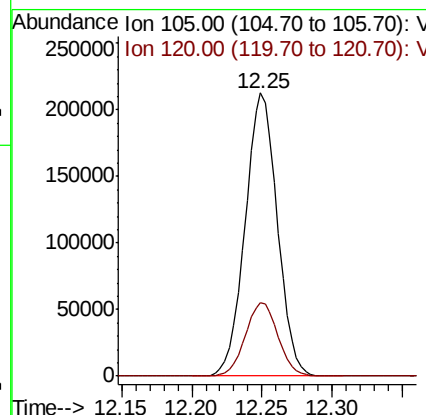
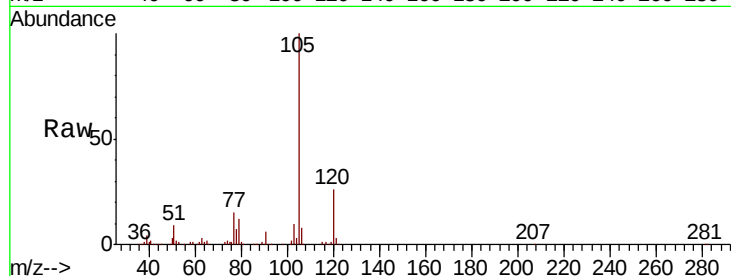




#73
Isopropylbenzene
Concen: 18.167 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

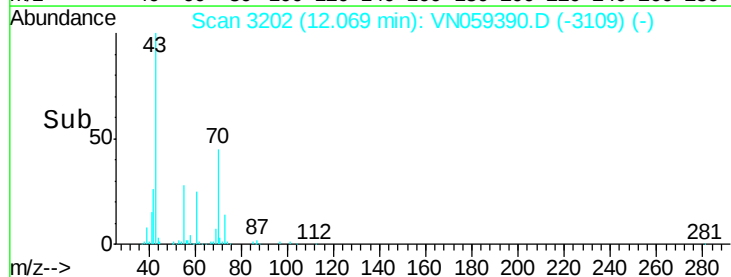
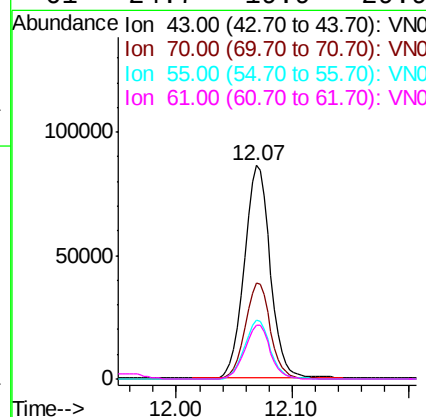
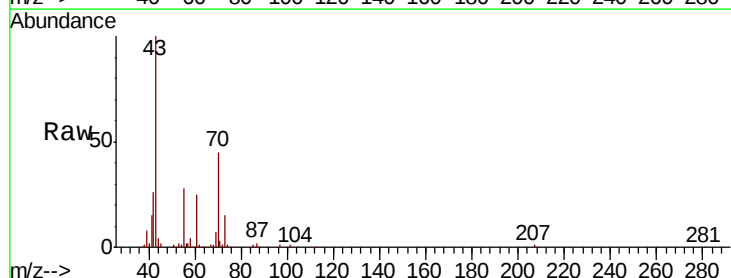
Instrument :
MSVOA_N
ClientSampled :

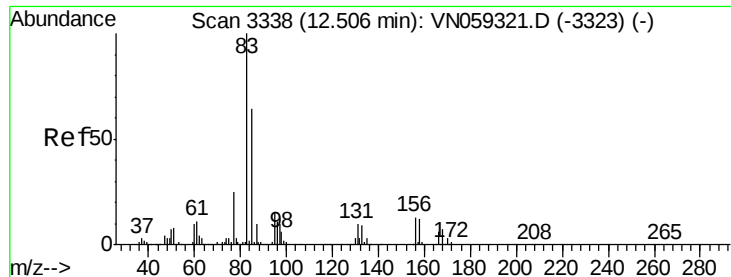
Tot Ion: 105 Resp: 340121
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.3



#74
N-ethyl acetate
Concen: 17.778 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

Tgt Ion: 43 Resp: 133769
Ion Ratio Lower Upper
43 100
70 44.2 33.8 50.6
55 27.3 20.3 30.5
61 24.7 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.523 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

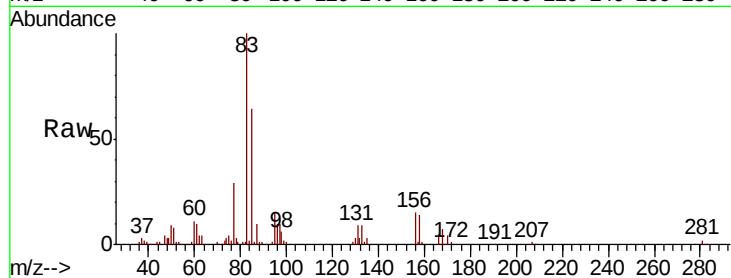
Tot Ion: 83 Resp: 114716

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	14.9
85	63.8	32.1	96.3

83 100

131 10.0 5.0 14.9

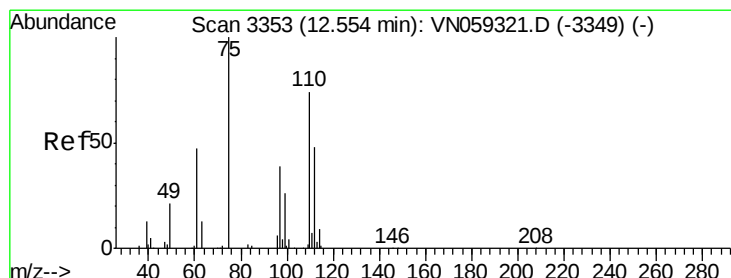
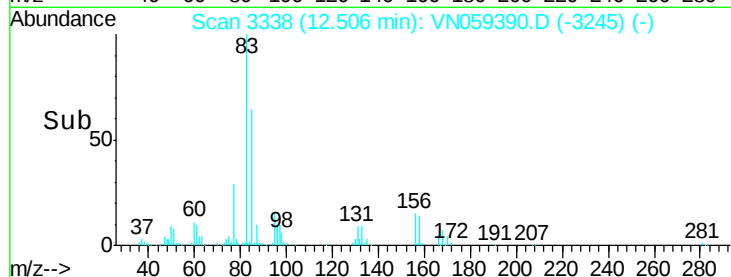
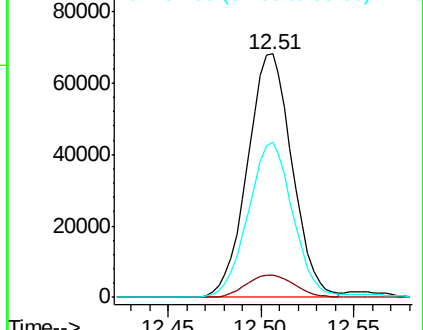
85 63.8 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN059390.D (-3245) (-)

Ion 130.80 (130.50 to 131.50): VN059390.D (-3245) (-)

Ion 84.90 (84.60 to 85.60): VN059390.D (-3245) (-)



#76

1,2,3-Trichloropropane

Concen: 28.632 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059390.D

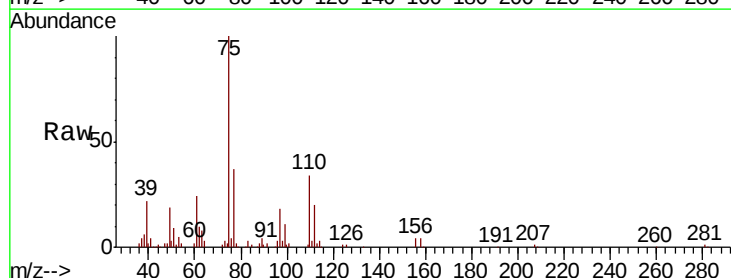
Acq: 25 Nov 2019 18:00

Tgt Ion: 75 Resp: 151177

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

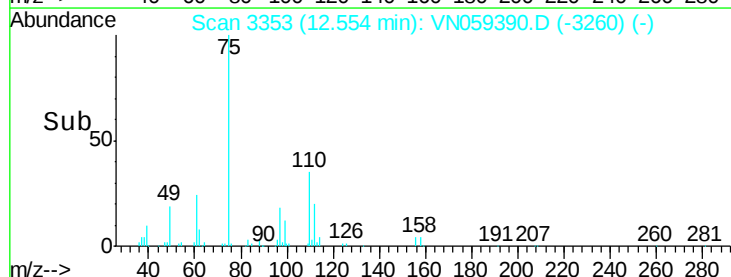
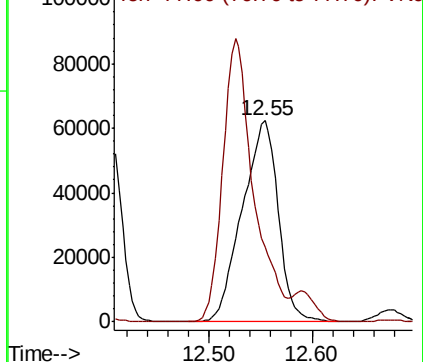
75 100

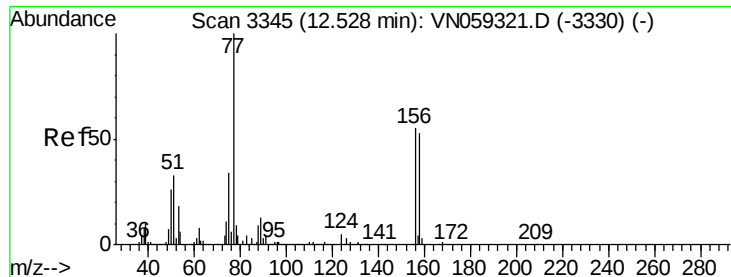
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059390.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN059390.D (-3260) (-)





#77

Bromobenzene

Concen: 18.175 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampled :

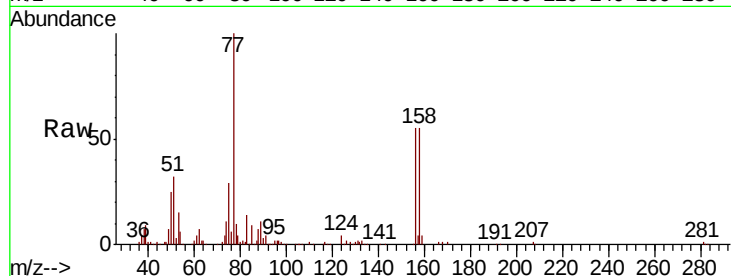
Tot Ion:156 Resp: 82533

Ion Ratio Lower Upper

156 100

77 222.9 111.1 333.4

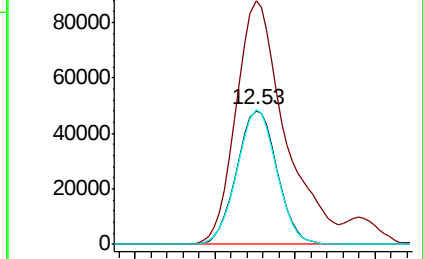
158 98.5 47.8 143.4



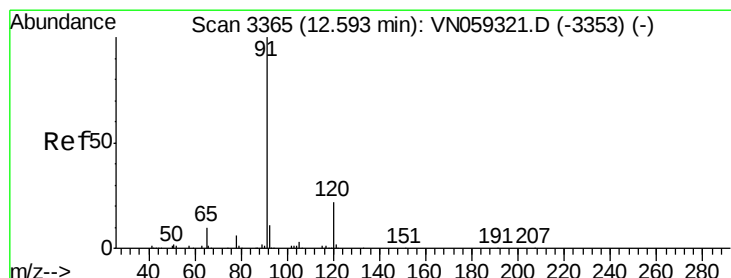
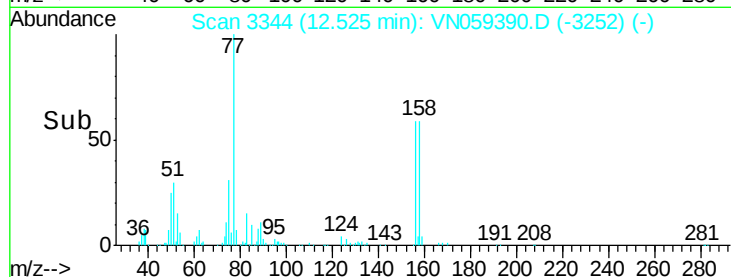
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 18.410 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059390.D

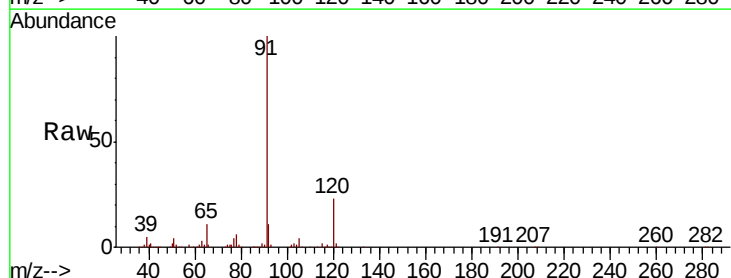
Acq: 25 Nov 2019 18:00

Tgt Ion: 91 Resp: 390424

Ion Ratio Lower Upper

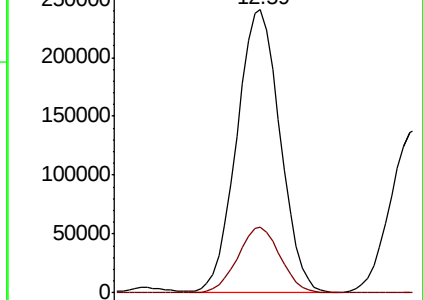
91 100

120 22.8 11.3 33.9

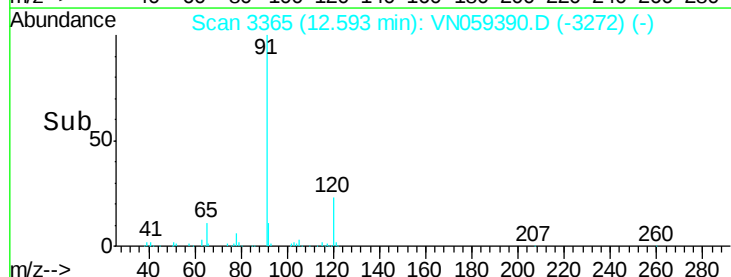


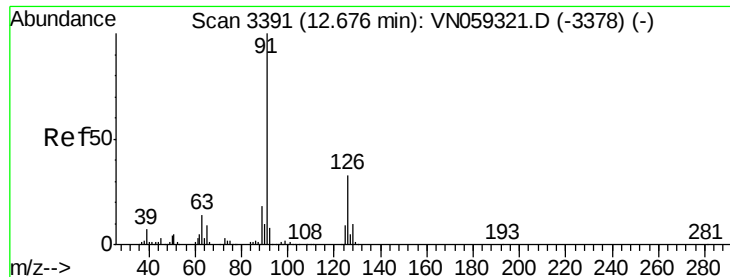
Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



Time-->

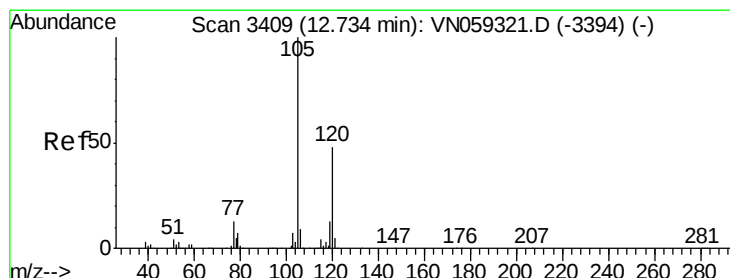
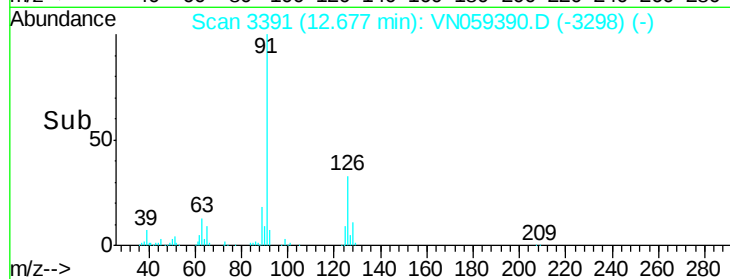
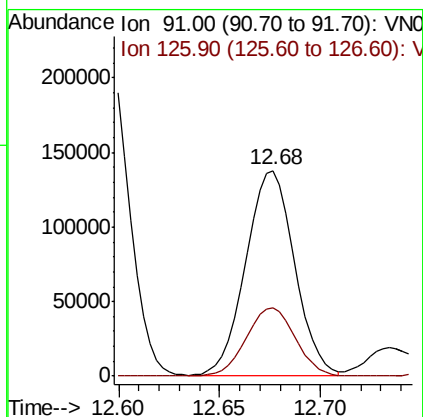
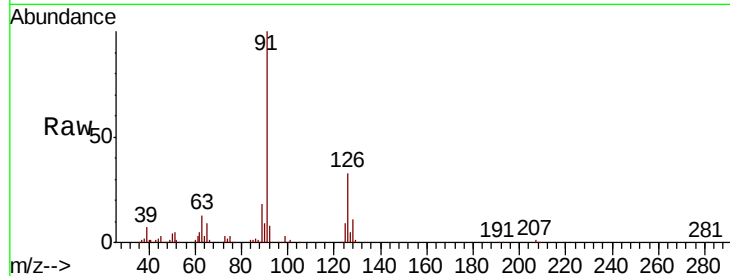




#79
 2-Chlorotoluene
 Concen: 17.933 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VN059390.D
 Acq: 25 Nov 2019 18:00

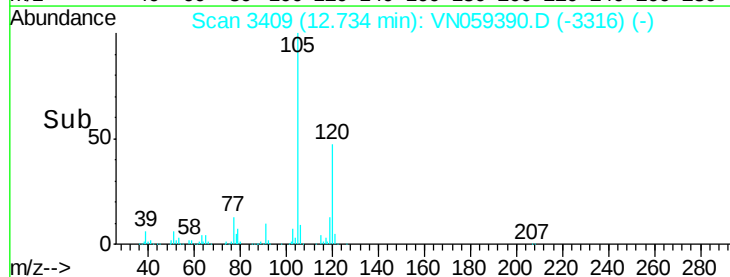
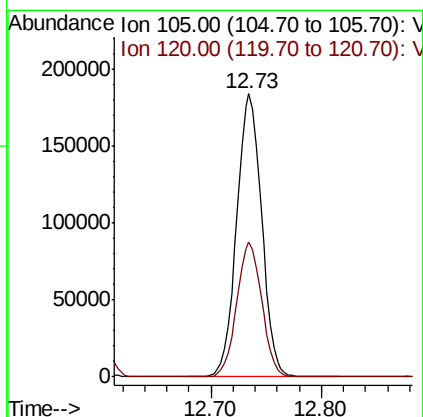
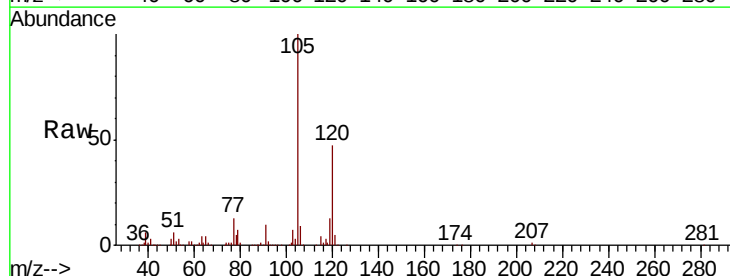
Instrument :
 MSVOA_N
 ClientSampleId :

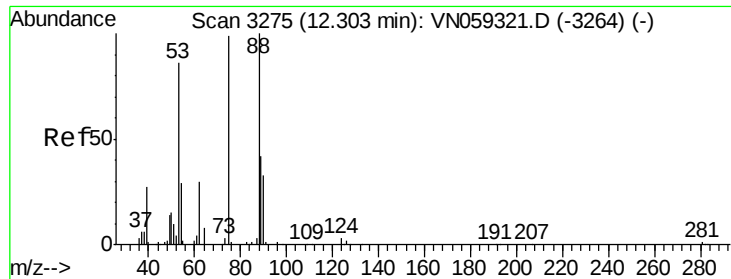
Tot Ion: 91 Resp: 233435
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.7 50.1



#80
 1,3,5-Trimethylbenzene
 Concen: 18.385 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN059390.D
 Acq: 25 Nov 2019 18:00

Tgt Ion: 105 Resp: 289349
 Ion Ratio Lower Upper
 105 100
 120 47.5 24.1 72.4

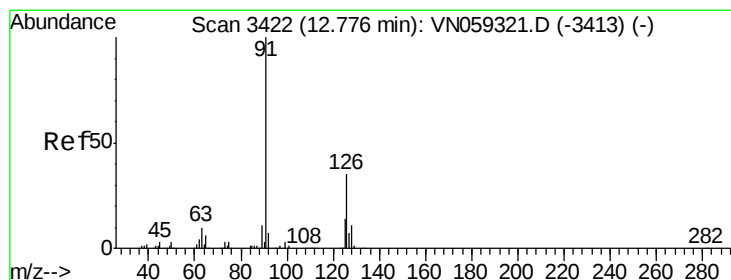
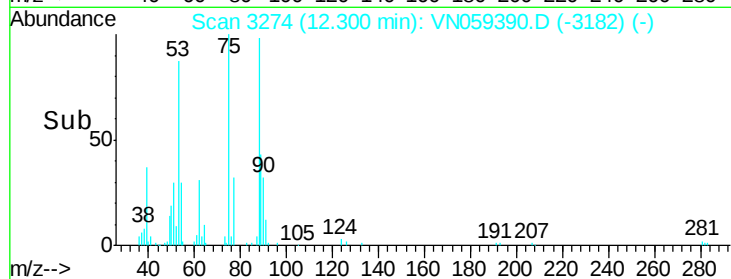
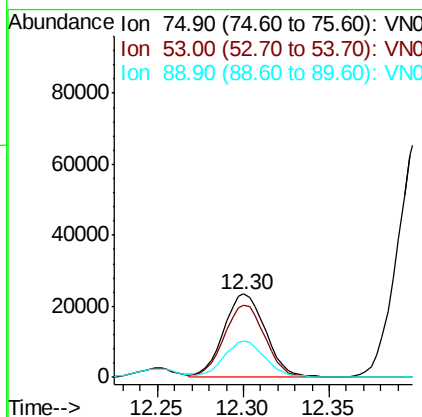
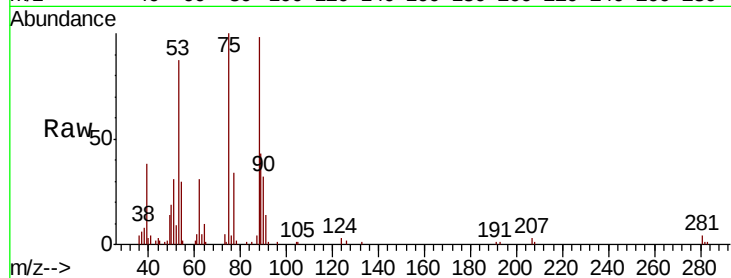




#81
trans-1,4-Dichloro-2-butene
Concen: 18.756 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

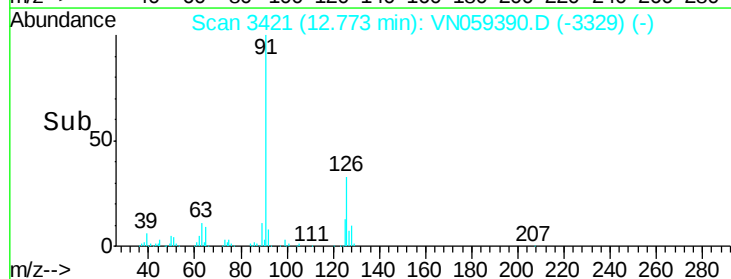
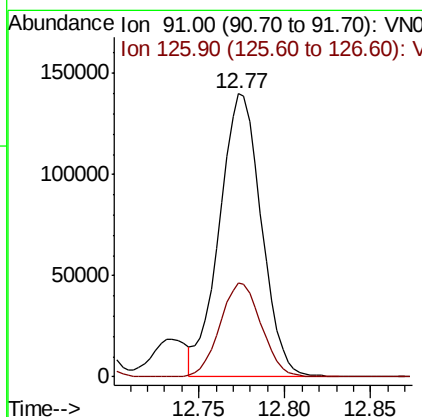
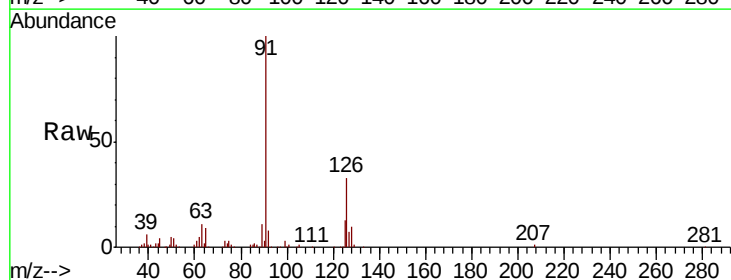
Instrument :
MSVOA_N
ClientSampleId :

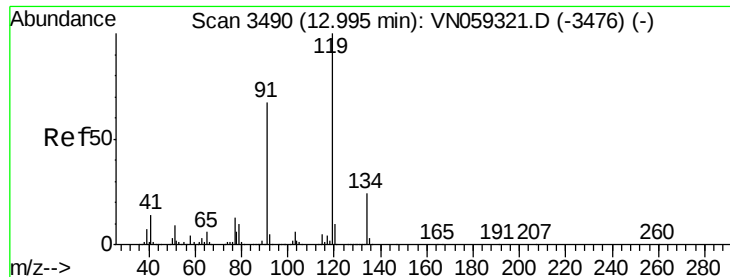
Tot Ion: 75 Resp: 39595
Ion Ratio Lower Upper
75 100
53 85.8 70.7 106.1
89 42.9 35.4 53.0



#82
4-Chlorotoluene
Concen: 17.559 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

Tgt Ion: 91 Resp: 236527
Ion Ratio Lower Upper
91 100
126 32.8 16.2 48.6





#83

tert-Butylbenzene

Concen: 18.484 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

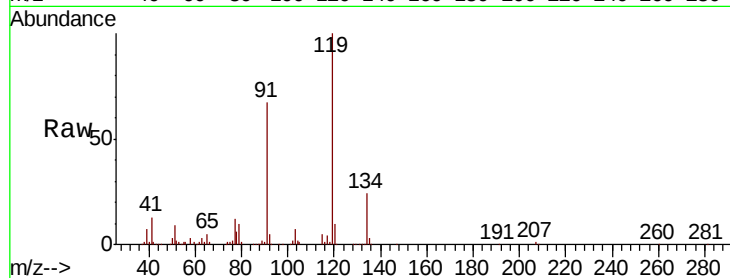
Tot Ion:119 Resp: 245691

Ion Ratio Lower Upper

119 100

91 65.3 32.8 98.4

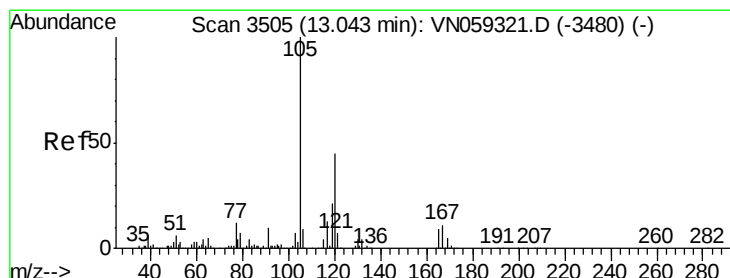
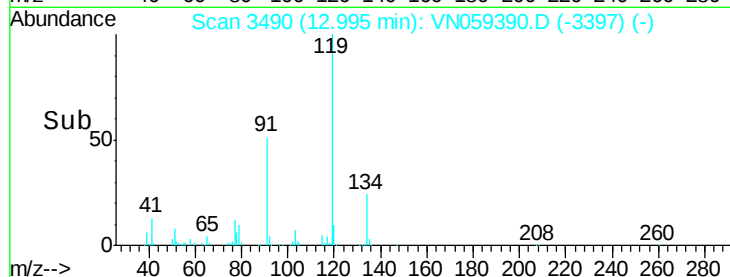
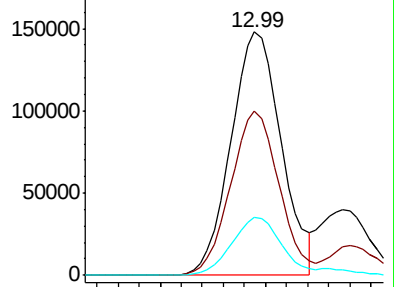
134 25.2 13.0 38.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.441 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN059390.D

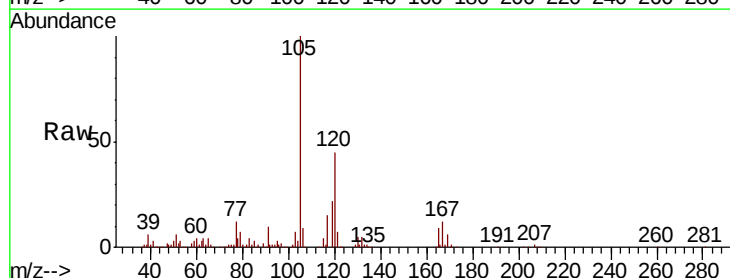
Acq: 25 Nov 2019 18:00

Tgt Ion:105 Resp: 284302

Ion Ratio Lower Upper

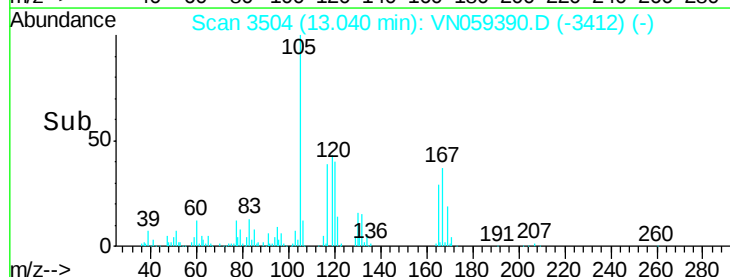
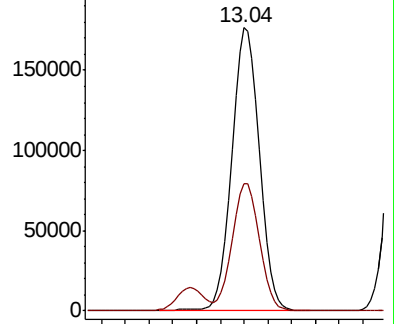
105 100

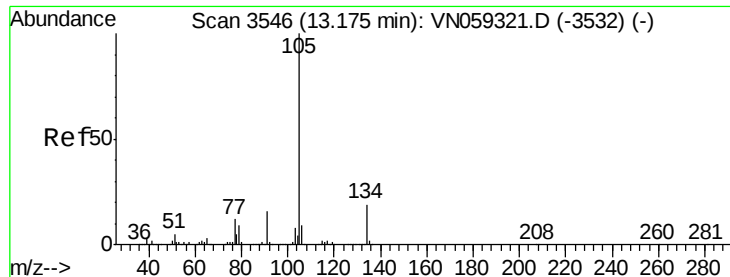
120 44.4 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.082 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

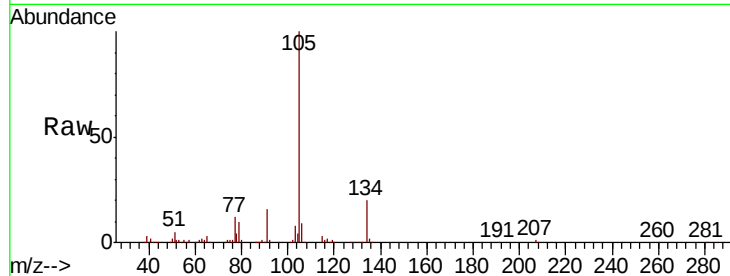
ClientSampled :

Tot Ion:105 Resp: 323040

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

200000

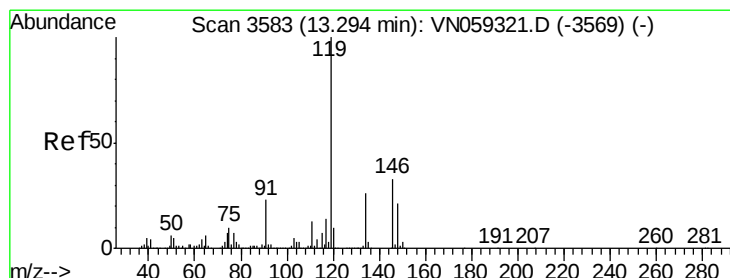
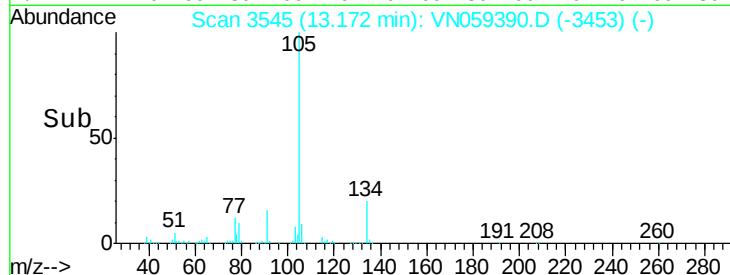
150000

100000

50000

0

Time--> 13.10 13.15 13.20 13.25



#86

p-Isopropyltoluene

Concen: 18.291 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

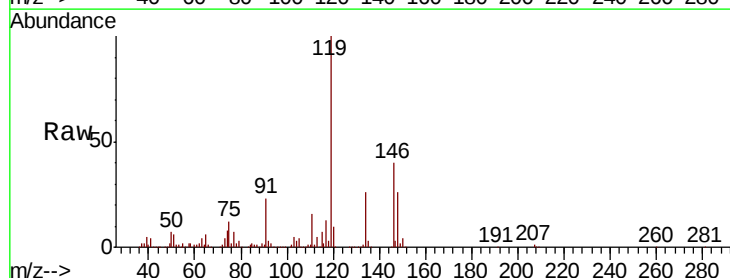
Tgt Ion:119 Resp: 290788

Ion Ratio Lower Upper

119 100

134 26.1 13.0 38.9

91 22.8 11.6 34.7



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

250000

200000

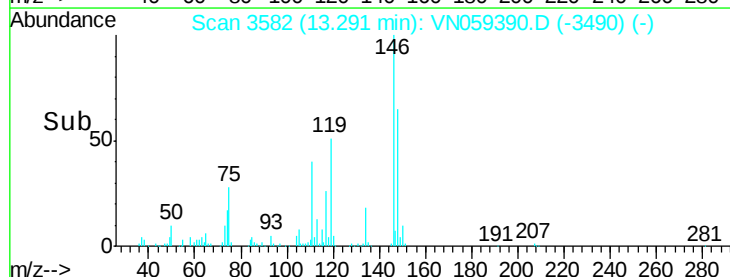
150000

100000

50000

0

Time--> 13.20 13.25 13.30 13.35





#87

1,3-Dichlorobenzene

Concen: 17.996 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

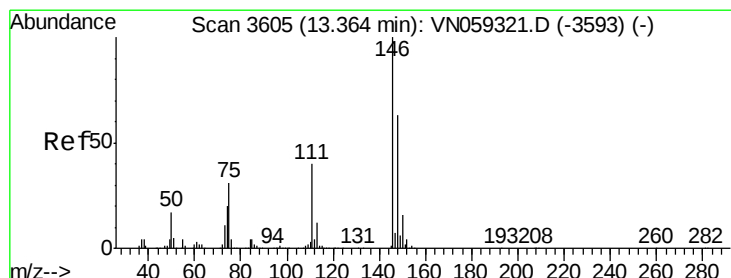
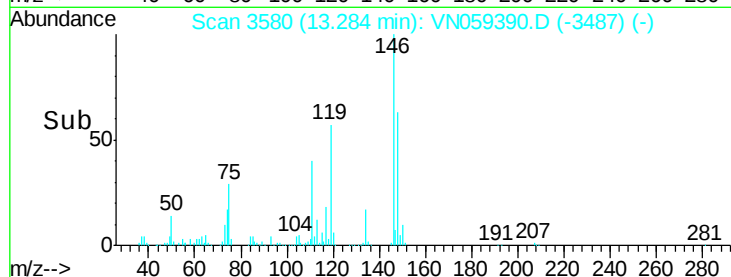
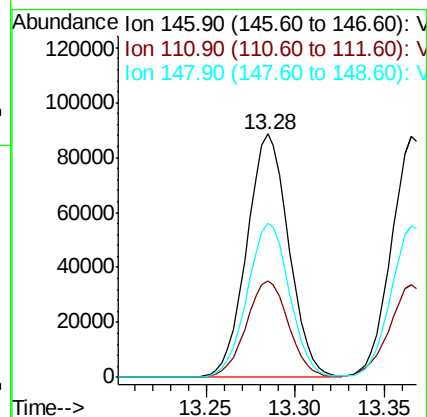
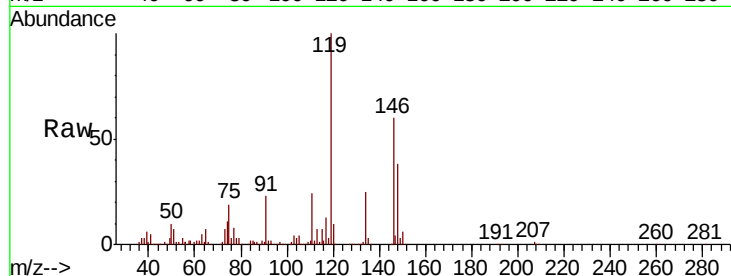
Tot Ion:146 Resp: 145534

Ion Ratio Lower Upper

146 100

111 40.1 20.6 61.8

148 63.7 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 18.012 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

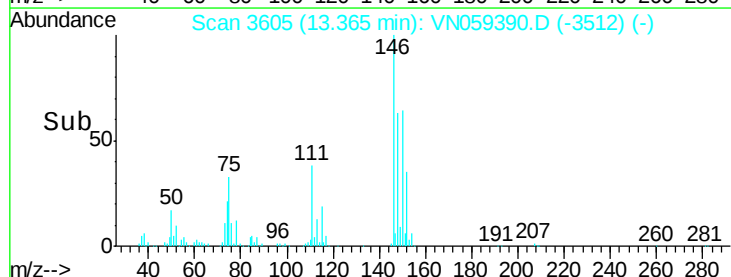
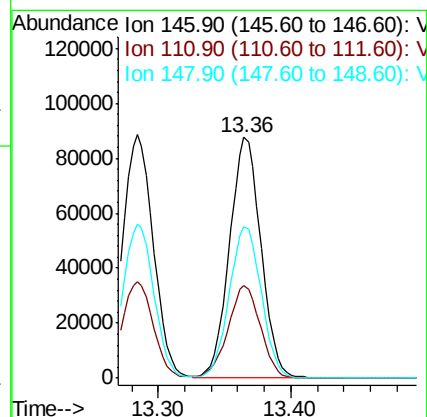
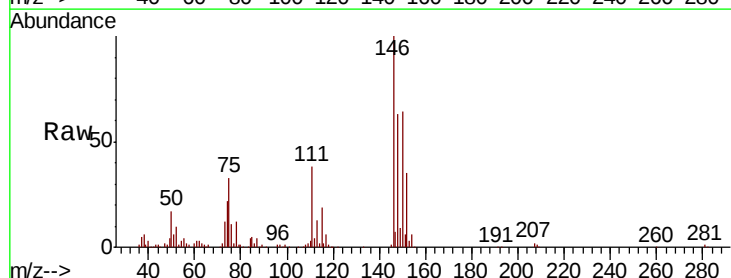
Tgt Ion:146 Resp: 144117

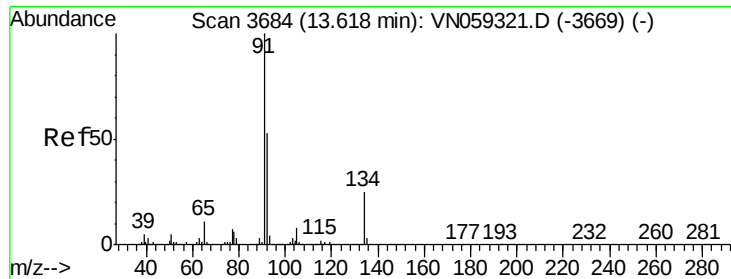
Ion Ratio Lower Upper

146 100

111 40.1 20.1 60.3

148 64.4 31.7 95.1





#89

n-Butylbenzene

Concen: 17.758 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

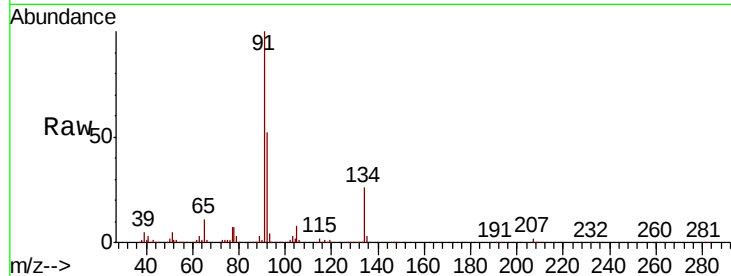
Tot Ion: 91 Resp: 247650

Ion Ratio Lower Upper

91 100

92 51.9 26.0 78.0

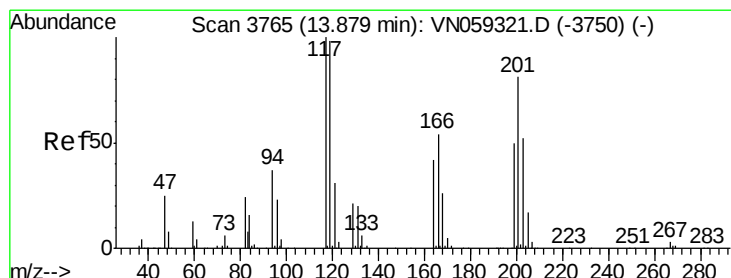
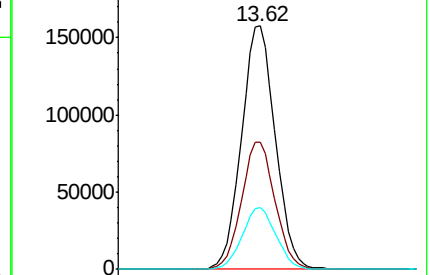
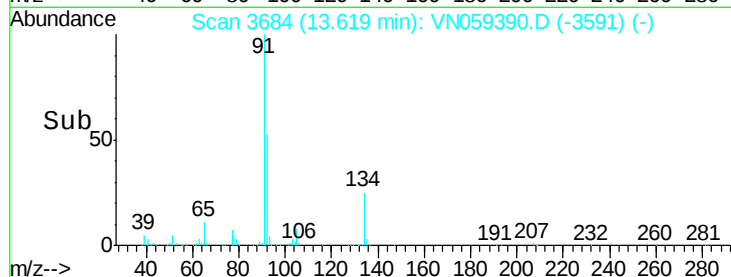
134 25.4 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VN059321.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN059321.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN059321.D (-3669) (-)



#90

Hexachloroethane

Concen: 17.290 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. -0.00 min

Lab File: VN059390.D

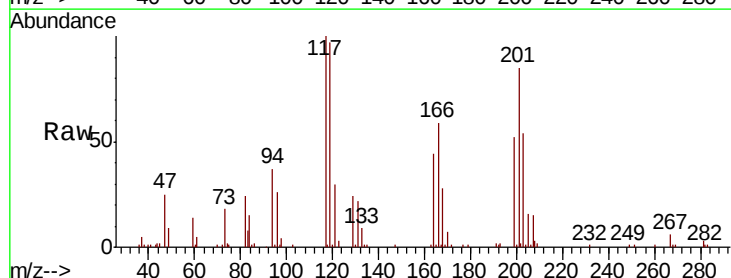
Acq: 25 Nov 2019 18:00

Tgt Ion: 117 Resp: 52056

Ion Ratio Lower Upper

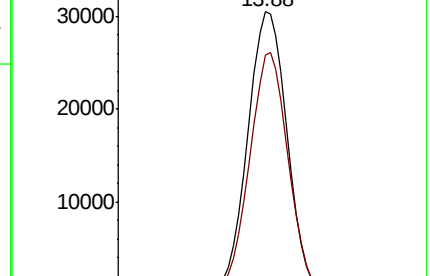
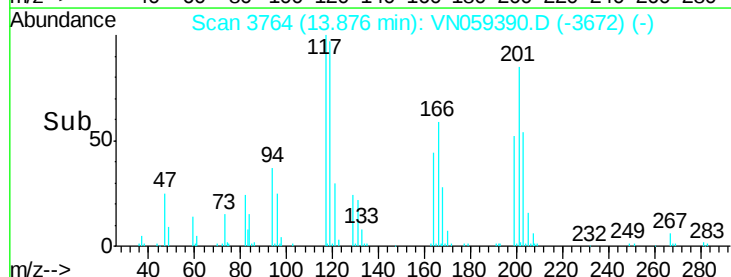
117 100

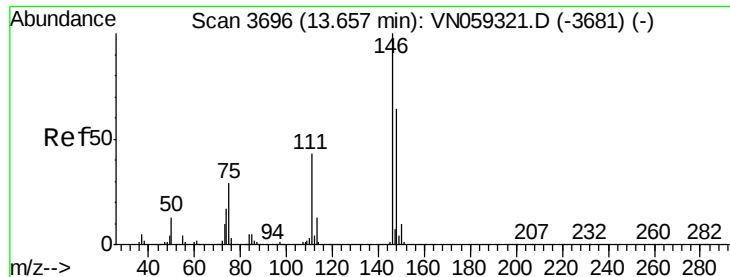
201 84.1 40.4 121.2



Abundance Ion 116.80 (116.50 to 117.50): VN059321.D (-3750) (-)

Ion 200.70 (200.40 to 201.40): VN059321.D (-3750) (-)





#91

1,2-Dichlorobenzene

Concen: 18.060 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN059390.D

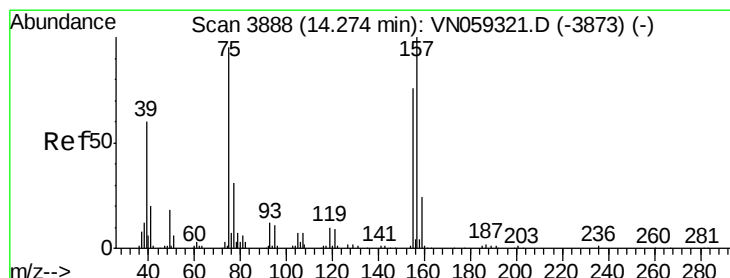
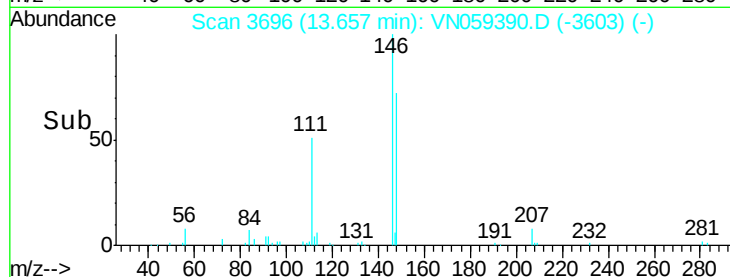
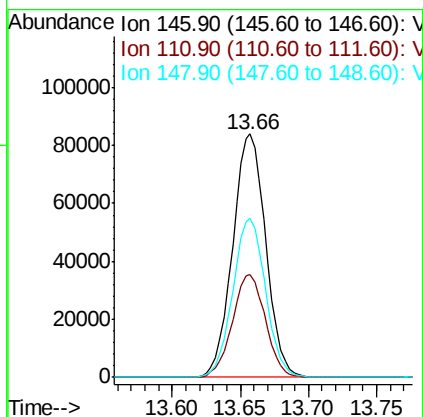
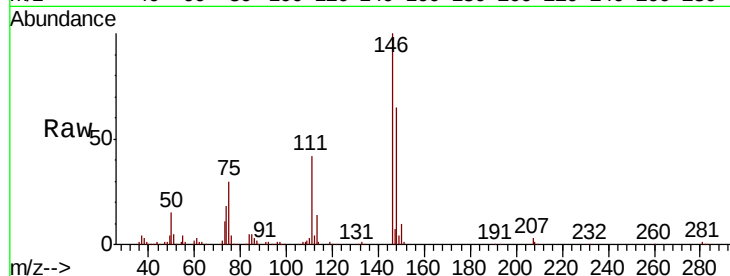
Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:	146	Resp:	141306
Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.3	64.0
148	64.7	31.9	95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.913 ug/l

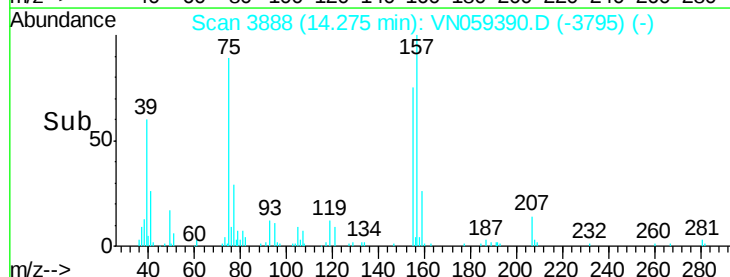
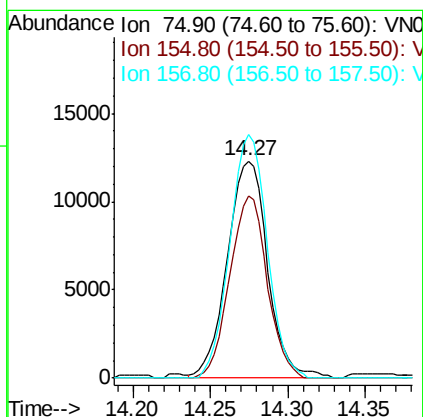
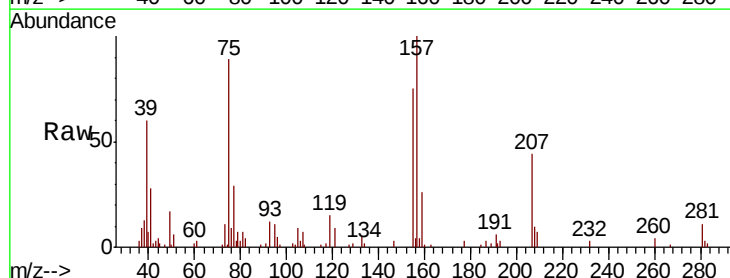
RT: 14.27 min Scan# 3888

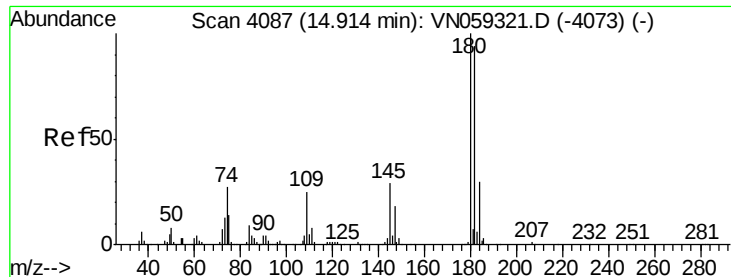
Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Tgt Ion:	75	Resp:	22270
Ion	Ratio	Lower	Upper
75	100		
155	77.6	40.5	121.5
157	104.0	52.7	158.1

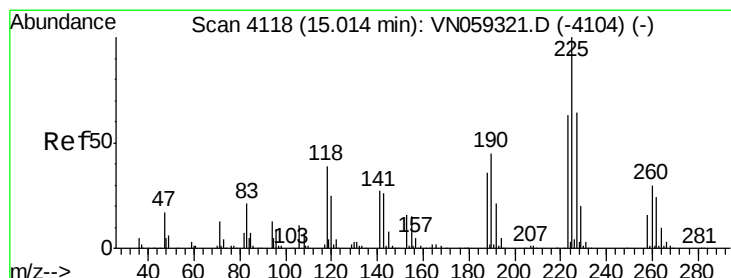
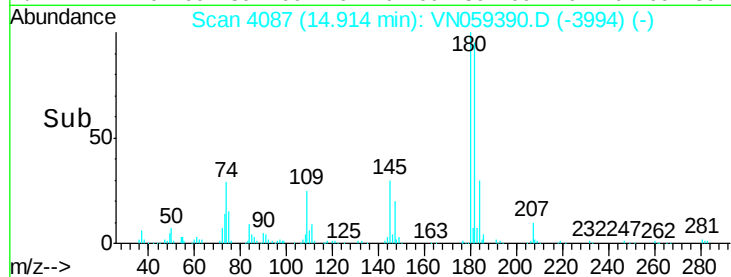
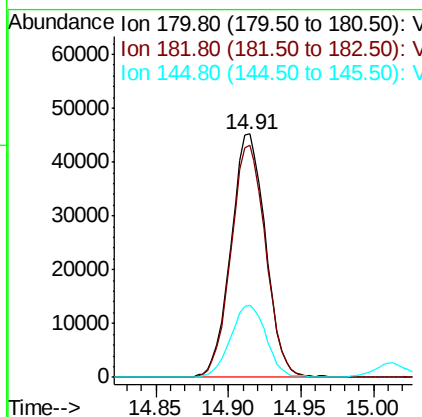
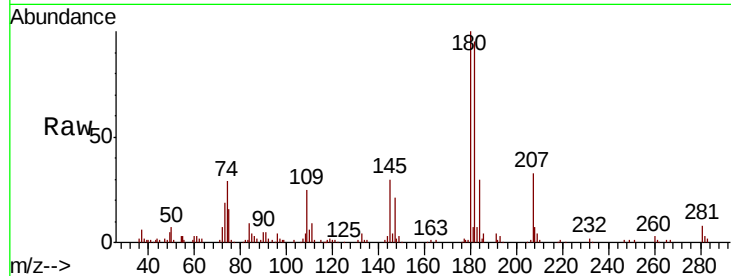




#93
 1,2,4-Trichlorobenzene
 Concen: 17.430 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059390.D
 Acq: 25 Nov 2019 18:00

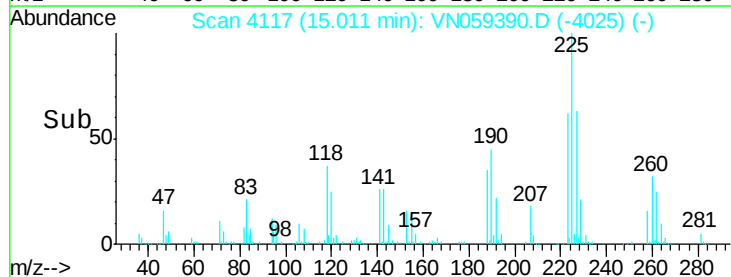
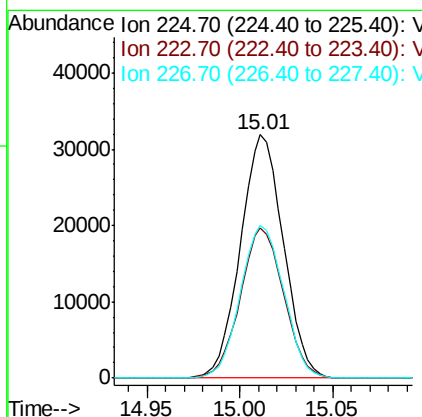
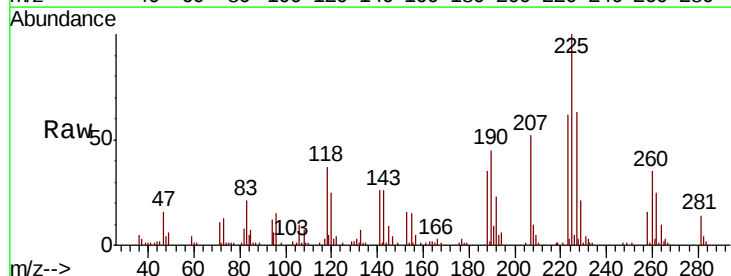
Instrument :
 MSVOA_N
 ClientSampled :

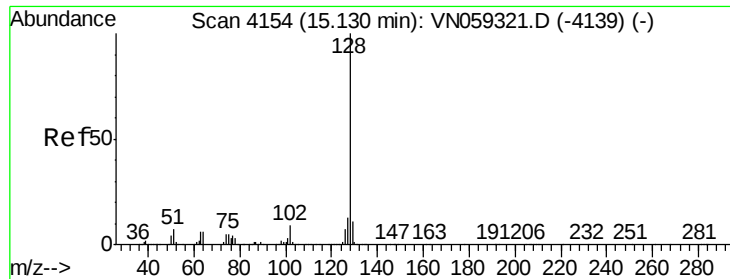
Tot Ion:180 Resp: 74925
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.2 141.6
 145 30.3 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 18.173 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN059390.D
 Acq: 25 Nov 2019 18:00

Tgt Ion:225 Resp: 51230
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.6 94.8
 227 63.2 32.6 97.7





#95

Naphthalene

Concen: 16.673 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN059390.D

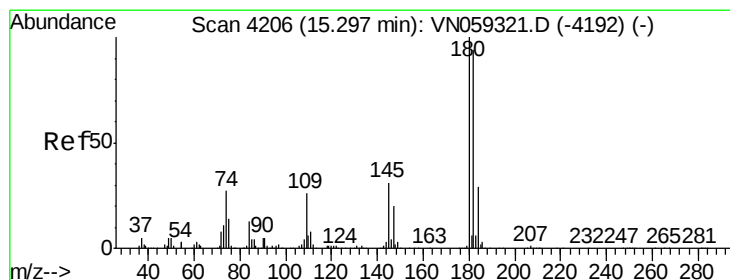
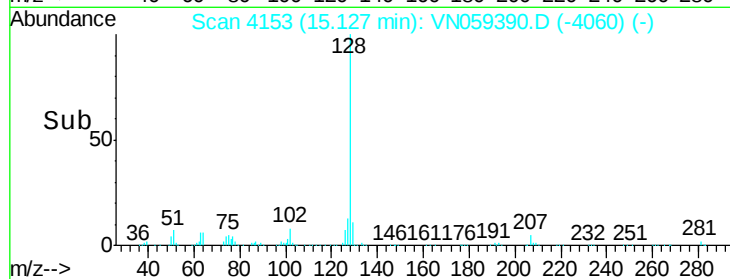
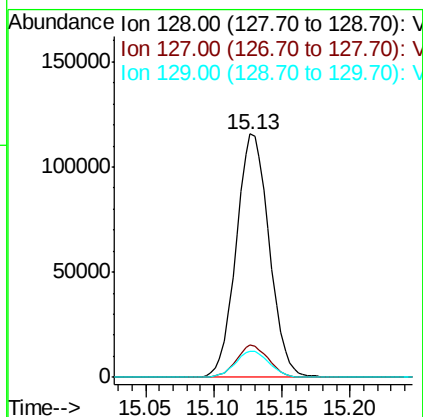
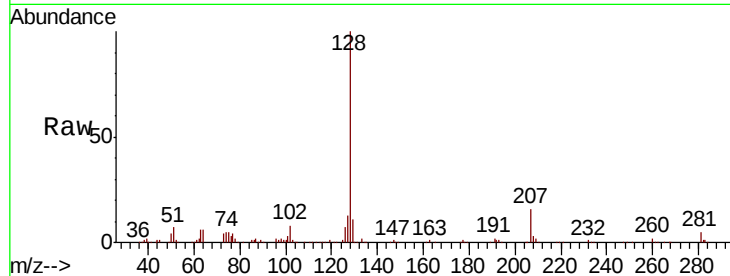
Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	128	Resp:	194285
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	11.0	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 17.120 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Tgt Ion:	180	Resp:	75562
Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.1	141.4
145	32.8	15.6	46.8

