

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112219\
 Data File : VN059369.D
 Acq On : 22 Nov 2019 16:52
 Operator : JC/SP
 Sample : VN1122WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBSD01

Quant Time: Nov 22 22:36:41 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	364119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	571251	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	510297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	231272	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	212434	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
35) Dibromofluoromethane	7.57	113	170260	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
50) Toluene-d8	10.08	98	681426	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.40	95	239793	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	89279	19.152	ug/l	99
3) Chloromethane	2.04	50	105572	18.487	ug/l	99
4) Vinyl Chloride	2.17	62	113990	19.388	ug/l	100
5) Bromomethane	2.54	94	60660	18.583	ug/l	97
6) Chloroethane	2.68	64	59859	18.654	ug/l	95
7) Trichlorofluoromethane	3.00	101	117830	18.610	ug/l	100
8) Diethyl Ether	3.39	74	50512	19.515	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.73	101	75833	19.587	ug/l	99
10) Methyl Iodide	3.93	142	94354	19.610	ug/l	99
11) Tert butyl alcohol	4.75	59	80916	92.507	ug/l	99
12) 1,1-Dichloroethene	3.72	96	73907	18.807	ug/l	97
13) Acrolein	3.58	56	76857	96.256	ug/l	99
14) Allyl chloride	4.30	41	138531	18.870	ug/l	99
15) Acrylonitrile	4.95	53	223653	96.706	ug/l	99
16) Acetone	3.79	43	234268	119.591	ug/l	100
17) Carbon Disulfide	4.03	76	228605	18.649	ug/l	100
18) Methyl Acetate	4.30	43	127662	19.637	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	248296	19.562	ug/l	98
20) Methylene Chloride	4.52	84	86190	19.509	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	79043	18.978	ug/l	97
22) Diisopropyl ether	5.92	45	267496	19.352	ug/l	95
23) Vinyl Acetate	5.87	43	1039047	95.591	ug/l	100
24) 1,1-Dichloroethane	5.82	63	150448	19.337	ug/l	99
25) 2-Butanone	6.81	43	313646	102.967	ug/l	98
26) 2,2-Dichloropropane	6.80	77	126329	18.752	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	89566	19.060	ug/l	98
28) Bromochloromethane	7.17	49	58663	19.991	ug/l	96
29) Tetrahydrofuran	7.18	42	203267	96.506	ug/l	100
30) Chloroform	7.35	83	142142	18.741	ug/l	98
31) Cyclohexane	7.63	56	144462	18.779	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	124427	19.181	ug/l	100
36) 1,1-Dichloropropene	7.77	75	111608	18.925	ug/l	99
37) Ethyl Acetate	6.91	43	122215	19.283	ug/l	98
38) Carbon Tetrachloride	7.75	117	107548	19.050	ug/l	97

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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)

39) Methylcyclohexane	9.07	83	138719	19.507	ug/l	98
40) Benzene	8.02	78	335190	19.366	ug/l	99
41) Methacrylonitrile	7.19	41	175025	62.207	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	110681	19.335	ug/l	100
43) Isopropyl Acetate	8.15	43	186600	19.265	ug/l	99
44) Trichloroethene	8.82	130	86292	19.671	ug/l	98
45) 1,2-Dichloropropane	9.10	63	90314	19.568	ug/l	97
46) Dibromomethane	9.20	93	53779	18.996	ug/l	99
47) Bromodichloromethane	9.39	83	109229	19.265	ug/l	99
48) Methyl methacrylate	9.19	41	83292	18.910	ug/l	98
49) 1,4-Dioxane	9.18	88	25375	383.306	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	588805	103.853	ug/l	100
52) Toluene	10.15	92	204364	19.636	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	126097	19.132	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	140456	19.639	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	80641	19.929	ug/l	99
56) Ethyl methacrylate	10.42	69	118676	18.796	ug/l	99
57) 1,3-Dichloropropane	10.70	76	141400	20.049	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	186039	90.189	ug/l	99
59) 2-Hexanone	10.75	43	430824	103.775	ug/l	100
60) Dibromochloromethane	10.90	129	82881	19.437	ug/l	98
61) 1,2-Dibromoethane	11.00	107	81442	19.343	ug/l	99
64) Tetrachloroethene	10.63	164	80068	20.287	ug/l	98
65) Chlorobenzene	11.43	112	213184	19.429	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	78851	19.781	ug/l	100
67) Ethyl Benzene	11.51	91	386392	19.723	ug/l	99
68) m/p-Xylenes	11.62	106	285503	39.219	ug/l	99
69) o-Xylene	11.95	106	138369	19.854	ug/l	96
70) Styrene	11.96	104	212992	19.368	ug/l	99
71) Bromoform	12.13	173	58671	19.435	ug/l #	99
73) Isopropylbenzene	12.25	105	370928	19.579	ug/l	100
74) N-amyl acetate	12.07	43	140079	18.398	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	118109	18.846	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	159602	29.871	ug/l #	100
77) Bromobenzene	12.53	156	87810	19.109	ug/l	99
78) n-propylbenzene	12.59	91	426928	19.894	ug/l	100
79) 2-Chlorotoluene	12.68	91	249798	18.964	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	310922	19.523	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	39941	18.697	ug/l	99
82) 4-Chlorotoluene	12.78	91	252211	18.503	ug/l	98
83) tert-Butylbenzene	12.99	119	266051	19.780	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	304863	19.541	ug/l	99
85) sec-Butylbenzene	13.17	105	356673	19.729	ug/l	100
86) p-Isopropyltoluene	13.29	119	315545	19.615	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	153161	18.716	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	150550	18.594	ug/l	97
89) n-Butylbenzene	13.62	91	261272	18.514	ug/l	99
90) Hexachloroethane	13.88	117	56369	18.502	ug/l	96
91) 1,2-Dichlorobenzene	13.66	146	151389	19.121	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22524	16.905	ug/l	98

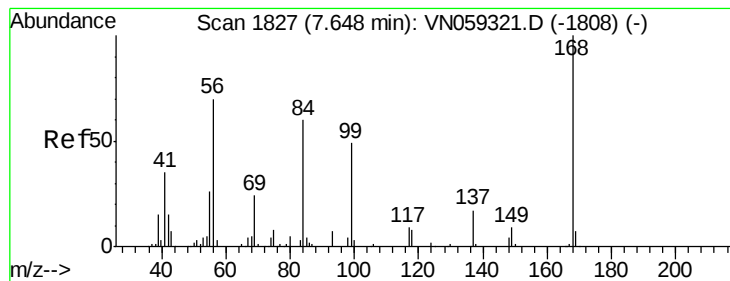
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112219\
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Quant Time: Nov 22 22:36:41 2019
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Quant Title : SW846 8260
QLast Update : Thu Nov 21 08:44:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	77920	17.832	ug/l	99
94) Hexachlorobutadiene	15.01	225	54557	19.126	ug/l	98
95) Naphthalene	15.13	128	206338	17.342	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	78915	17.608	ug/l	99

(#) = 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: VN059369.D

Acq: 22 Nov 2019 16:52

Instrument :

MSVOA_N

ClientSampleId :

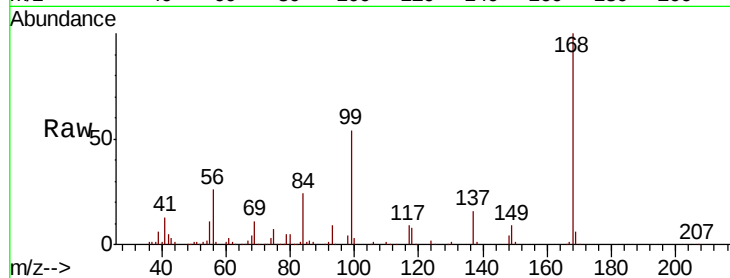
VN1122WBSD01

Tot Ion:168 Resp: 364119

Ion Ratio Lower Upper

168 100

99 53.9 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

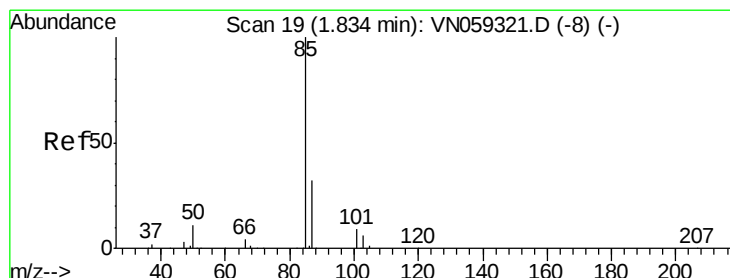
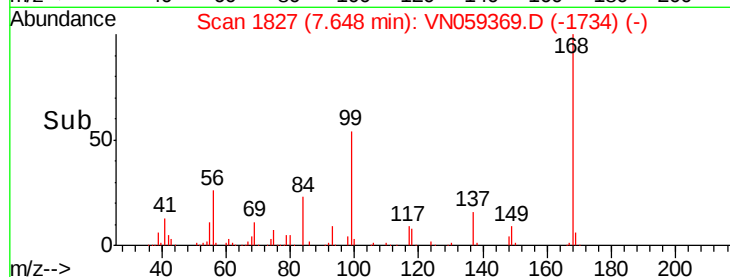
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.152 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059369.D

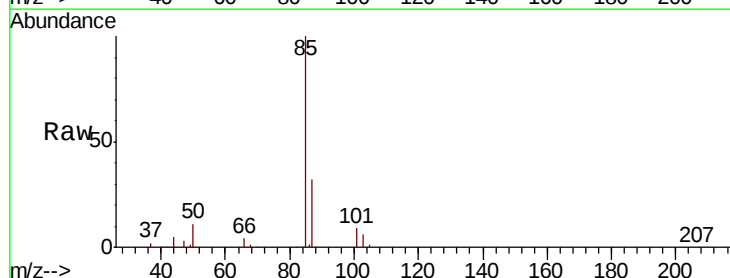
Acq: 22 Nov 2019 16:52

Tgt Ion: 85 Resp: 89279

Ion Ratio Lower Upper

85 100

87 32.5 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

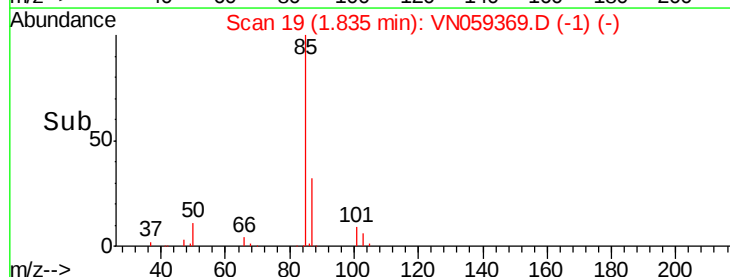
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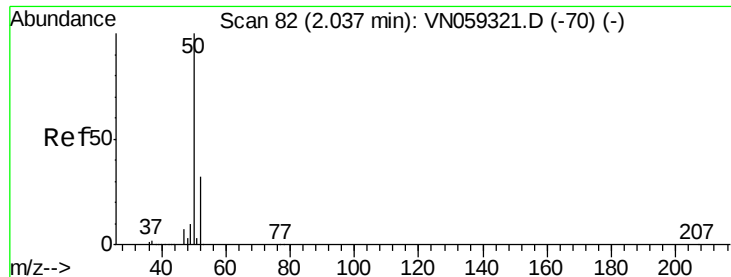
20000

0

1.80 1.90

Time-->





#3

Chloromethane

Concen: 18.487 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

Instrument :

MSVOA_N

ClientSampleId :

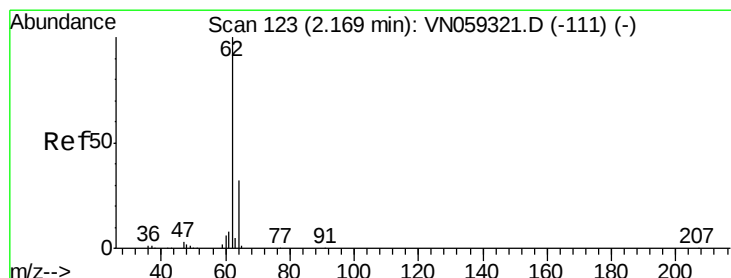
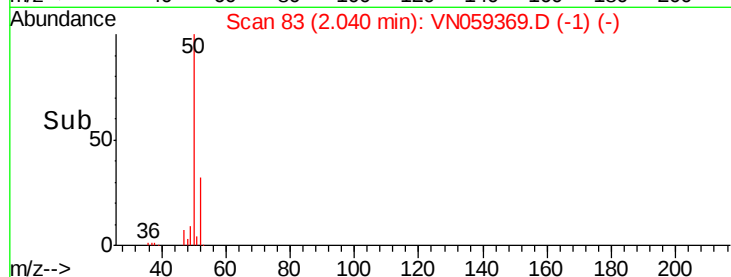
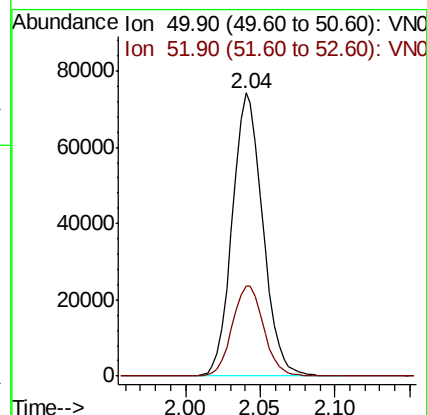
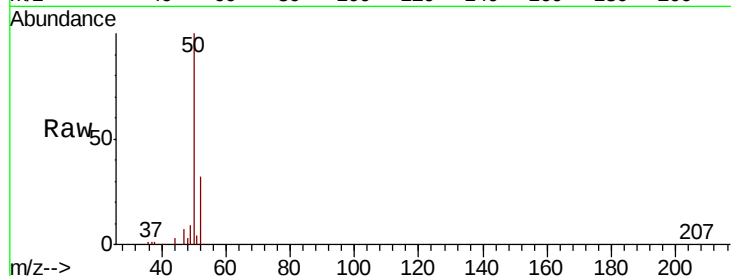
VN1122WBSD01

Tot Ion: 50 Resp: 105572

Ion Ratio Lower Upper

50 100

52 31.7 26.0 39.0



#4

Vinyl Chloride

Concen: 19.388 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059369.D

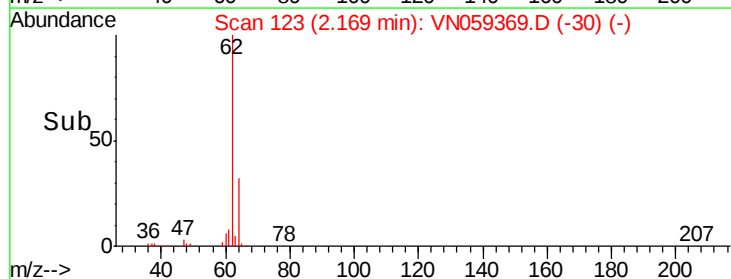
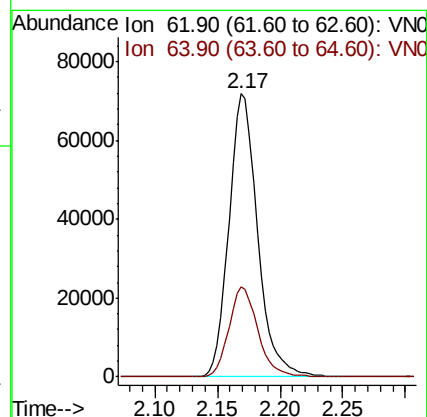
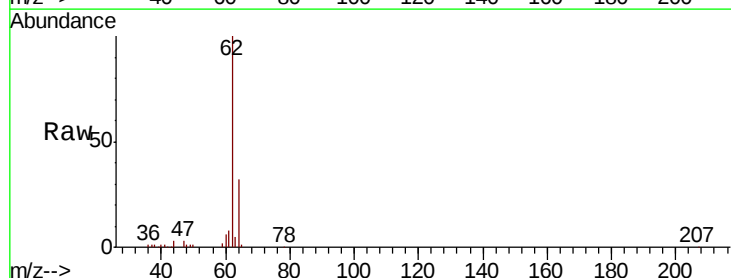
Acq: 22 Nov 2019 16:52

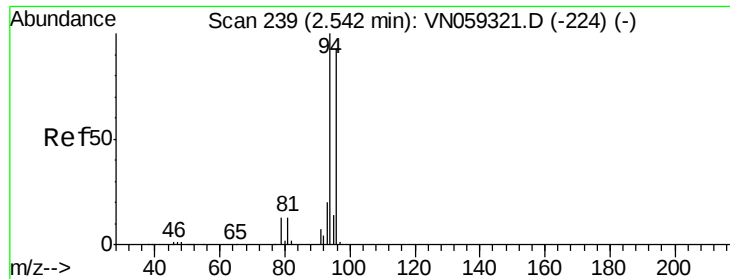
Tgt Ion: 62 Resp: 113990

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 18.583 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

Instrument :

MSVOA_N

ClientSampleId :

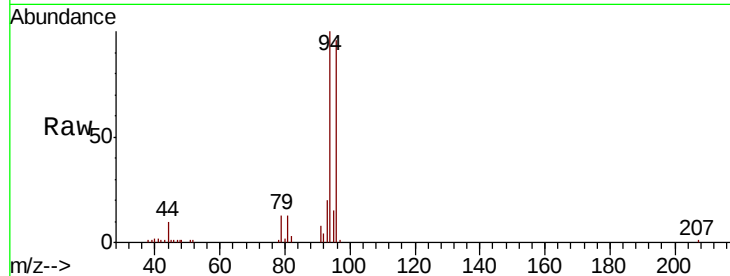
VN1122WBSD01

Tot Ion: 94 Resp: 60660

Ion Ratio Lower Upper

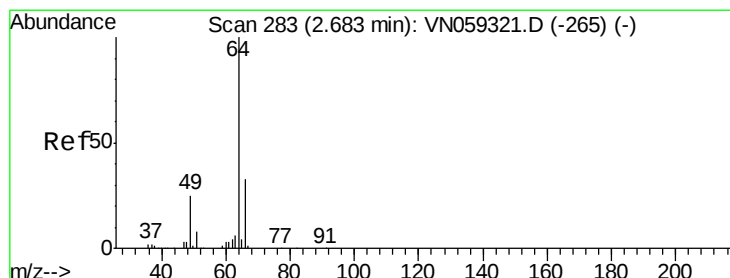
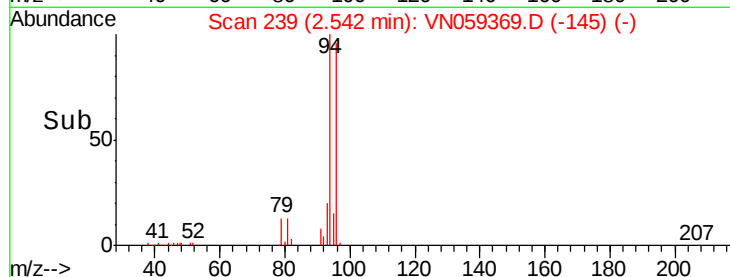
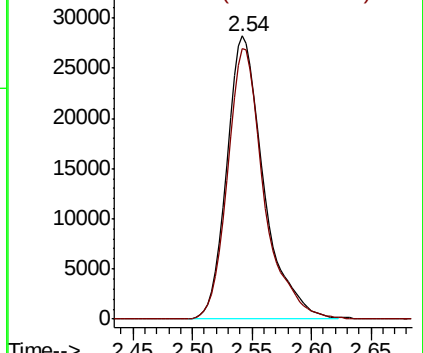
94 100

96 95.7 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: 18.654 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059369.D

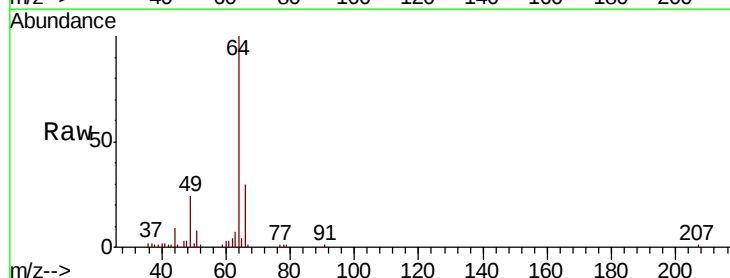
Acq: 22 Nov 2019 16:52

Tgt Ion: 64 Resp: 59859

Ion Ratio Lower Upper

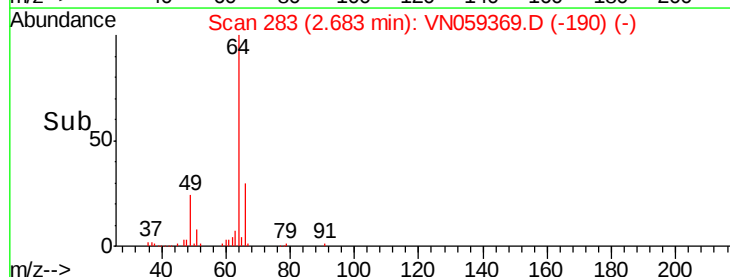
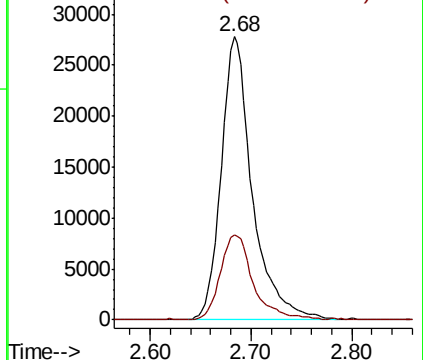
64 100

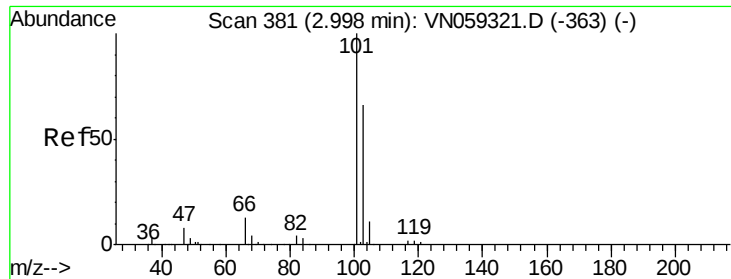
66 30.1 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



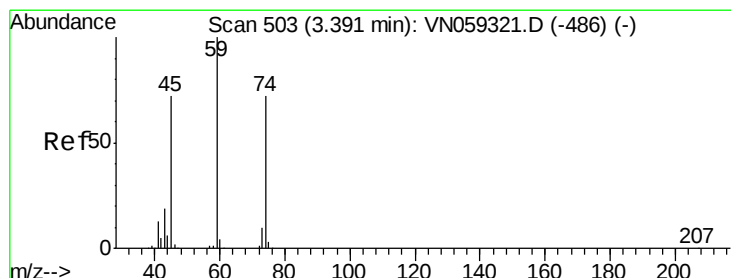
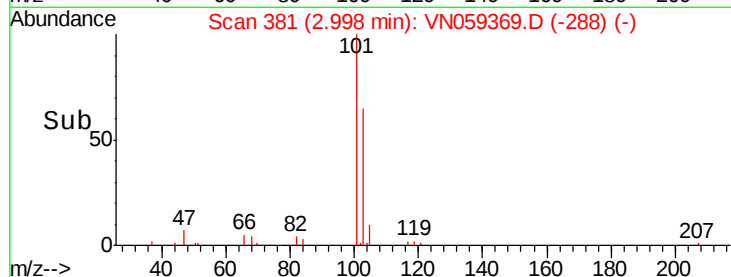
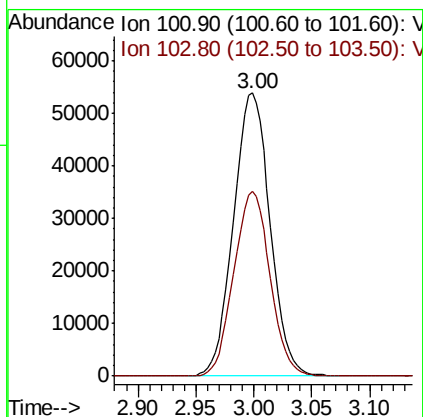
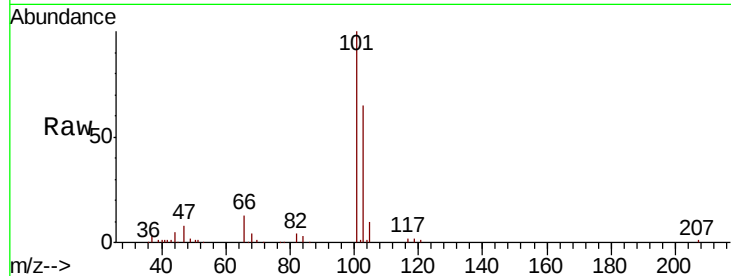


#7

Trichlorofluoromethane
Concen: 18.610 ug/l
RT: 3.00 min Scan# 381
Delta R.T. 0.00 min
Lab File: VN059369.D
Acq: 22 Nov 2019 16:52

Instrument :
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VN1122WBSD01

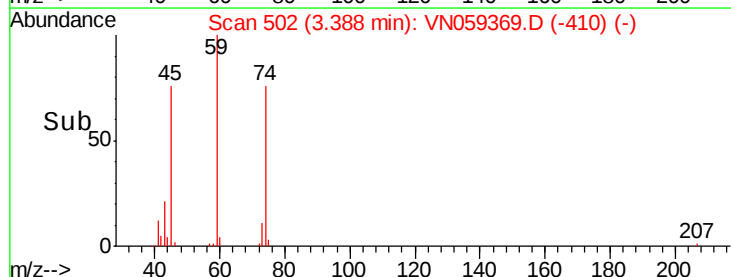
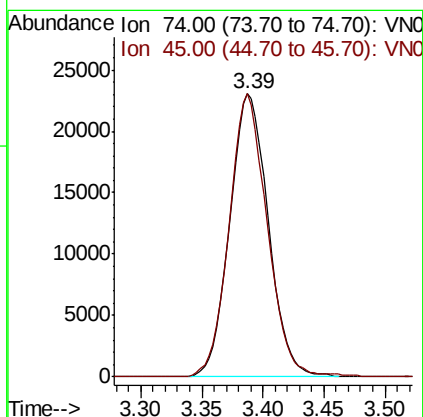
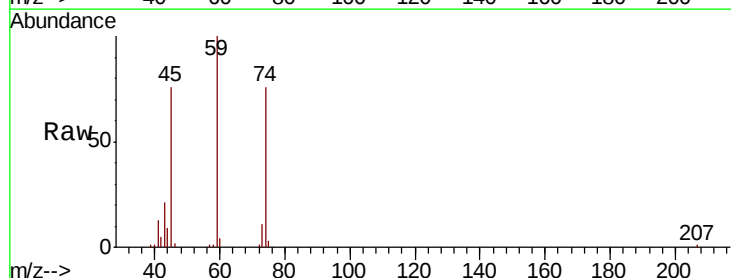
Tot Ion:101 Resp: 117830
Ion Ratio Lower Upper
101 100
103 65.5 52.5 78.7

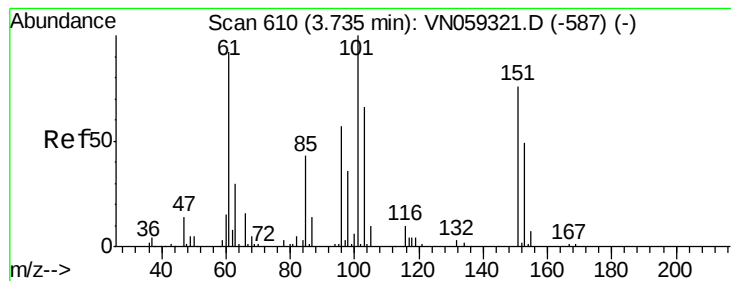


#8

Diethyl Ether
Concen: 19.515 ug/l
RT: 3.39 min Scan# 502
Delta R.T. -0.00 min
Lab File: VN059369.D
Acq: 22 Nov 2019 16:52

Tgt Ion: 74 Resp: 50512
Ion Ratio Lower Upper
74 100
45 98.5 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.587 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBSD01

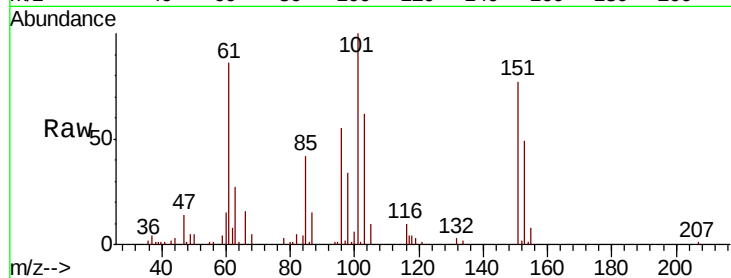
Tot Ion:101 Resp: 75833

Ion Ratio Lower Upper

101 100

85 42.5 34.8 52.2

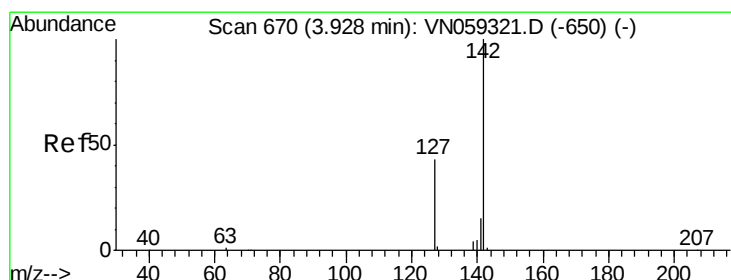
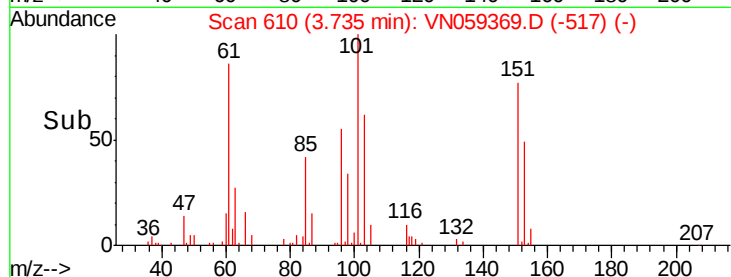
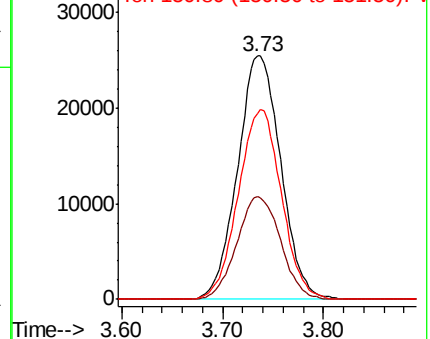
151 77.6 62.2 93.4



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: 19.610 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

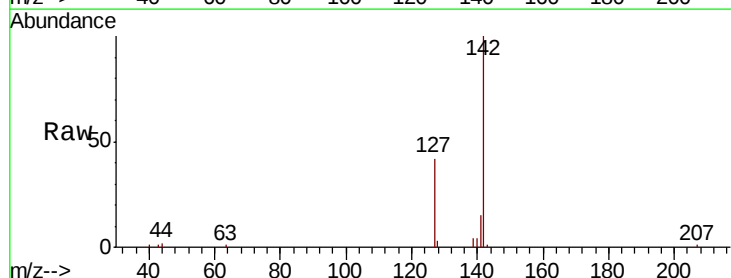
Tgt Ion:142 Resp: 94354

Ion Ratio Lower Upper

142 100

127 41.6 33.8 50.6

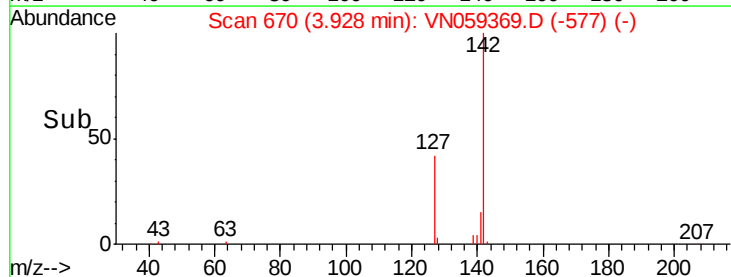
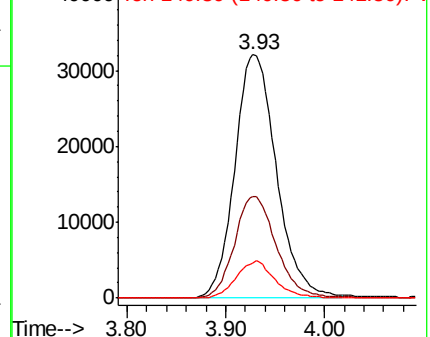
141 14.2 11.2 16.8

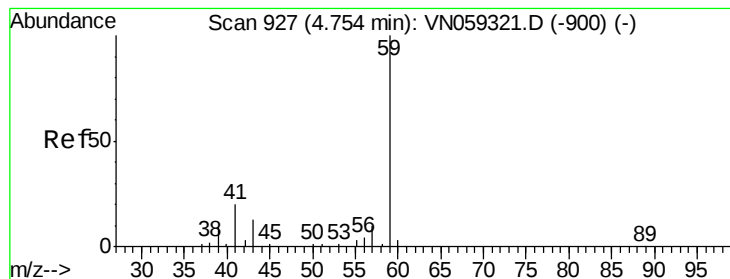


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



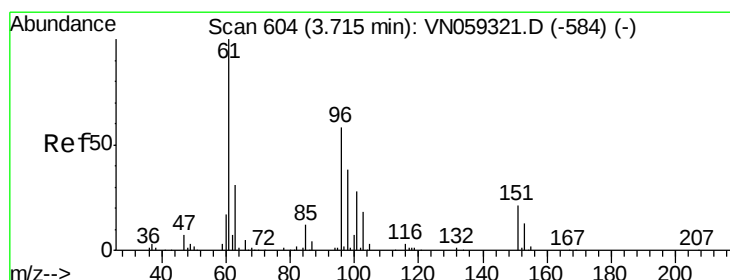
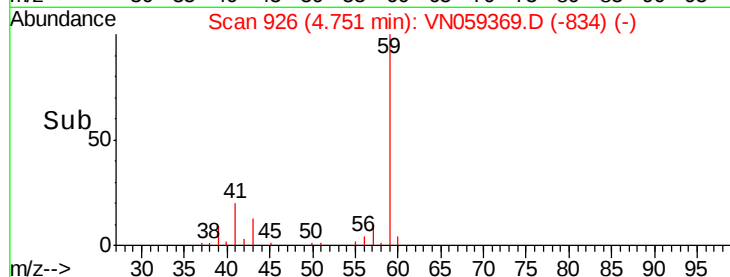
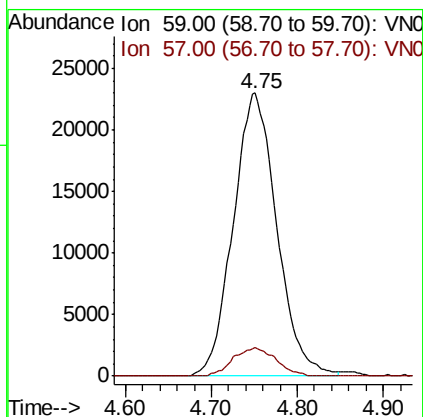
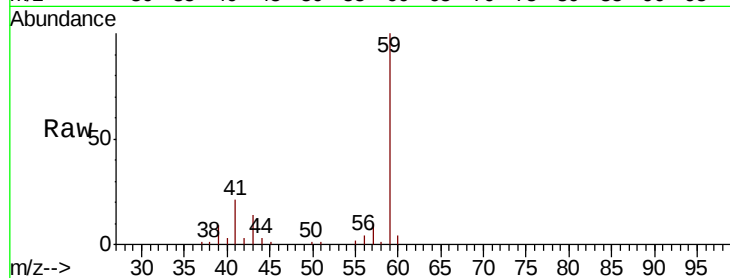


#11

Tert butyl alcohol
 Concen: 92.507 ug/l
 RT: 4.75 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: VN059369.D
 Acq: 22 Nov 2019 16:52

Instrument :
 MSVOA_N
 ClientSampled :
 VN1122WBSD01

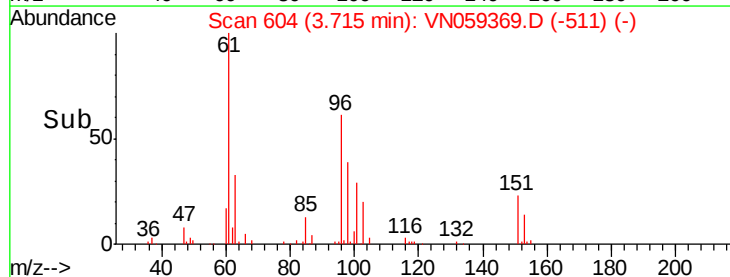
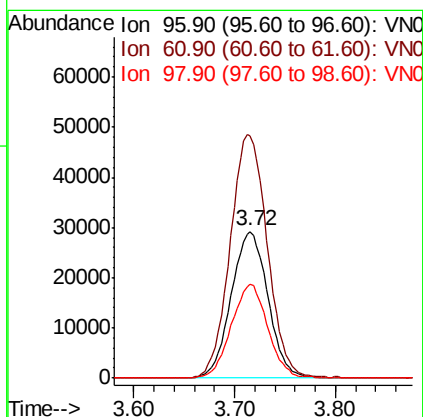
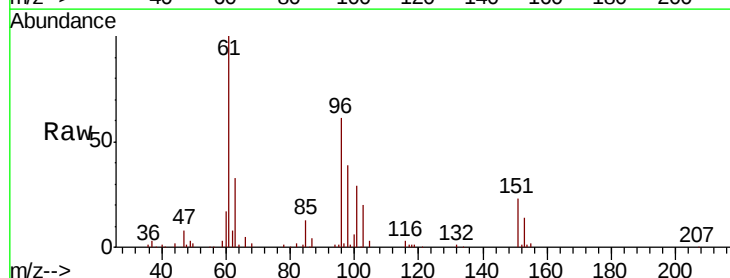
Tot Ion: 59 Resp: 80916
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.2 12.2

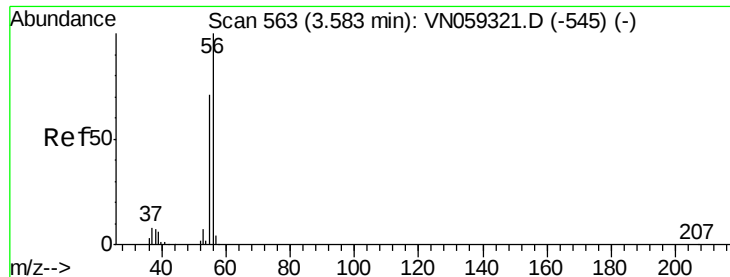


#12

1,1-Dichloroethene
 Concen: 18.807 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN059369.D
 Acq: 22 Nov 2019 16:52

Tgt Ion: 96 Resp: 73907
 Ion Ratio Lower Upper
 96 100
 61 164.9 136.8 205.2
 98 64.0 51.6 77.4





#13

Acrolein

Concen: 96.256 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

Instrument :

MSVOA_N

ClientSampleId :

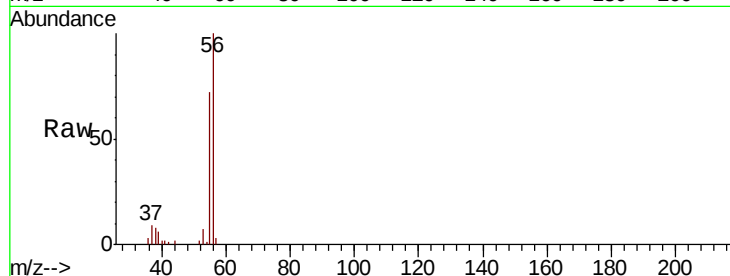
VN1122WBSD01

Tot Ion: 56 Resp: 76857

Ion Ratio Lower Upper

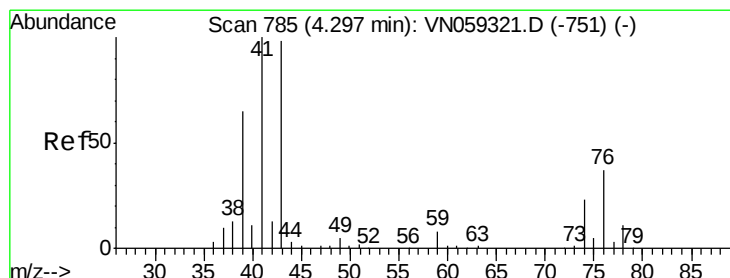
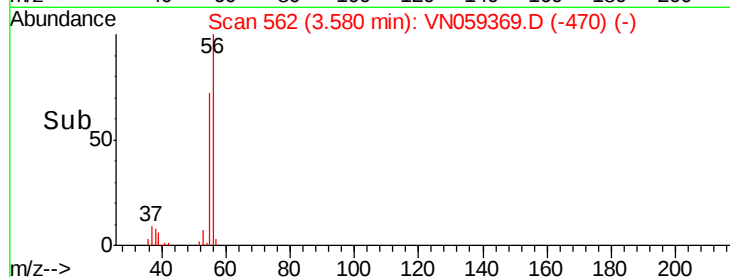
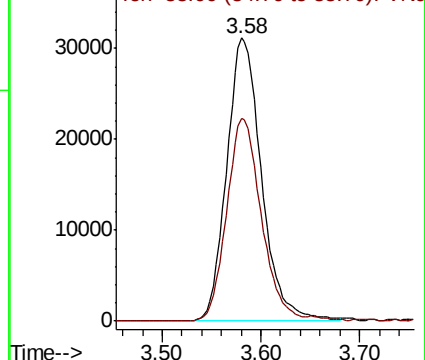
56 100

55 70.9 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.870 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

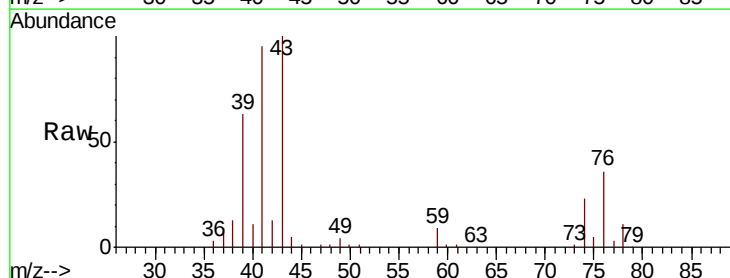
Tgt Ion: 41 Resp: 138531

Ion Ratio Lower Upper

41 100

39 59.8 48.4 72.6

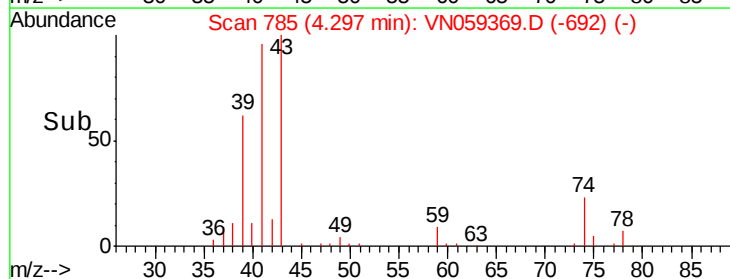
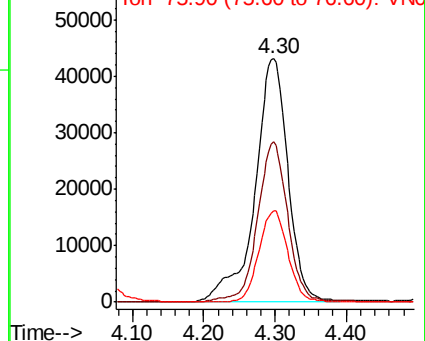
76 32.8 26.2 39.4

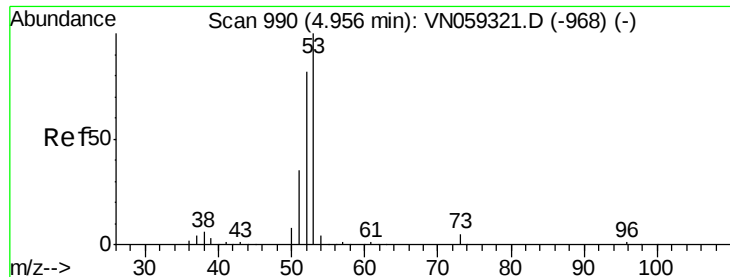


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 96.706 ug/l

RT: 4.95 min Scan# 989

Delta R.T. -0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBSD01

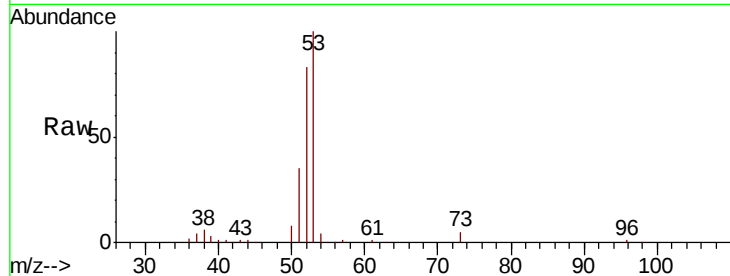
Tot Ion: 53 Resp: 223653

Ion Ratio Lower Upper

53 100

52 81.3 65.8 98.8

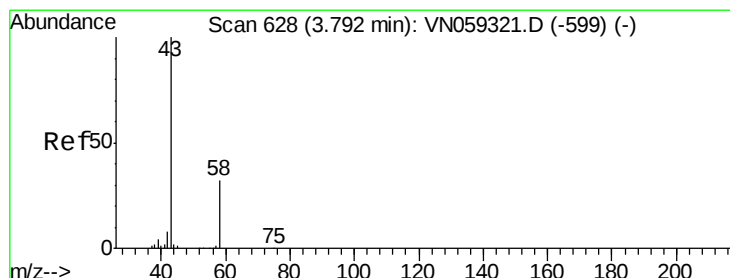
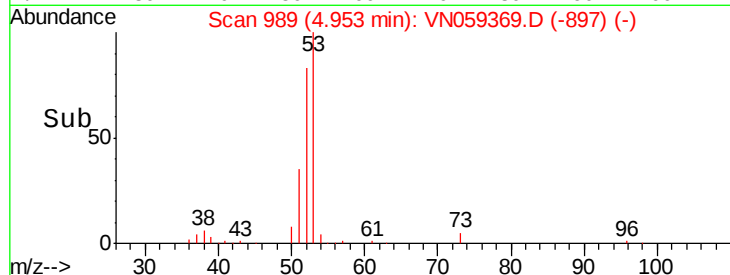
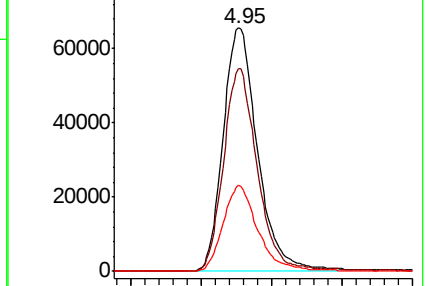
51 35.5 28.2 42.2



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: 119.591 ug/l

RT: 3.79 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN059369.D

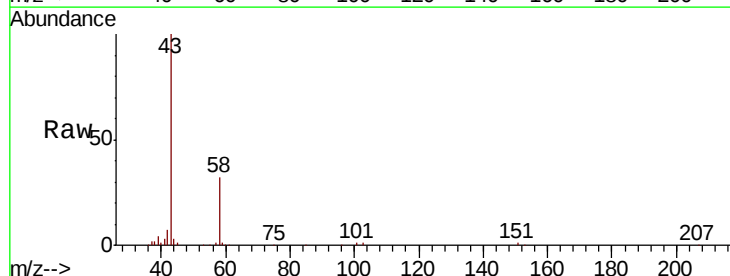
Acq: 22 Nov 2019 16:52

Tgt Ion: 43 Resp: 234268

Ion Ratio Lower Upper

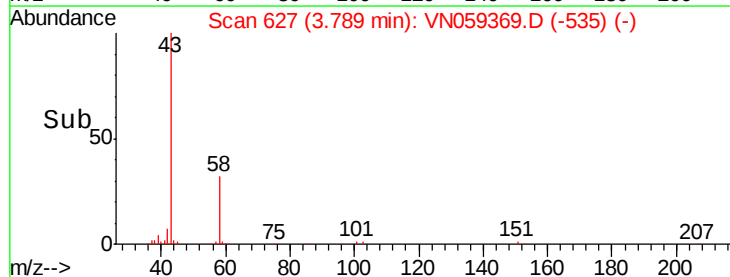
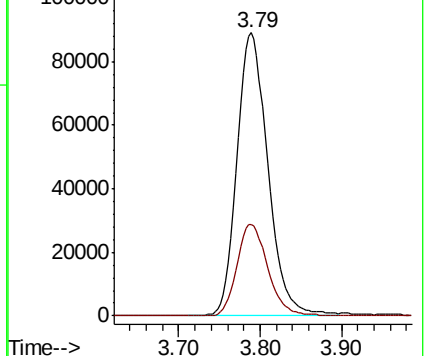
43 100

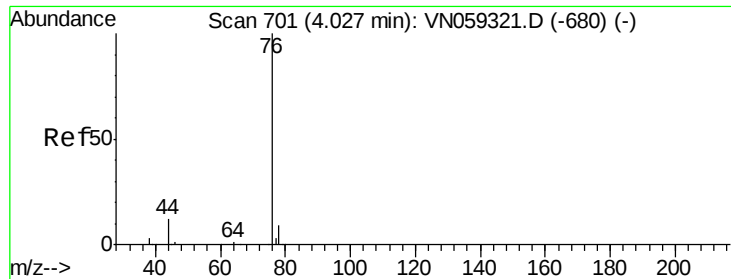
58 32.5 25.8 38.6



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

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

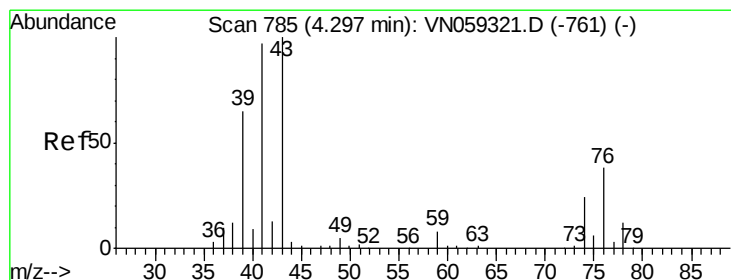
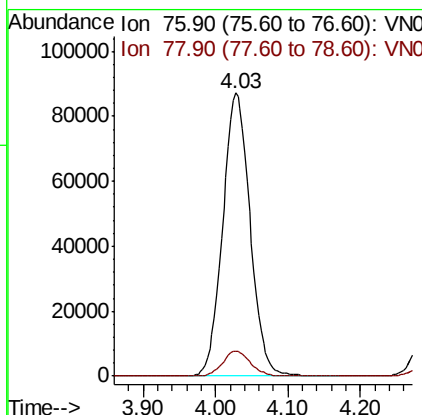
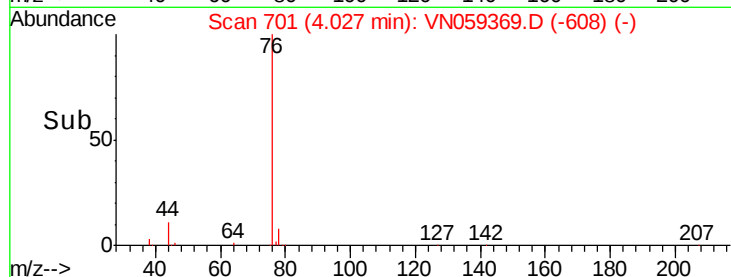
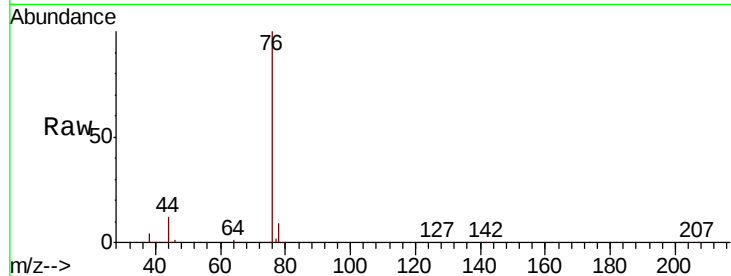




#17
Carbon Disulfide
Concen: 18.649 ug/l
RT: 4.03 min Scan# 701
Delta R.T. 0.00 min
Lab File: VN059369.D
Acq: 22 Nov 2019 16:52

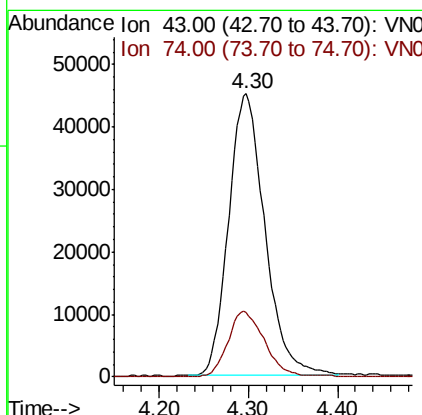
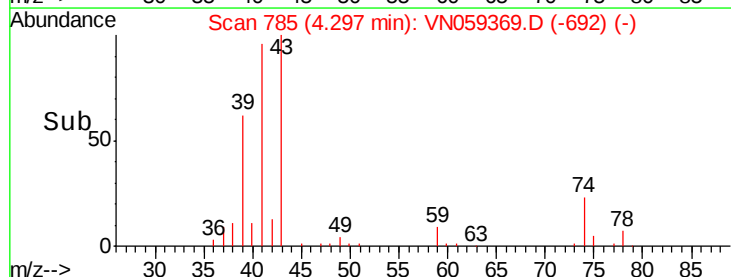
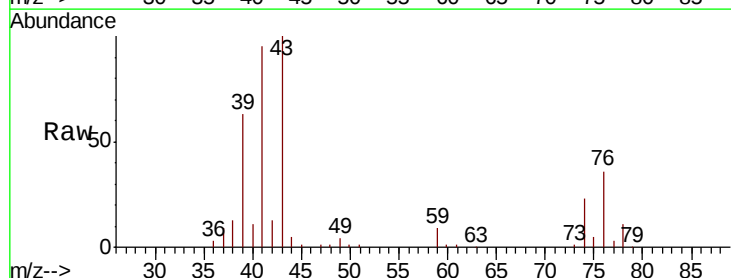
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

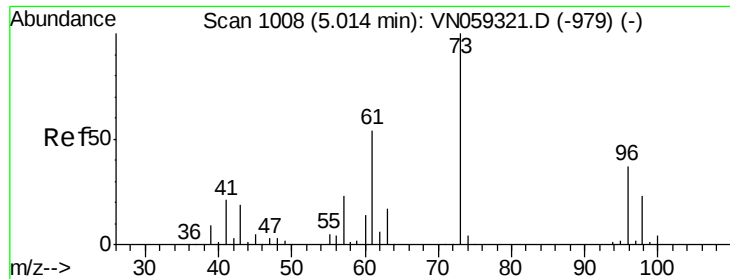
Tot Ion: 76 Resp: 228605
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 19.637 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN059369.D
Acq: 22 Nov 2019 16:52

Tgt Ion: 43 Resp: 127662
Ion Ratio Lower Upper
43 100
74 23.2 18.1 27.1

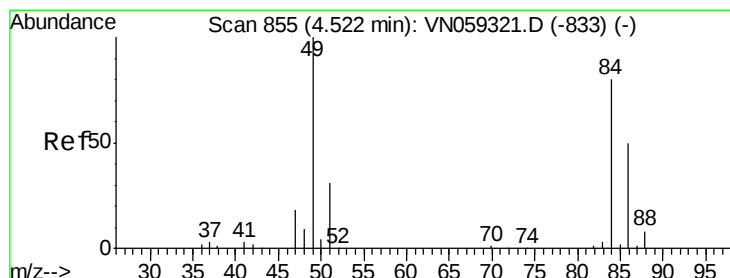
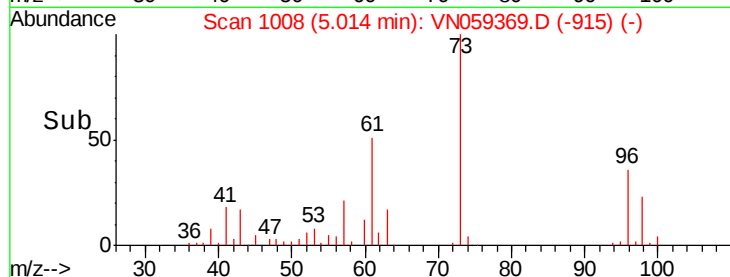
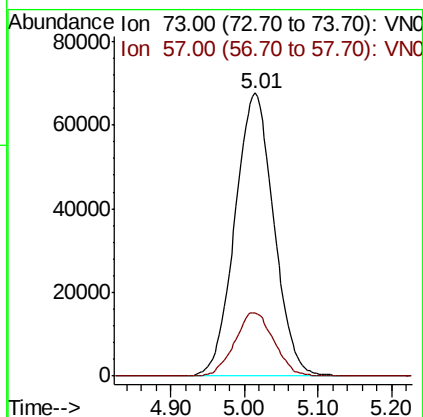
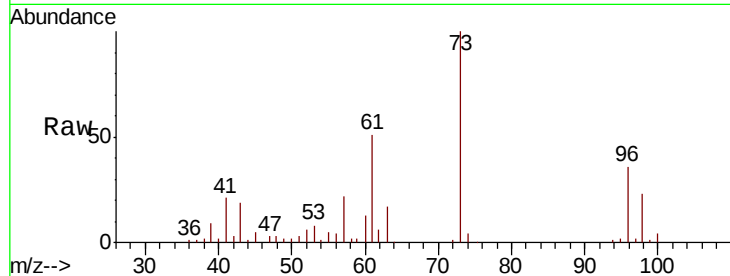




#19
Methyl tert-butyl Ether
Concen: 19.562 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VN059369.D
Acq: 22 Nov 2019 16:52

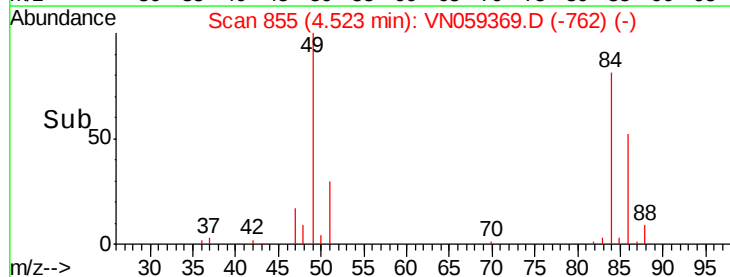
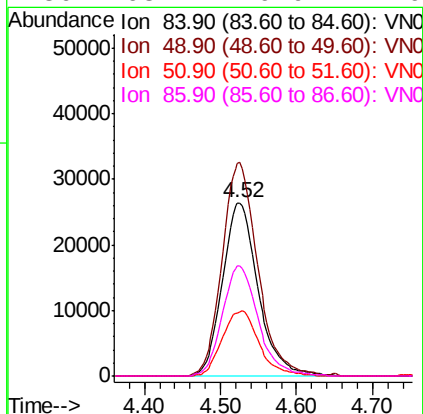
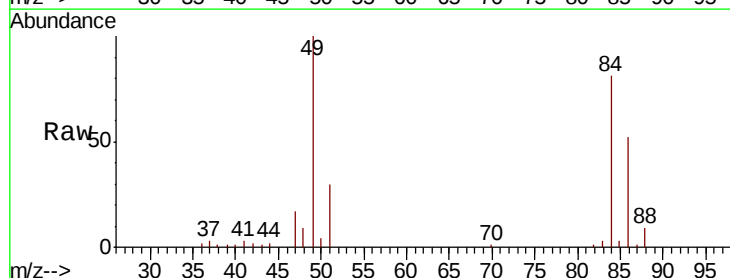
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

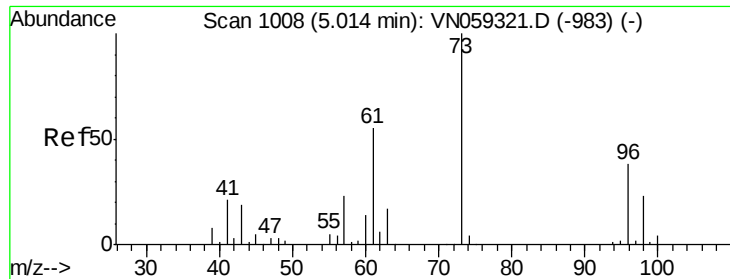
Tot Ion: 73 Resp: 248296
Ion Ratio Lower Upper
73 100
57 22.1 18.4 27.6



#20
Methylene Chloride
Concen: 19.509 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059369.D
Acq: 22 Nov 2019 16:52

Tgt Ion: 84 Resp: 86190
Ion Ratio Lower Upper
84 100
49 122.9 99.5 149.3
51 36.4 31.1 46.7
86 63.4 49.9 74.9

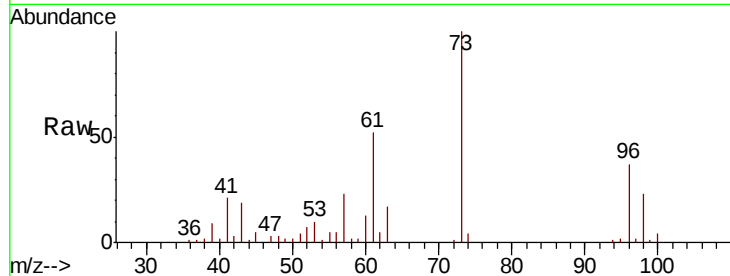




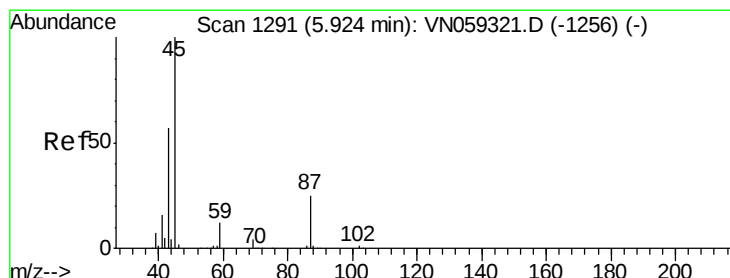
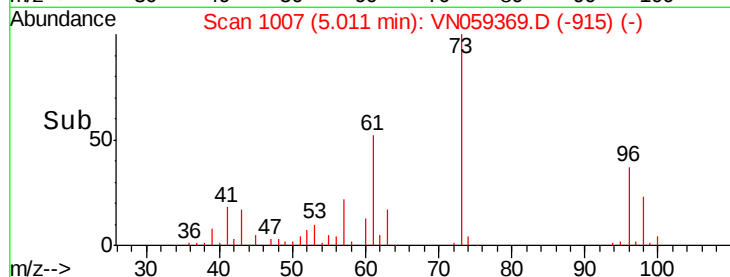
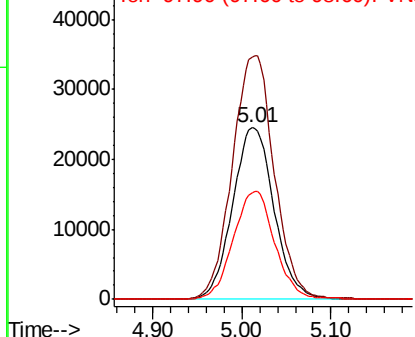
#21
trans-1,2-Dichloroethene
Concen: 18.978 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059369.D
Acq: 22 Nov 2019 16:52

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Tot Ion: 96 Resp: 79043
Ion Ratio Lower Upper
96 100
61 140.6 116.4 174.6
98 62.1 49.6 74.4

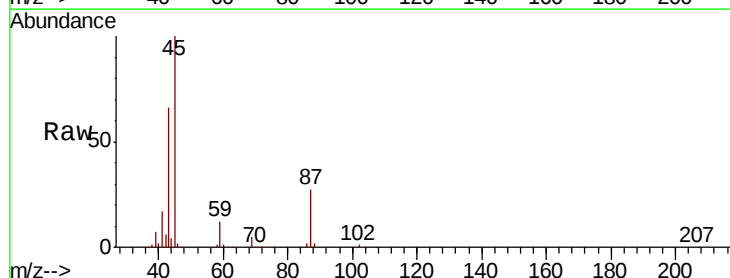


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

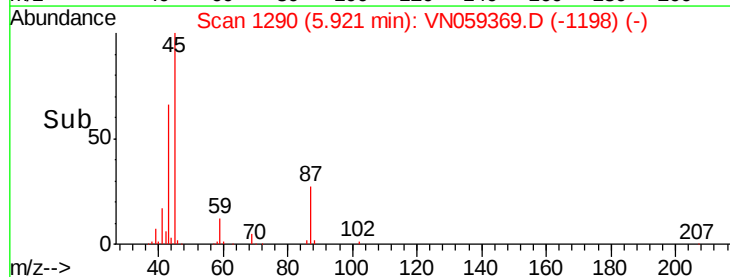
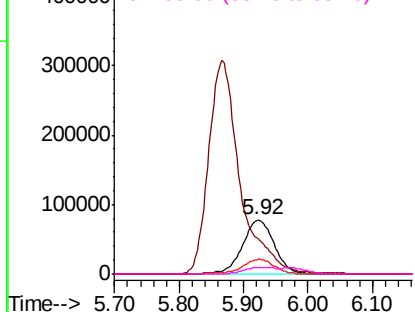


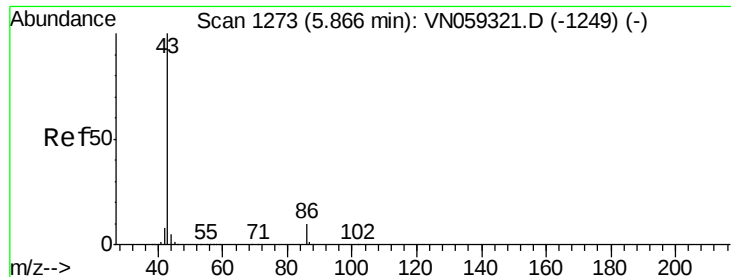
#22
Diisopropyl ether
Concen: 19.352 ug/l
RT: 5.92 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VN059369.D
Acq: 22 Nov 2019 16:52

Tgt Ion: 45 Resp: 267496
Ion Ratio Lower Upper
45 100
43 64.8 47.6 71.4
87 27.2 20.7 31.1
59 11.8 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: 95.591 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

Instrument :

MSVOA_N

ClientSampleID :

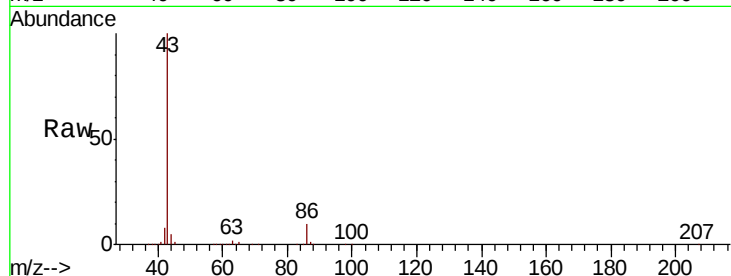
VN1122WBSD01

Tot Ion: 43 Resp: 1039047

Ion Ratio Lower Upper

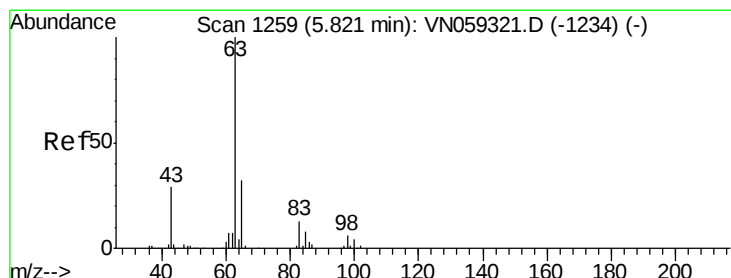
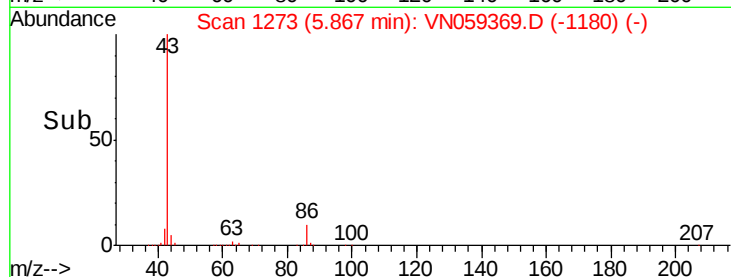
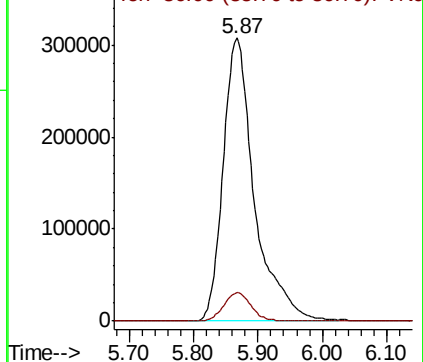
43 100

86 9.9 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.337 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

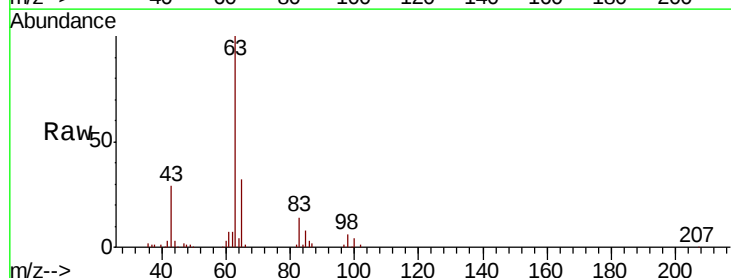
Tgt Ion: 63 Resp: 150448

Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.8

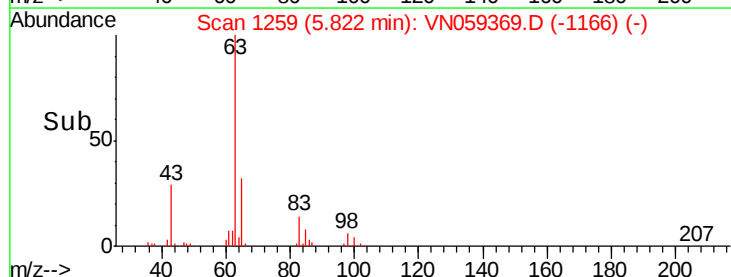
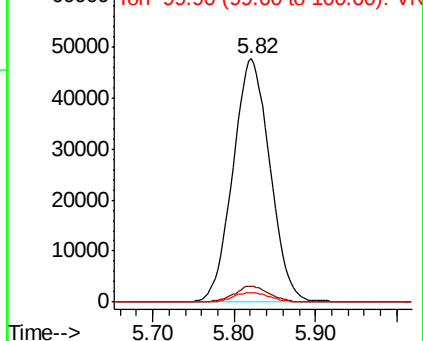
100 4.1 1.9 5.7

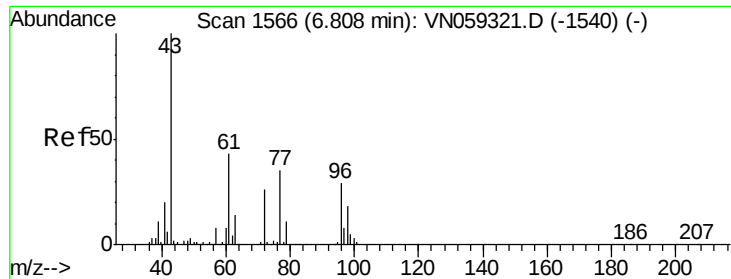


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 102.967 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

Instrument :

MSVOA_N

ClientSampleId :

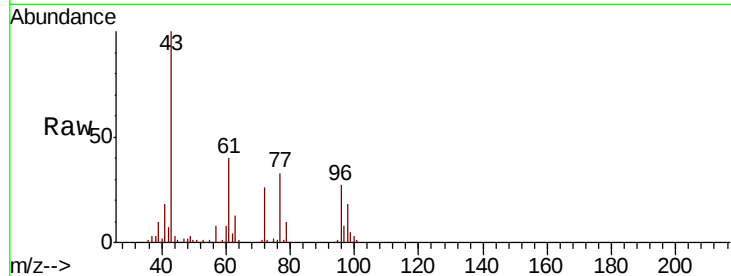
VN1122WBSD01

Tot Ion: 43 Resp: 313646

Ion Ratio Lower Upper

43 100

72 26.4 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.81

120000

100000

80000

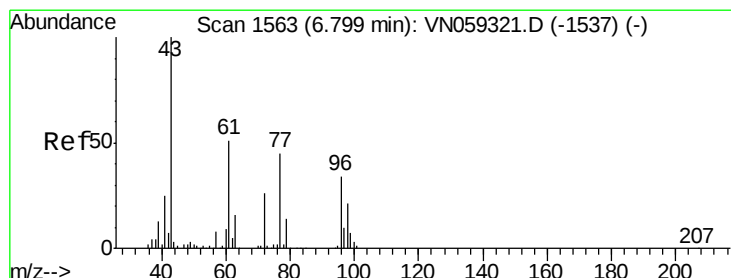
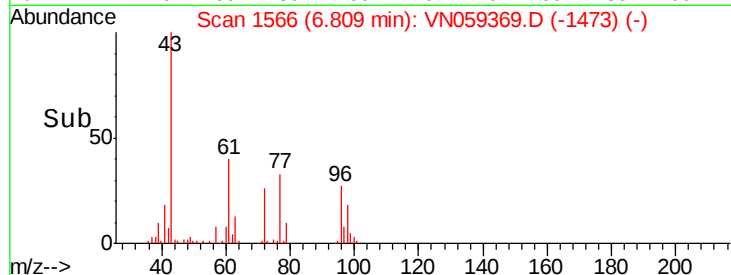
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 18.752 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN059369.D

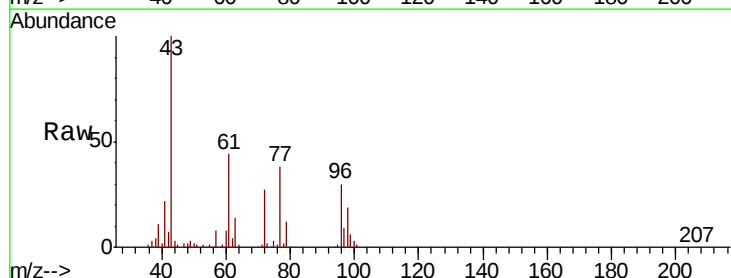
Acq: 22 Nov 2019 16:52

Tgt Ion: 77 Resp: 126329

Ion Ratio Lower Upper

77 100

97 23.4 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.80

40000

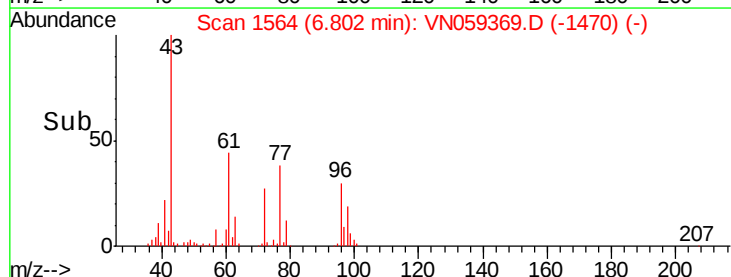
30000

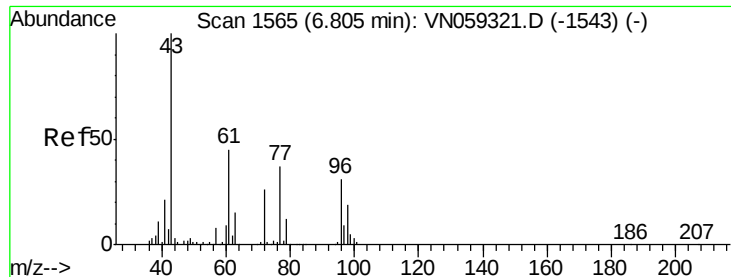
20000

10000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 19.060 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

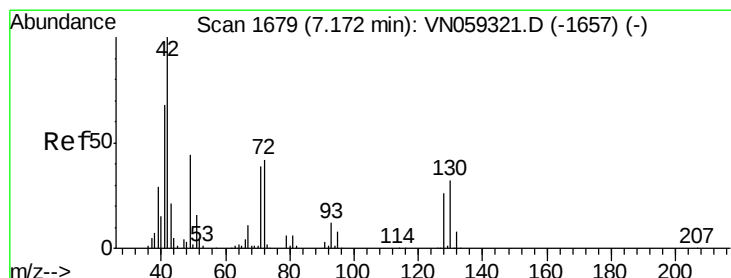
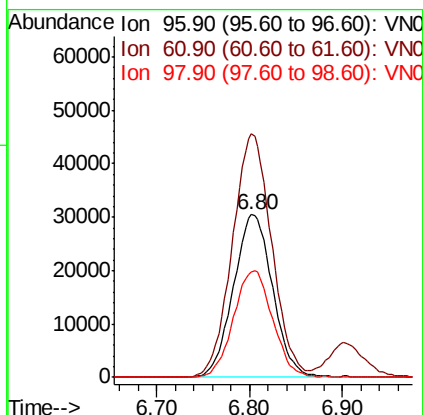
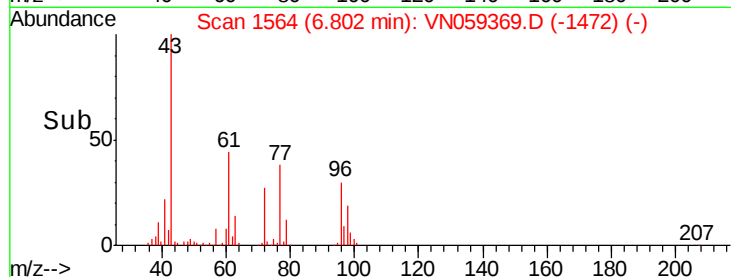
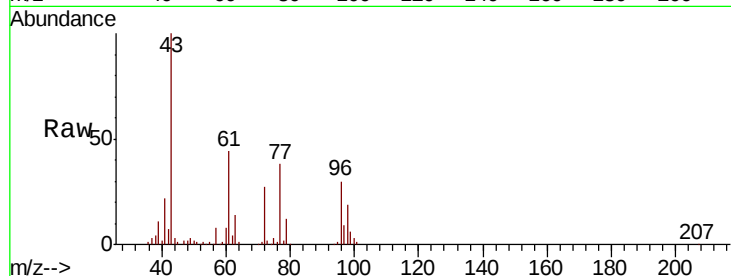
Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Tot Ion: 96 Resp: 89566

Ion	Ratio	Lower	Upper
96	100		
61	149.8	0.0	304.0
98	65.0	0.0	128.4



#28

Bromochloromethane

Concen: 19.991 ug/l

RT: 7.17 min Scan# 1679

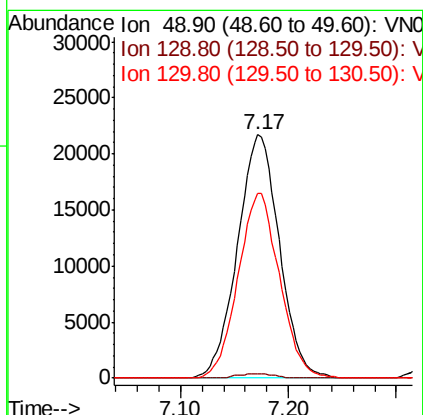
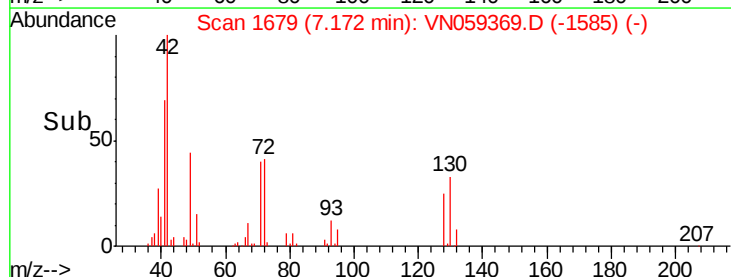
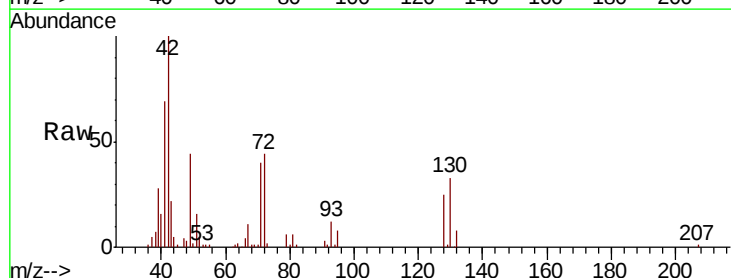
Delta R.T. 0.00 min

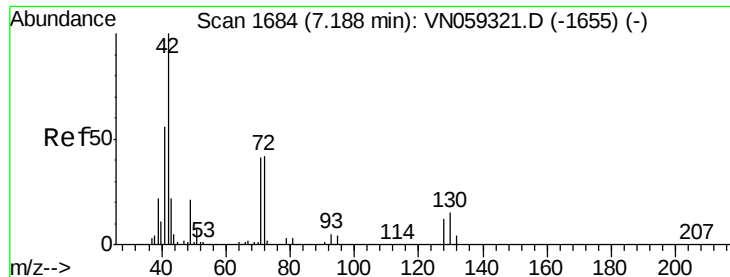
Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

Tgt Ion: 49 Resp: 58663

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.8
130	74.9	57.0	85.6





#29

Tetrahydrofuran

Concen: 96.506 ug/l

RT: 7.18 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBSD01

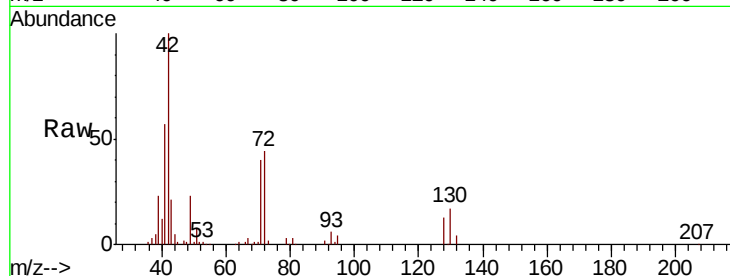
Tot Ion: 42 Resp: 203267

Ion Ratio Lower Upper

42 100

72 42.9 34.2 51.2

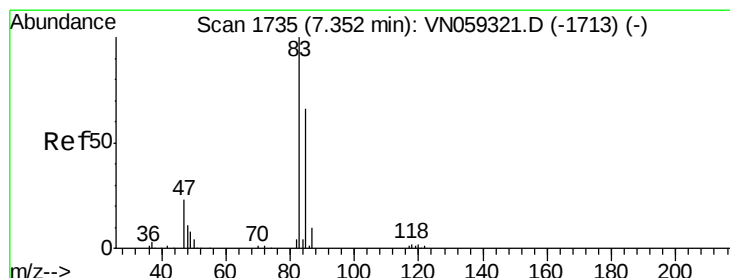
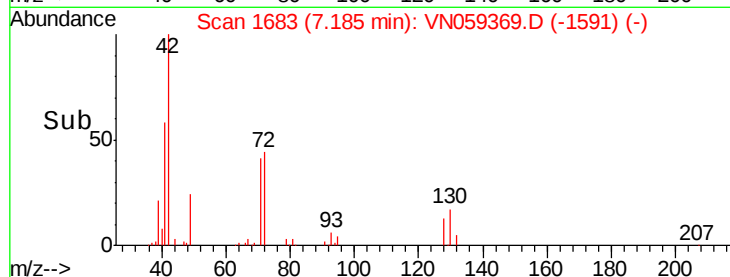
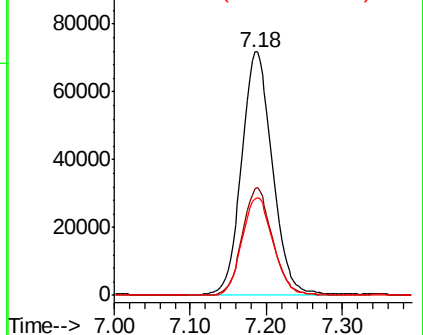
71 40.4 32.6 48.8



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 18.741 ug/l

RT: 7.35 min Scan# 1734

Delta R.T. -0.00 min

Lab File: VN059369.D

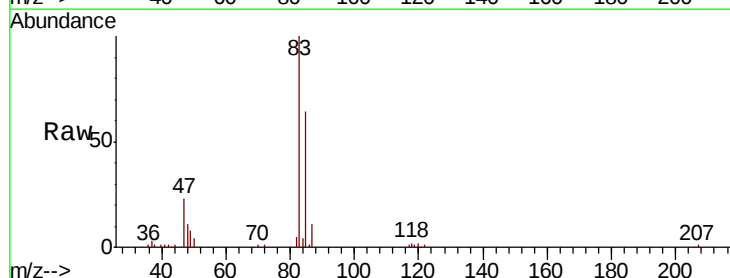
Acq: 22 Nov 2019 16:52

Tgt Ion: 83 Resp: 142142

Ion Ratio Lower Upper

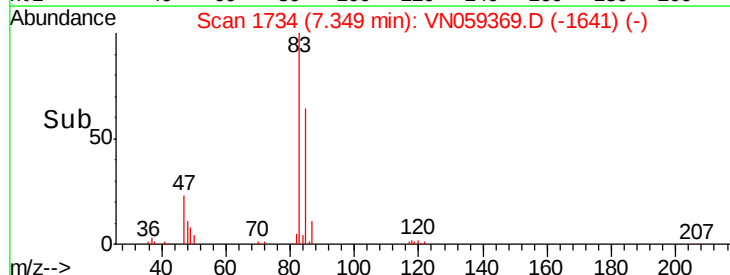
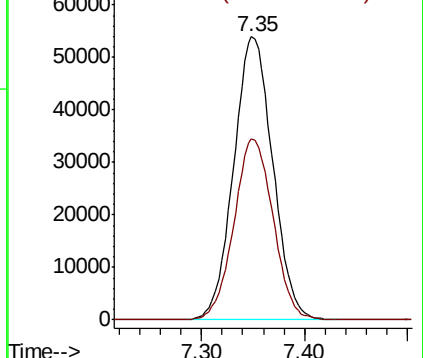
83 100

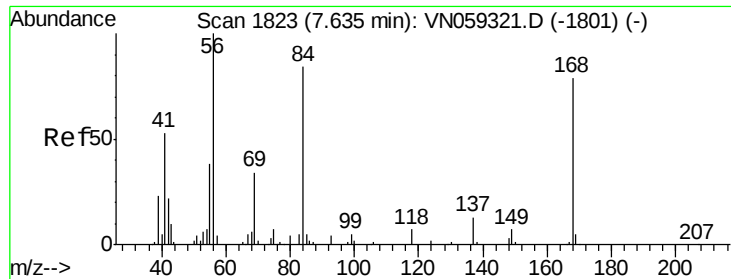
85 64.1 52.7 79.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

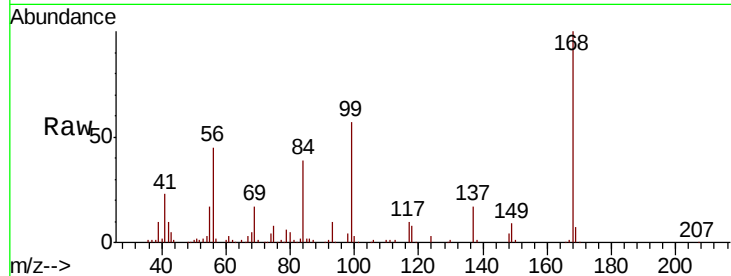




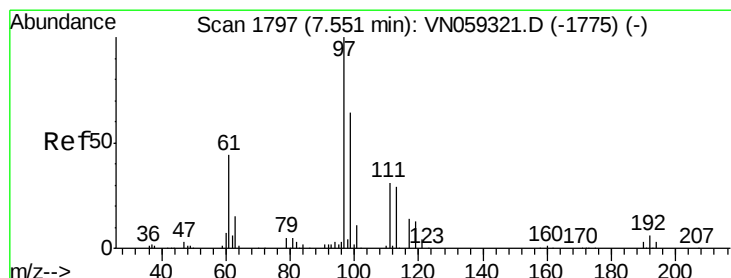
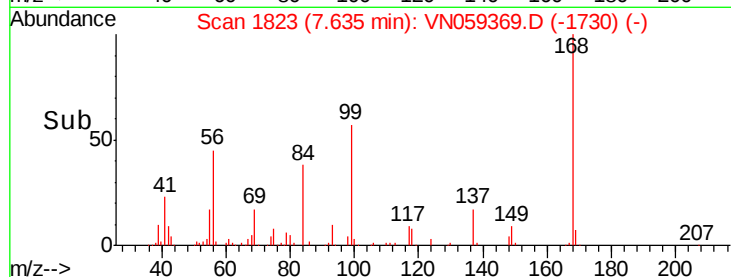
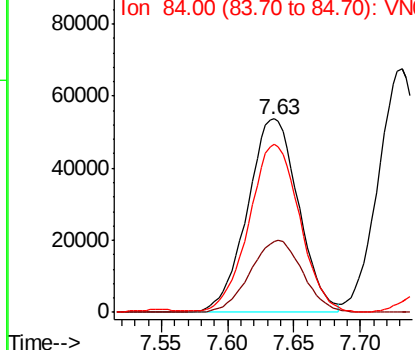
#31
Cyclohexane
Concen: 18.779 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VN059369.D
Acq: 22 Nov 2019 16:52

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Tot Ion: 56 Resp: 144462
Ion Ratio Lower Upper
56 100
69 36.9 26.6 40.0
84 86.2 67.0 100.4

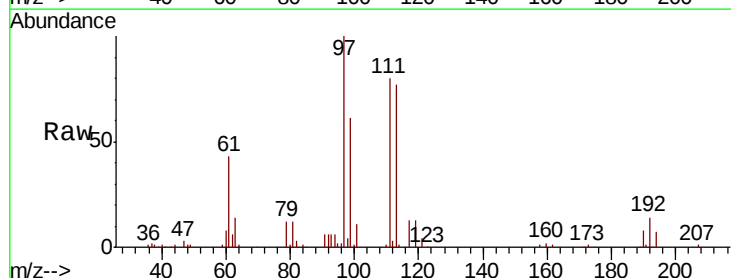


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

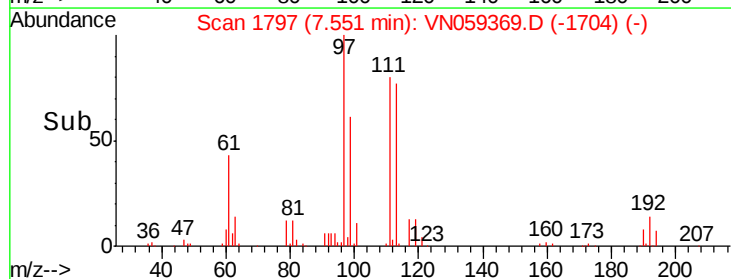
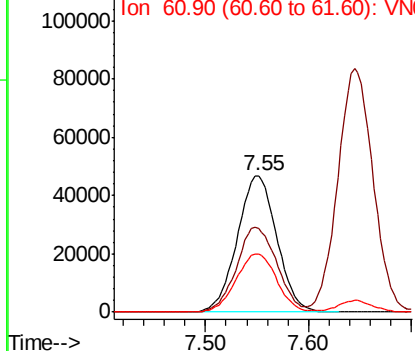


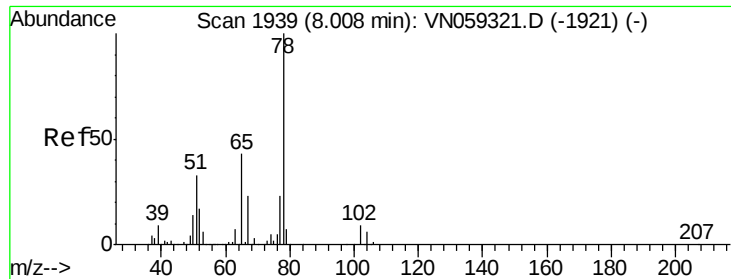
#32
1,1,1-Trichloroethane
Concen: 19.181 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN059369.D
Acq: 22 Nov 2019 16:52

Tgt Ion: 97 Resp: 124427
Ion Ratio Lower Upper
97 100
99 63.9 51.3 76.9
61 44.0 35.3 52.9



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

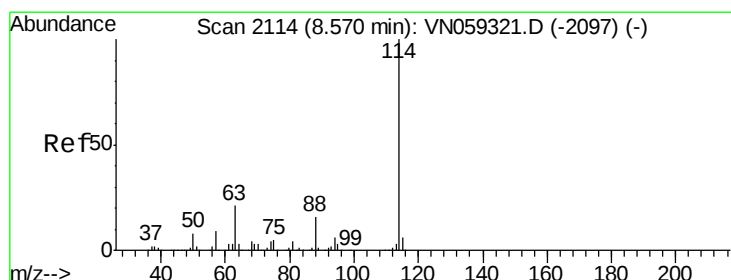
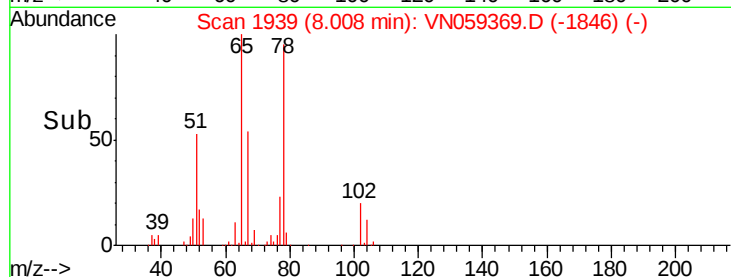
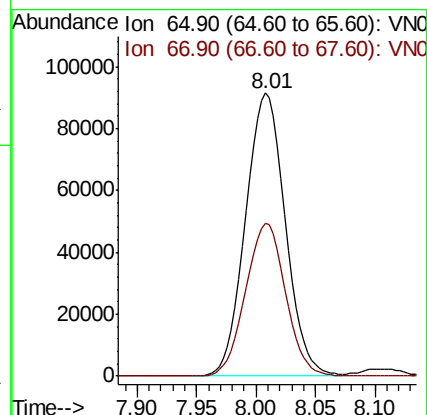
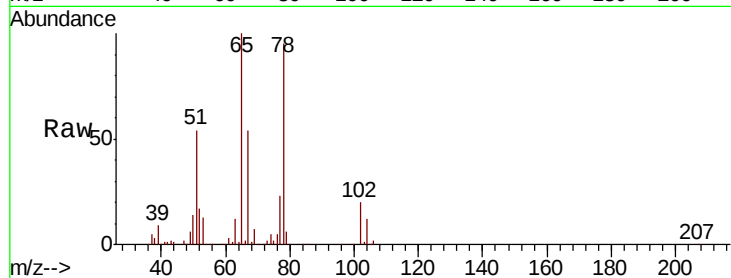




#33
 1,2-Dichloroethane-d4
 Concen: 48.625 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059369.D
 Acq: 22 Nov 2019 16:52

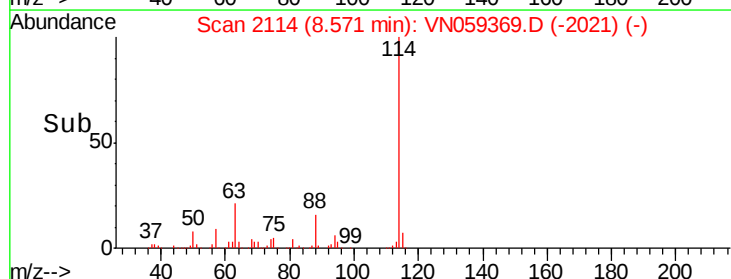
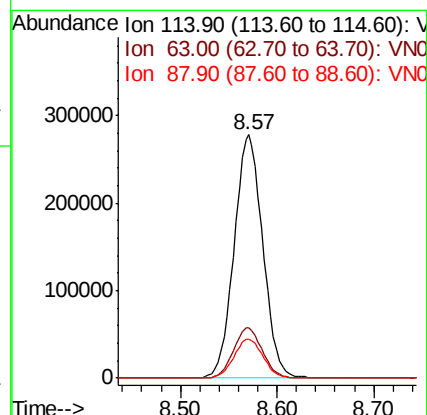
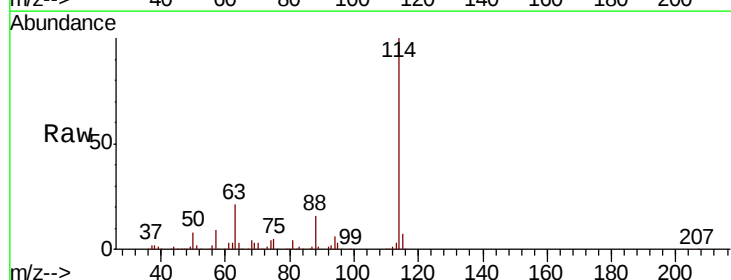
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBSD01

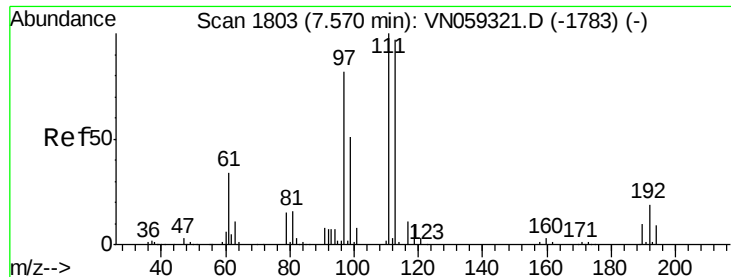
Tot Ion: 65 Resp: 212434
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059369.D
 Acq: 22 Nov 2019 16:52

Tgt Ion: 114 Resp: 571251
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.2
 88 16.1 0.0 32.2

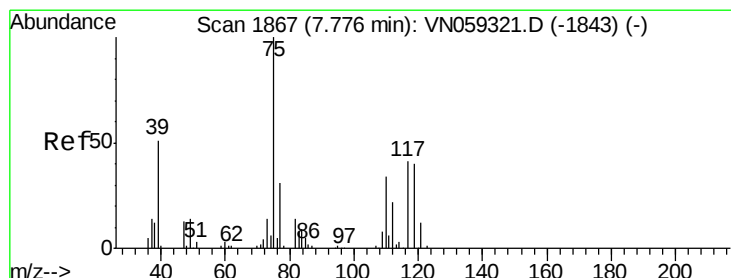
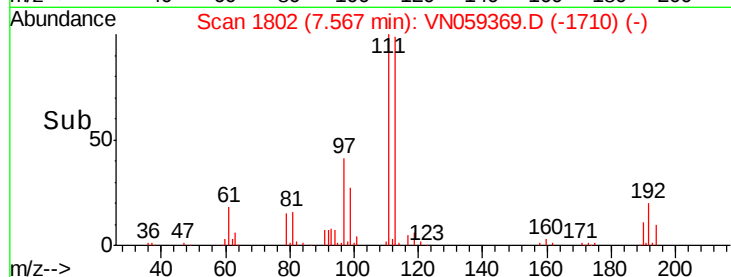
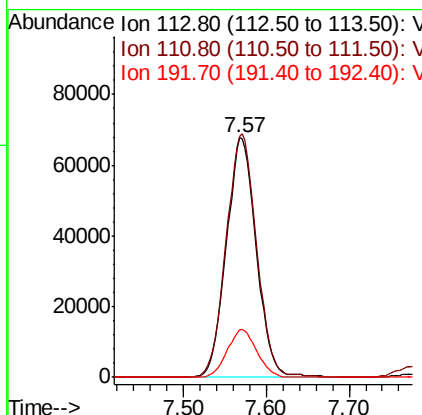
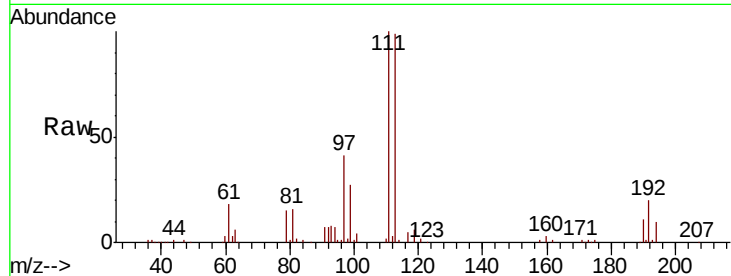




#35
 Dibromofluoromethane
 Concen: 49.679 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059369.D
 Acq: 22 Nov 2019 16:52

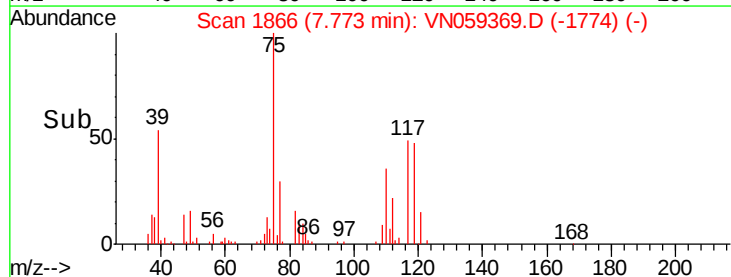
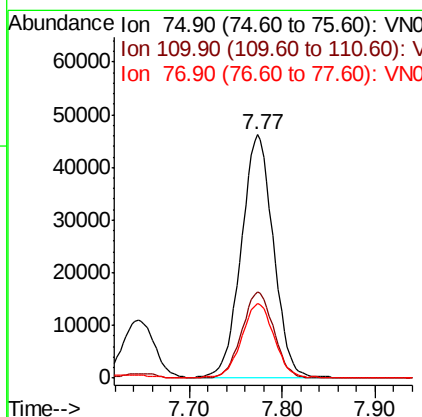
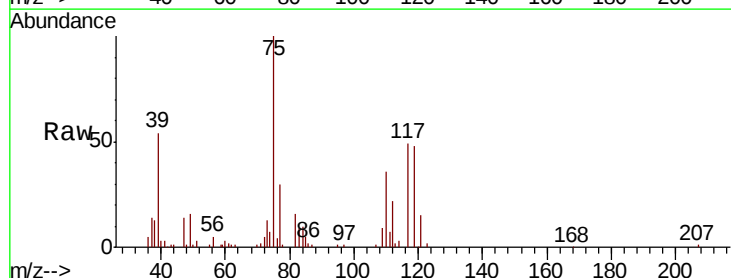
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBSD01

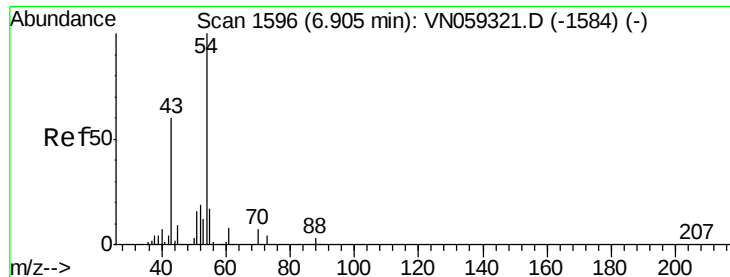
Tot Ion:113 Resp: 170260
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.7 124.1
 192 19.7 16.3 24.5



#36
 1,1-Dichloropropene
 Concen: 18.925 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN059369.D
 Acq: 22 Nov 2019 16:52

Tgt Ion: 75 Resp: 111608
 Ion Ratio Lower Upper
 75 100
 110 34.9 17.0 51.0
 77 30.9 24.8 37.2

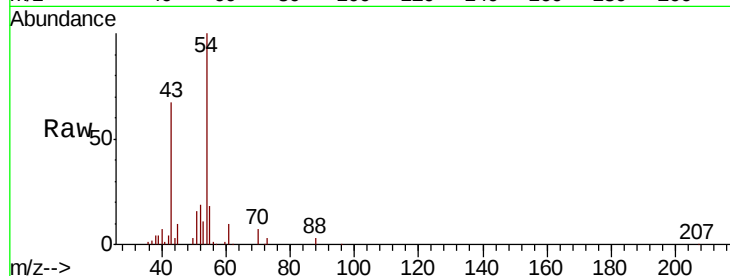




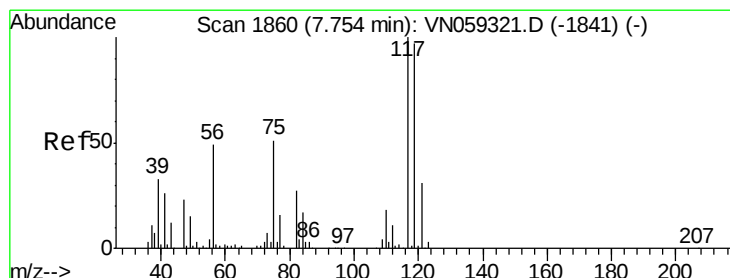
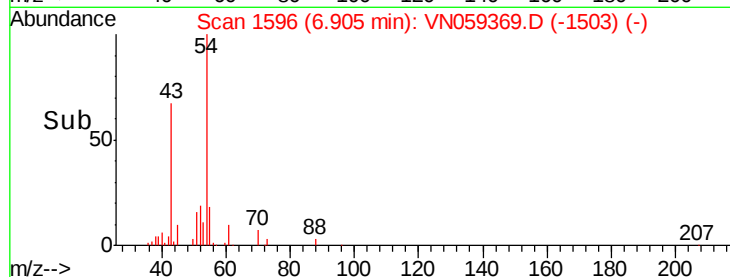
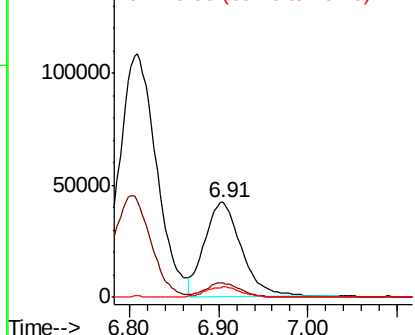
#37
Ethyl Acetate
Concen: 19.283 ug/l
RT: 6.91 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VN059369.D
Acq: 22 Nov 2019 16:52

Instrument :
MSVOA_N
ClientSampled :
VN1122WBSD01

Tot Ion: 43 Resp: 122215
Ion Ratio Lower Upper
43 100
61 14.7 11.0 16.6
70 10.5 8.8 13.2

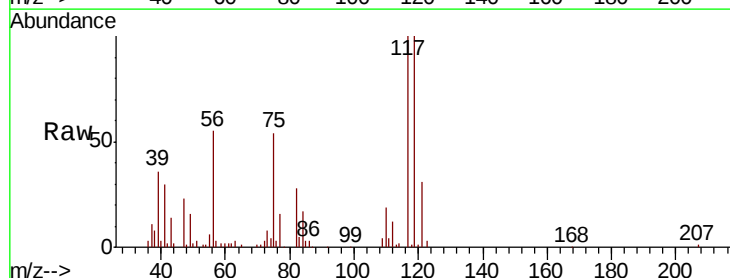


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

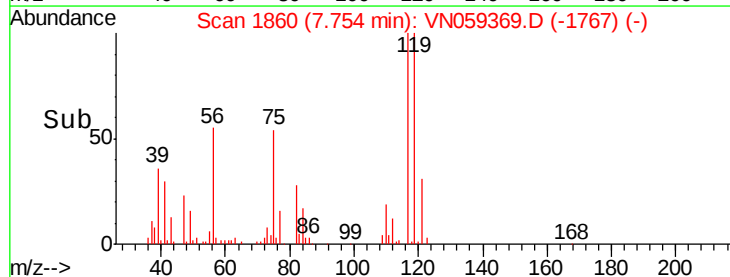
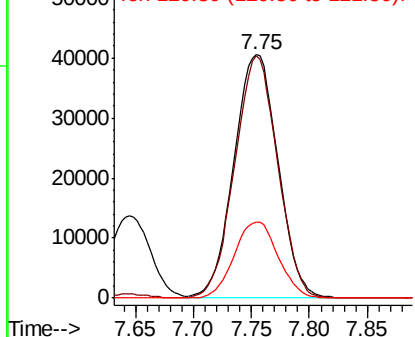


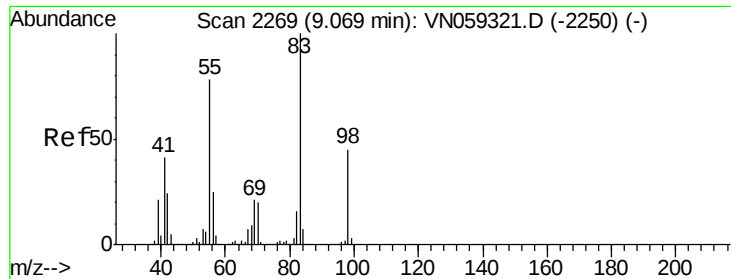
#38
Carbon Tetrachloride
Concen: 19.050 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059369.D
Acq: 22 Nov 2019 16:52

Tgt Ion: 117 Resp: 107548
Ion Ratio Lower Upper
117 100
119 99.8 77.0 115.4
121 31.3 24.4 36.6



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

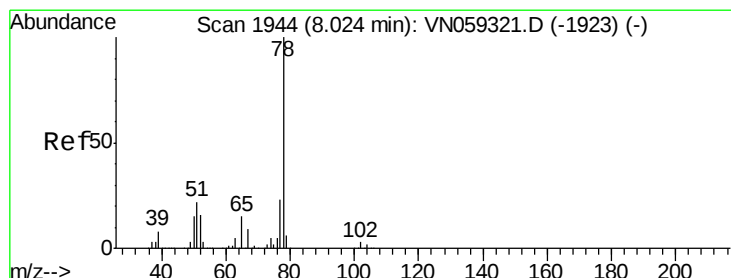
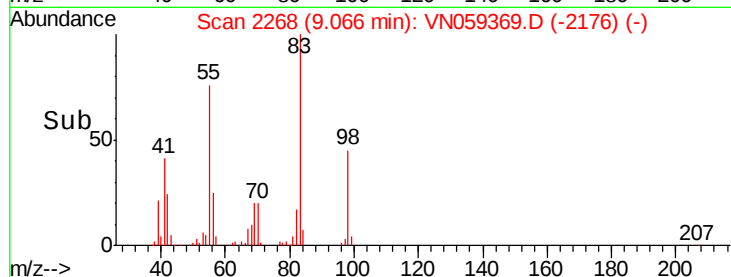
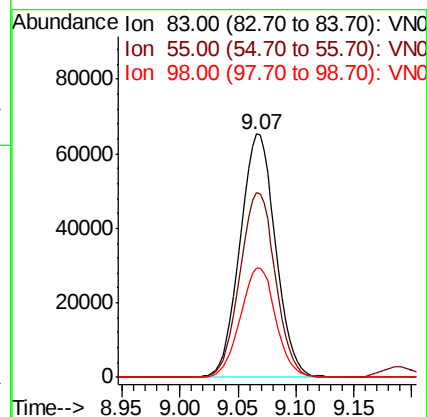
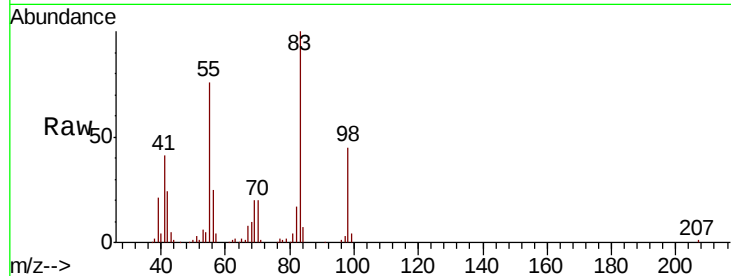




#39
Methvlcvclohexane
Concen: 19.507 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059369.D
Acq: 22 Nov 2019 16:52

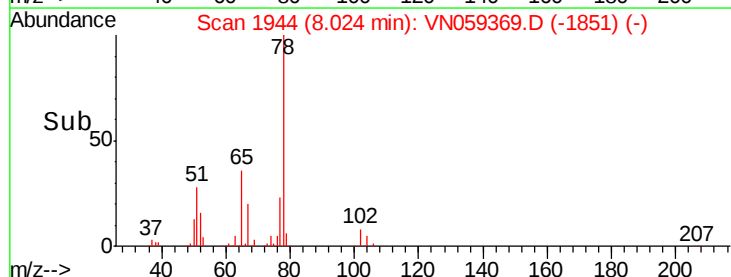
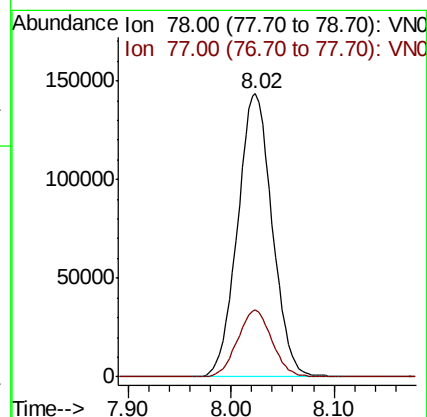
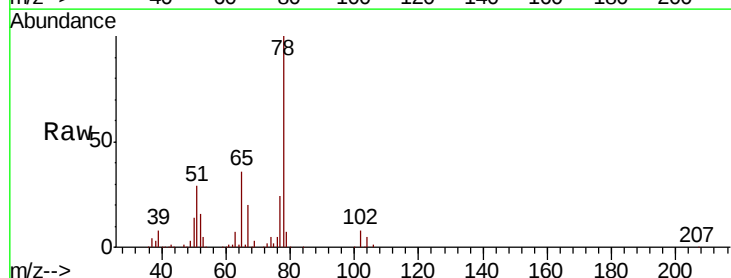
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

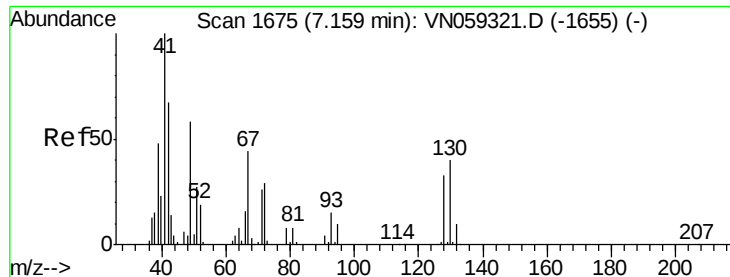
Tot Ion: 83 Resp: 138719
Ion Ratio Lower Upper
83 100
55 75.8 62.3 93.5
98 44.7 36.0 54.0



#40
Benzene
Concen: 19.366 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059369.D
Acq: 22 Nov 2019 16:52

Tgt Ion: 78 Resp: 335190
Ion Ratio Lower Upper
78 100
77 23.5 18.4 27.6

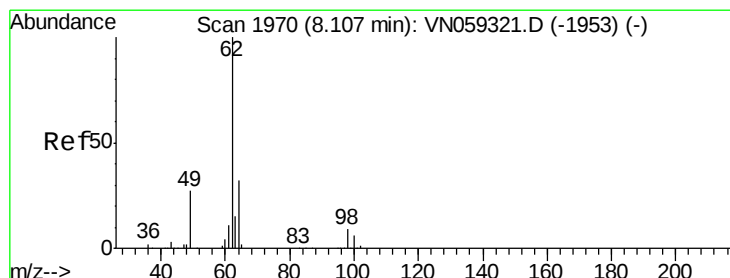
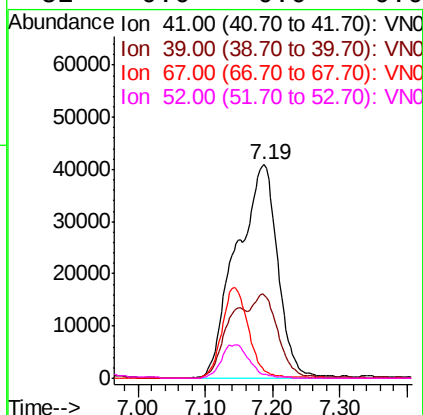
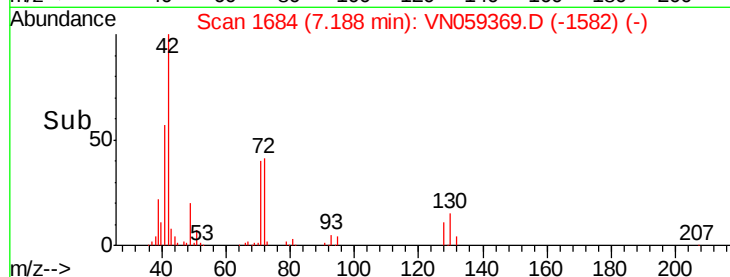
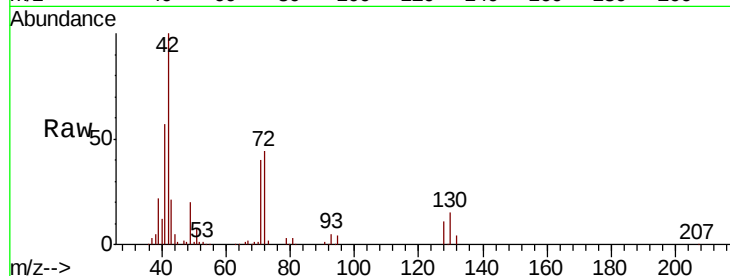




#41
Methacrylonitrile
Concen: 62.207 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.03 min
Lab File: VN059369.D
Acq: 22 Nov 2019 16:52

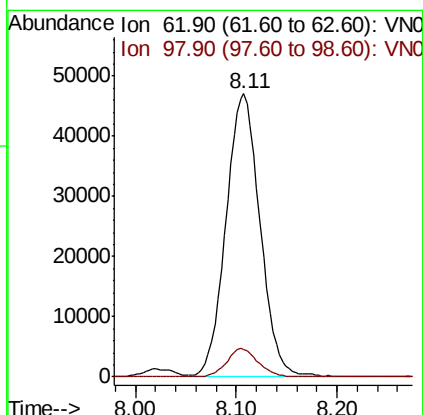
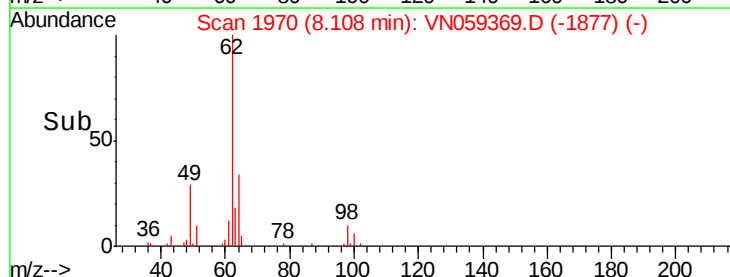
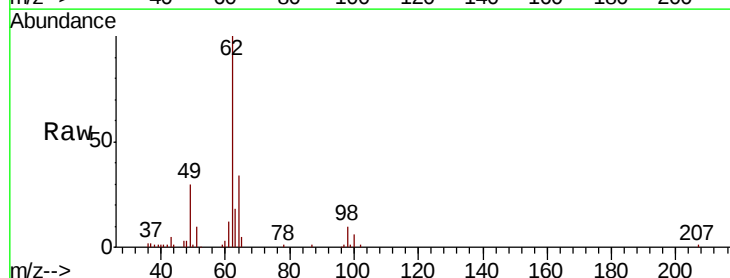
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

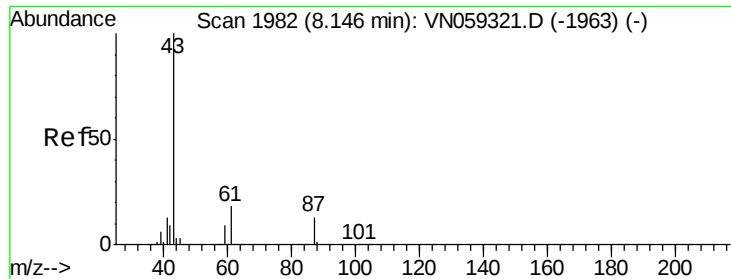
Tot Ion:	41	Resp:	175025
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 19.335 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VN059369.D
Acq: 22 Nov 2019 16:52

Tgt Ion:	62	Resp:	110681
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.6





#43

Isopropyl Acetate

Concen: 19.265 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBSD01

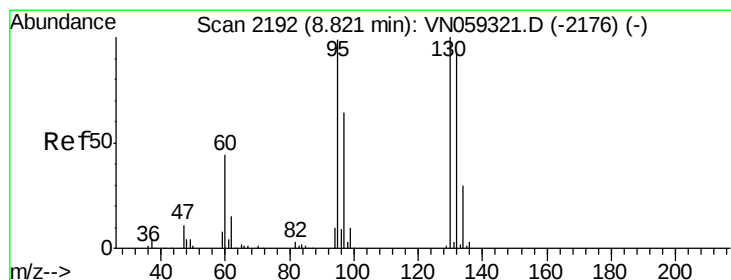
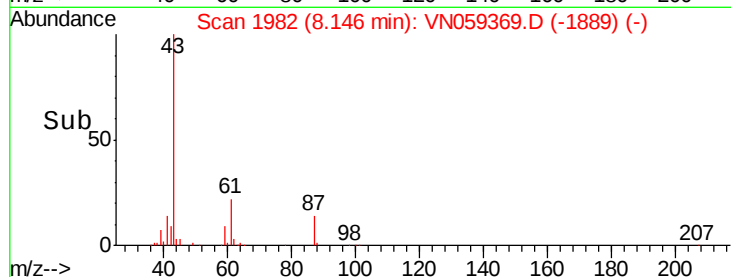
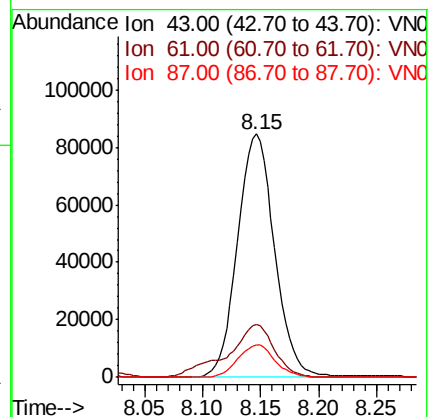
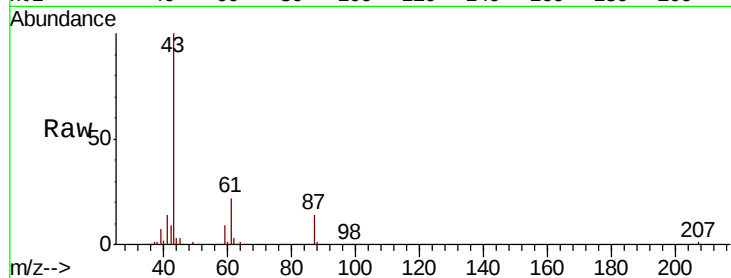
Tot Ion: 43 Resp: 186600

Ion Ratio Lower Upper

43 100

61 27.7 21.7 32.5

87 13.5 10.2 15.4



#44

Trichloroethene

Concen: 19.671 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VN059369.D

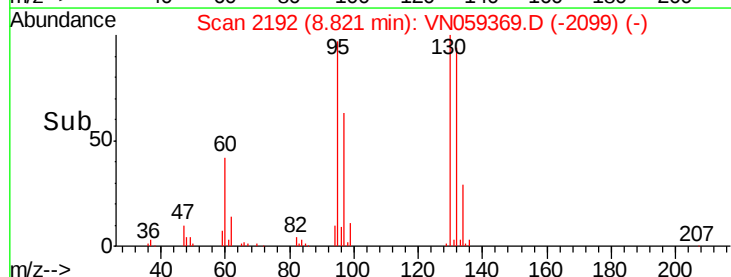
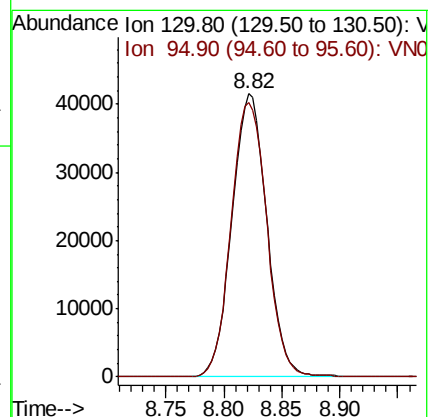
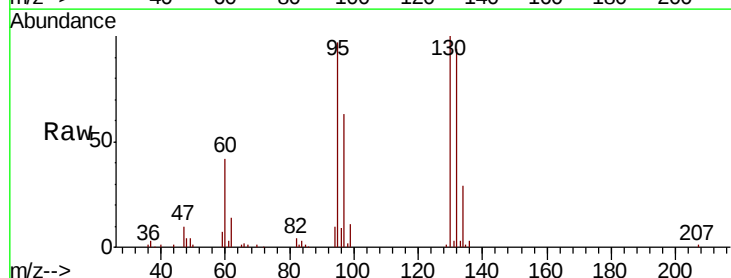
Acq: 22 Nov 2019 16:52

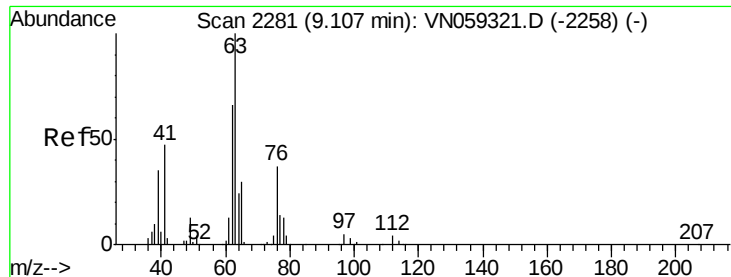
Tgt Ion:130 Resp: 86292

Ion Ratio Lower Upper

130 100

95 96.8 0.0 198.4





#45

1,2-Dichloropropane

Concen: 19.568 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. -0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

Instrument :

MSVOA_N

ClientSampleId :

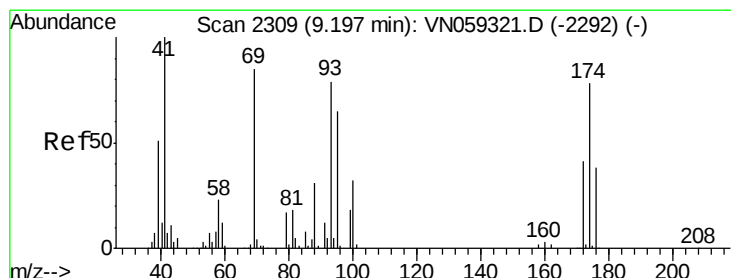
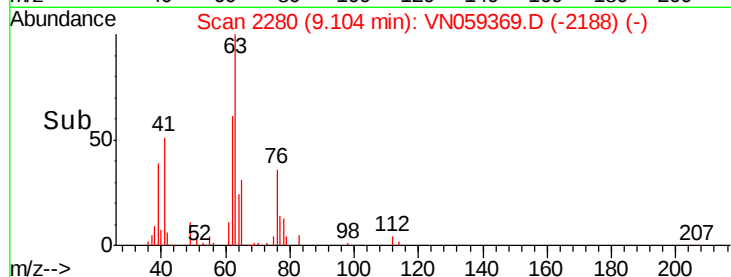
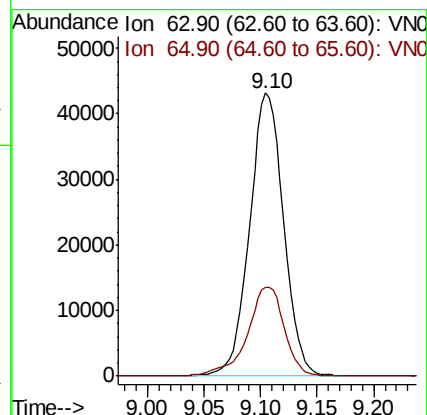
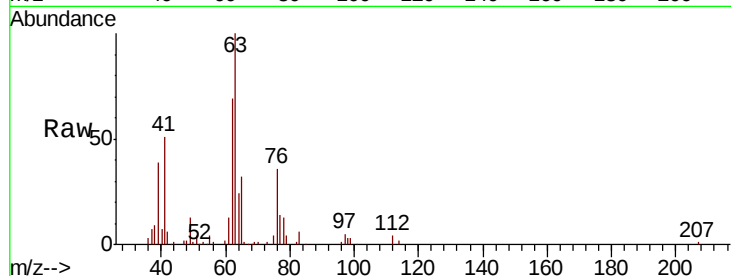
VN1122WBSD01

Tot Ion: 63 Resp: 90314

Ion Ratio Lower Upper

63 100

65 31.6 23.9 35.9



#46

Dibromomethane

Concen: 18.996 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

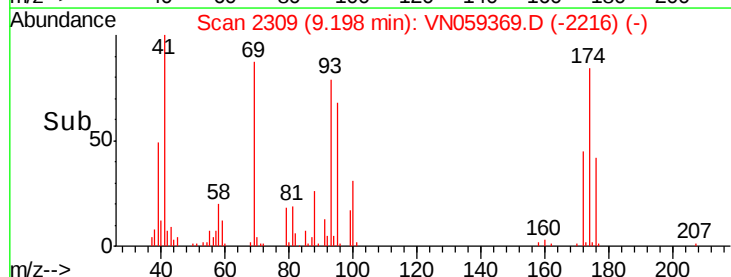
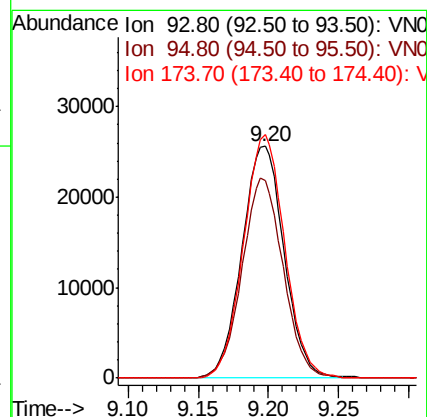
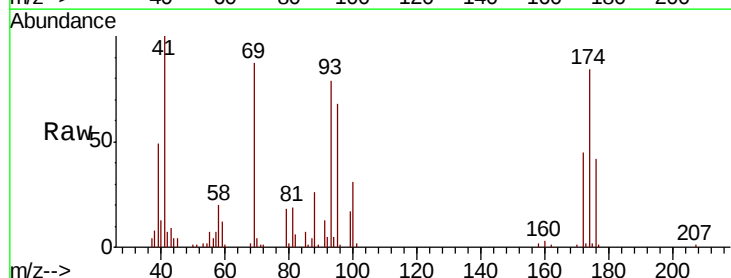
Tgt Ion: 93 Resp: 53779

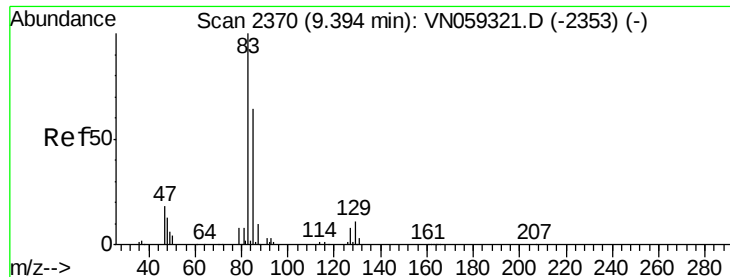
Ion Ratio Lower Upper

93 100

95 84.0 66.9 100.3

174 102.3 80.6 120.8





#47

Bromodichloromethane

Concen: 19.265 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBSD01

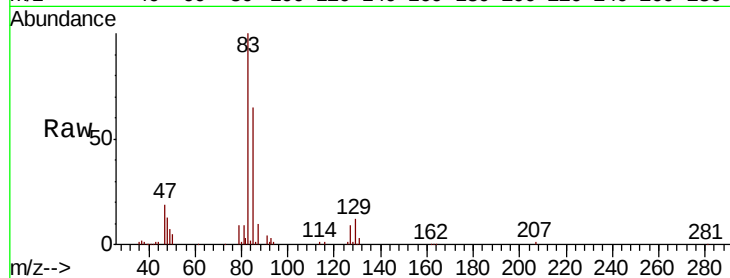
Tot Ion: 83 Resp: 109229

Ion Ratio Lower Upper

83 100

85 65.0 51.5 77.3

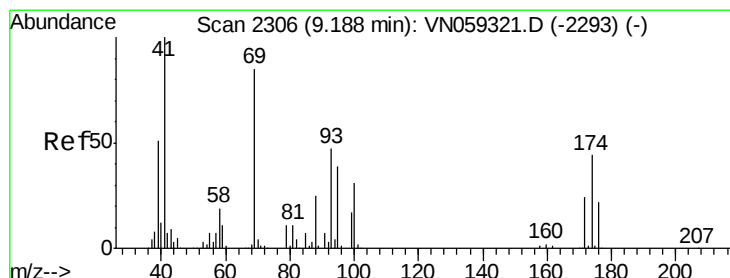
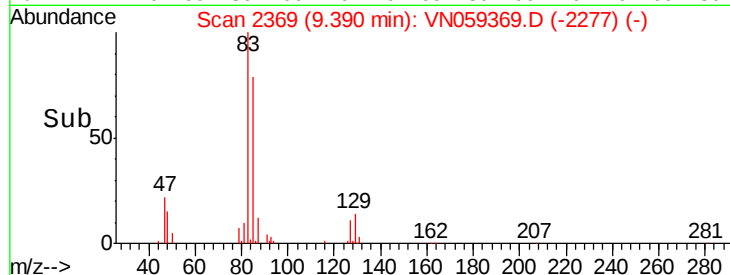
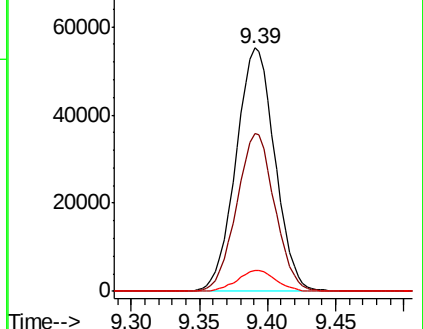
127 8.7 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VN059369.D (-2277) (-)

Ion 84.90 (84.60 to 85.60): VN059369.D (-2277) (-)

Ion 126.80 (126.50 to 127.50): VN059369.D (-2277) (-)



#48

Methyl methacrylate

Concen: 18.910 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

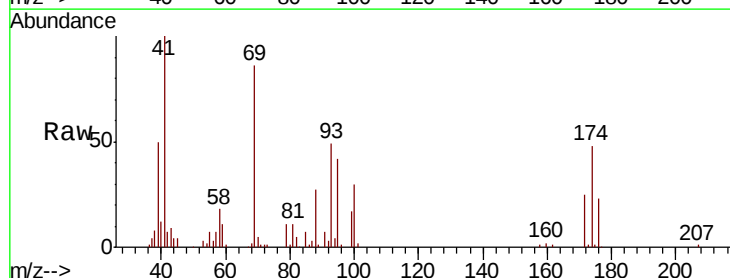
Tgt Ion: 41 Resp: 83292

Ion Ratio Lower Upper

41 100

69 88.4 68.8 103.2

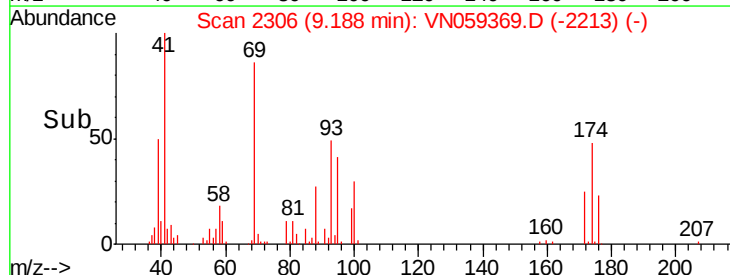
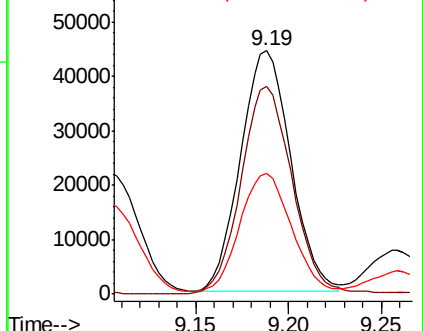
39 51.5 42.1 63.1

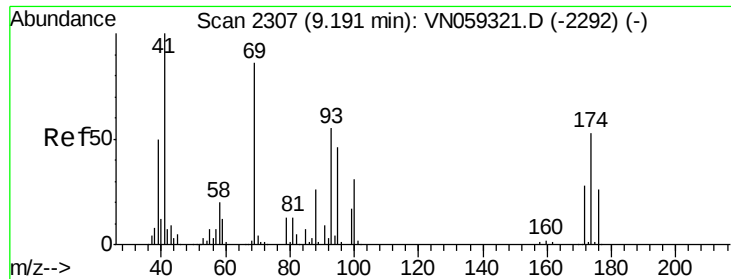


Abundance Ion 41.00 (40.70 to 41.70): VN059369.D (-2213) (-)

Ion 69.00 (68.70 to 69.70): VN059369.D (-2213) (-)

Ion 39.00 (38.70 to 39.70): VN059369.D (-2213) (-)

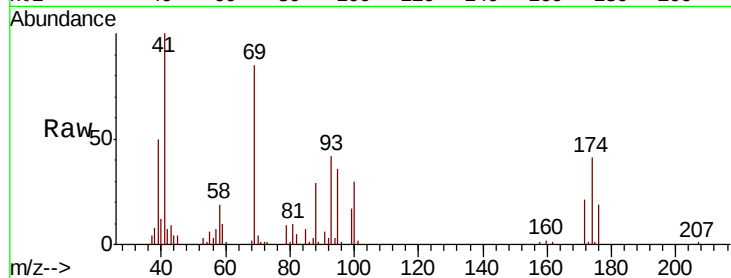




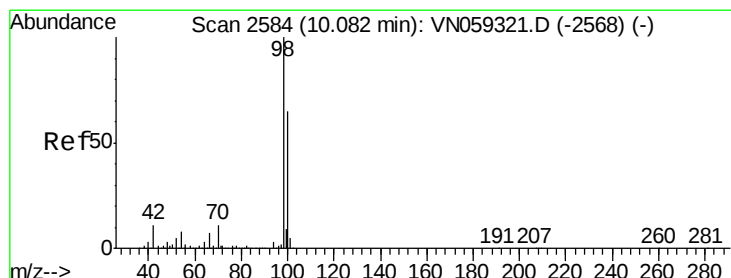
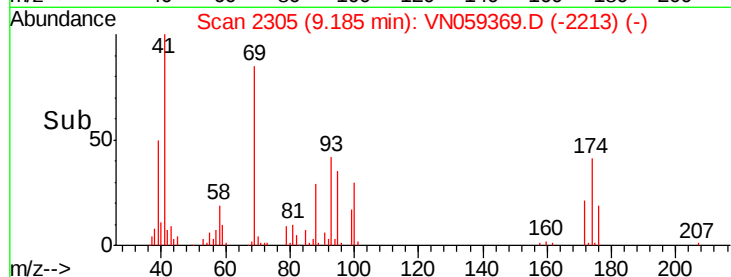
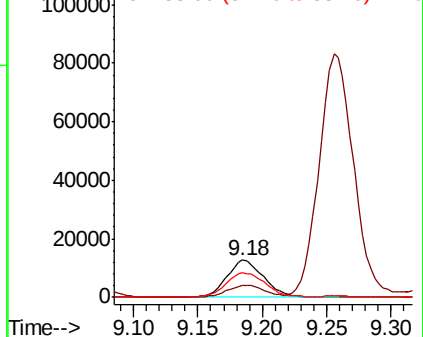
#49
 1,4-Dioxane
 Concen: 383.306 ug/l
 RT: 9.18 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: VN059369.D
 Acq: 22 Nov 2019 16:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBSD01

Tot Ion: 88 Resp: 25375
 Ion Ratio Lower Upper
 88 100
 43 33.2 26.9 40.3
 58 71.4 59.2 88.8

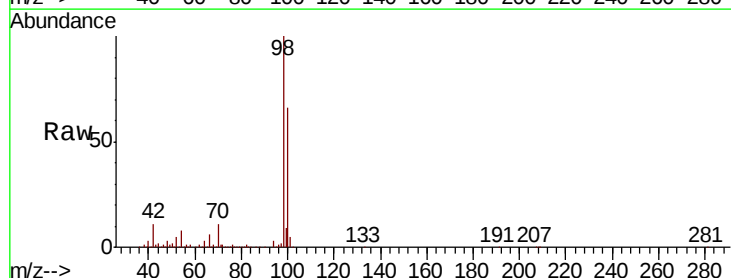


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

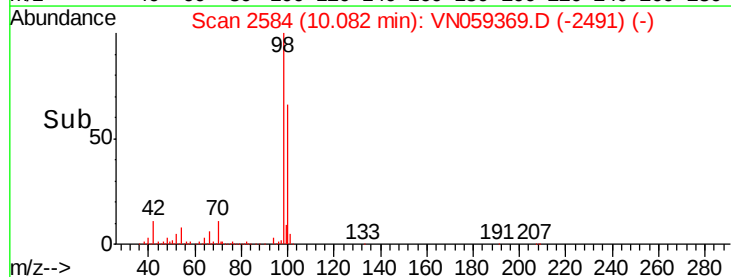
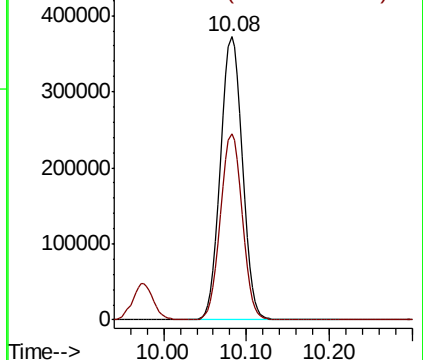


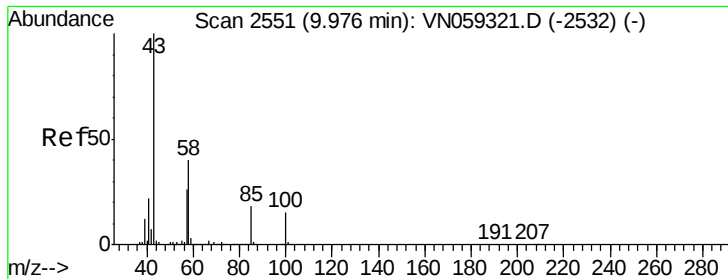
#50
 Toluene-d8
 Concen: 50.014 ug/l
 RT: 10.08 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: VN059369.D
 Acq: 22 Nov 2019 16:52

Tgt Ion: 98 Resp: 681426
 Ion Ratio Lower Upper
 98 100
 100 65.3 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 103.853 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

Instrument :

MSVOA_N

ClientSampleId :

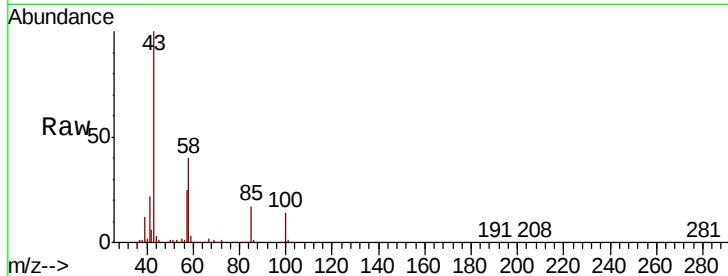
VN1122WBSD01

Tot Ion: 43 Resp: 588805

Ion Ratio Lower Upper

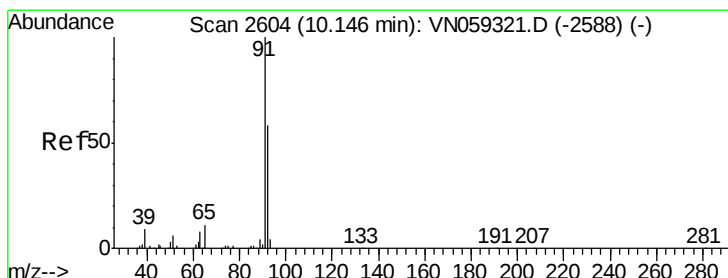
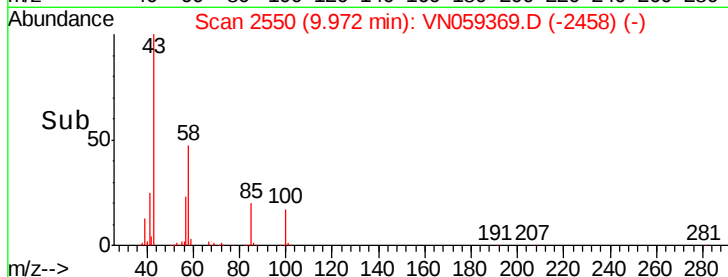
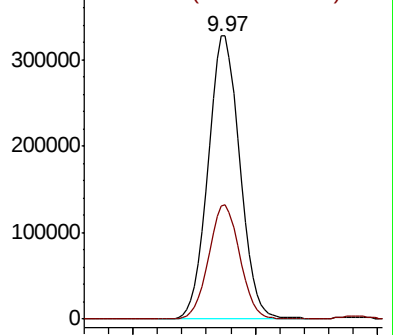
43 100

58 39.6 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.636 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059369.D

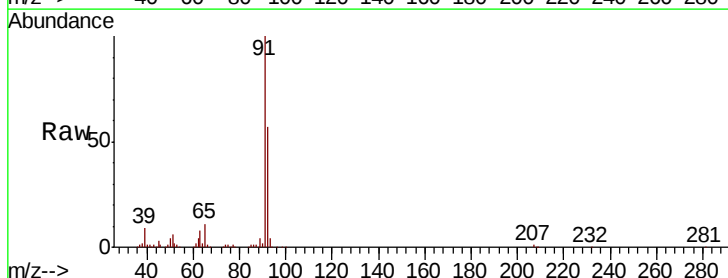
Acq: 22 Nov 2019 16:52

Tgt Ion: 92 Resp: 204364

Ion Ratio Lower Upper

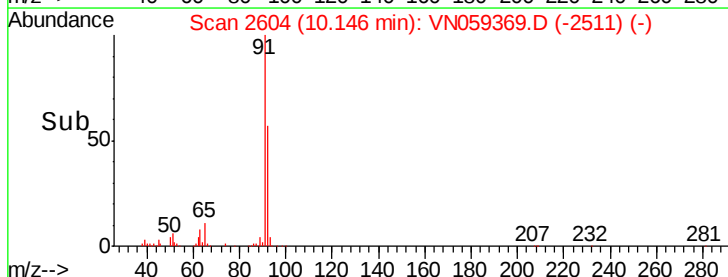
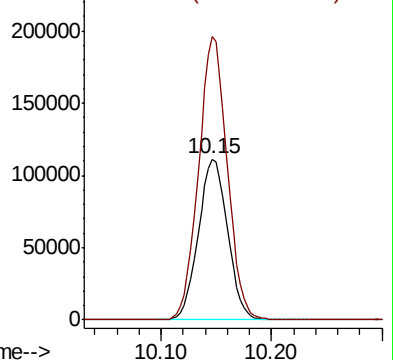
92 100

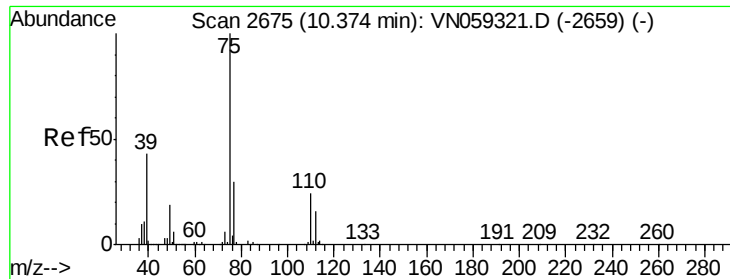
91 172.9 137.9 206.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 19.132 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

Instrument :

MSVOA_N

ClientSampleId :

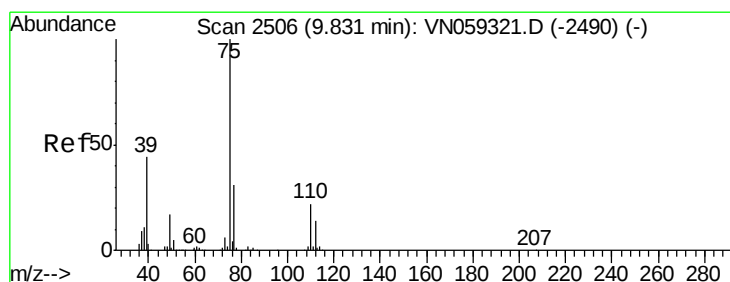
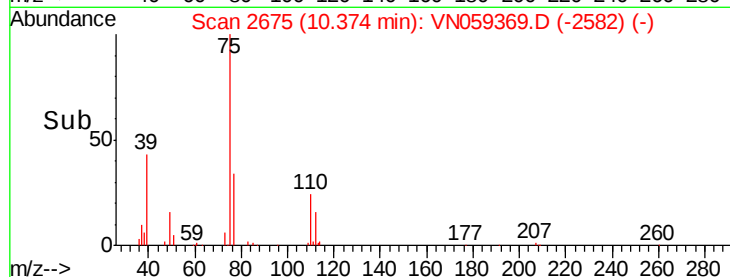
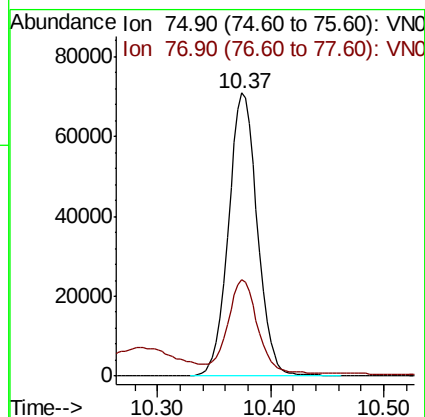
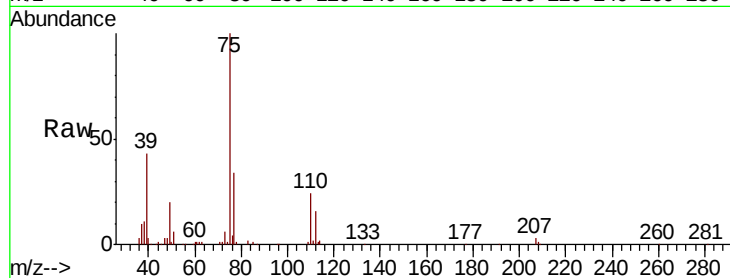
VN1122WBSD01

Tot Ion: 75 Resp: 126097

Ion Ratio Lower Upper

75 100

77 33.0 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 19.639 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

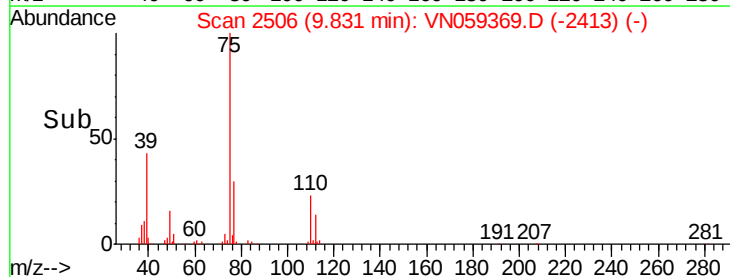
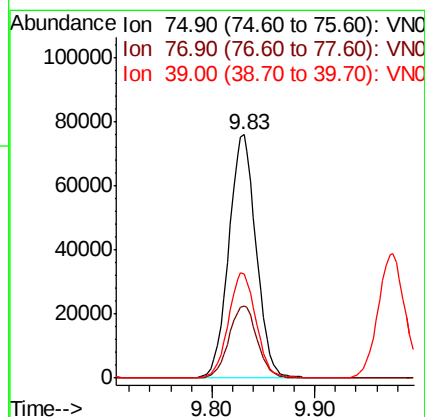
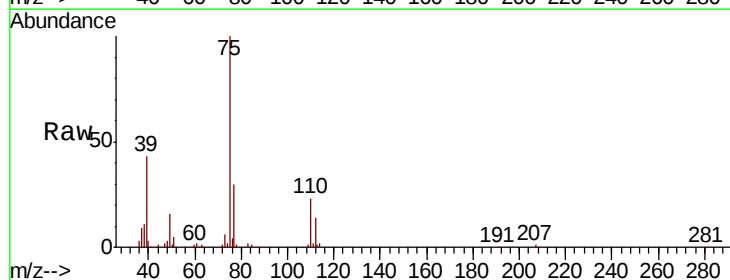
Tgt Ion: 75 Resp: 140456

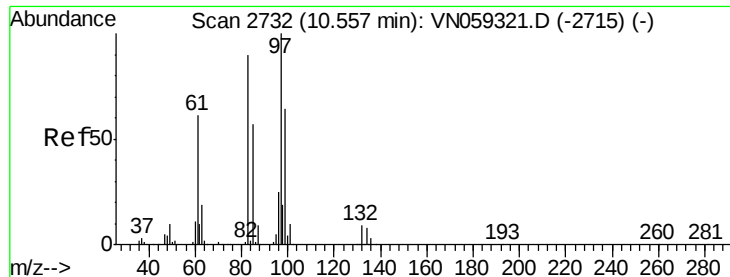
Ion Ratio Lower Upper

75 100

77 29.8 25.0 37.4

39 42.7 35.5 53.3

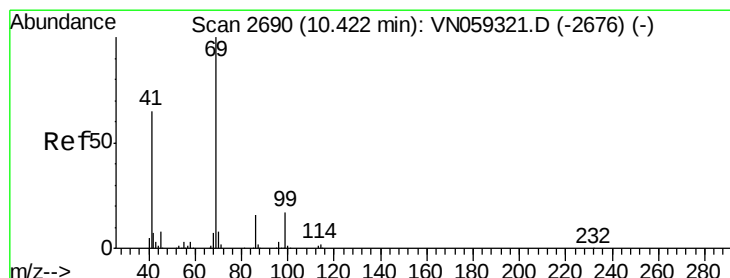
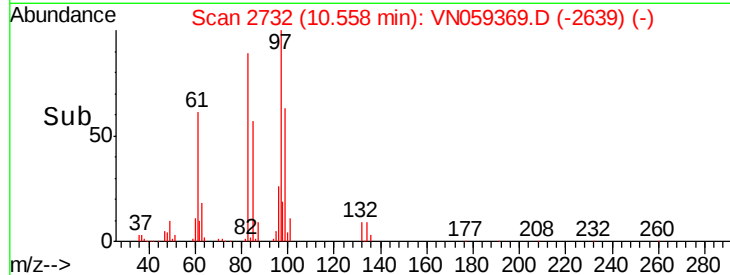
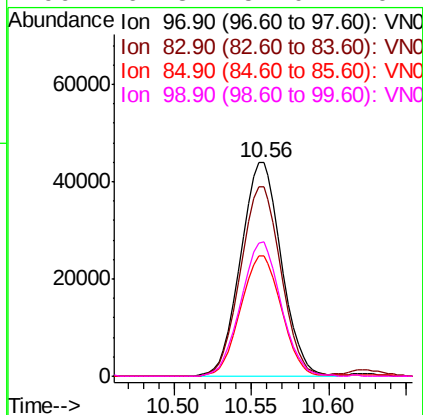
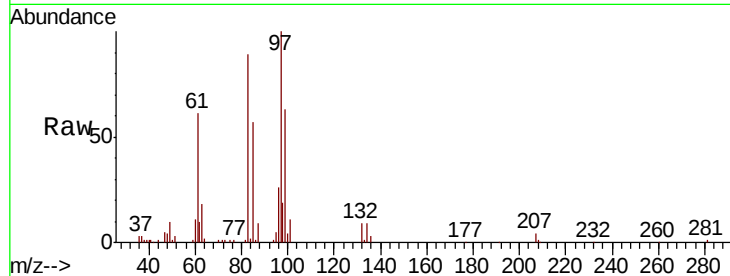




#55
 1,1,2-Trichloroethane
 Concen: 19.929 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: VN059369.D
 Acq: 22 Nov 2019 16:52

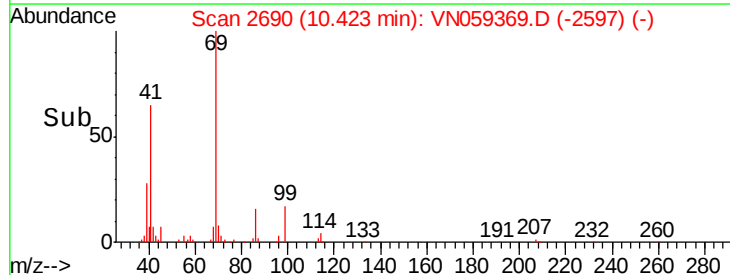
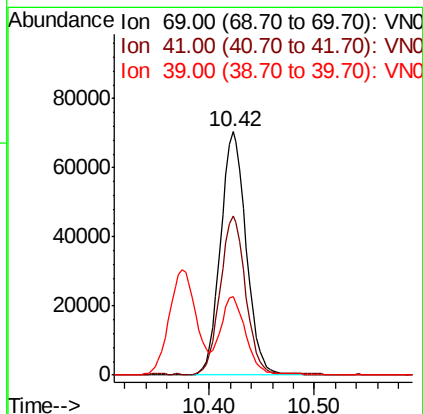
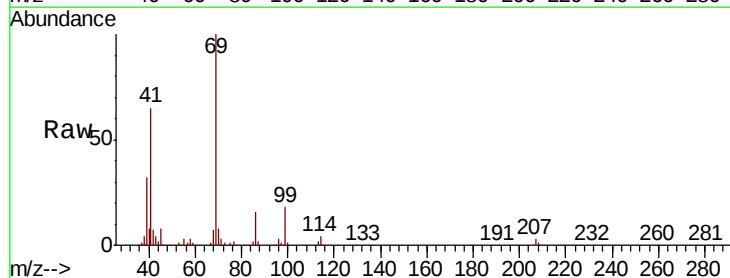
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBSD01

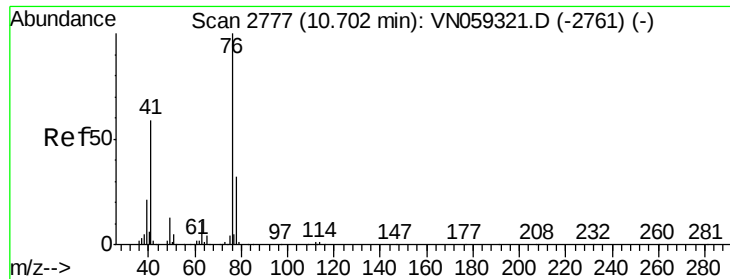
Tot Ion:	97	Resp:	80641
Ion	Ratio	Lower	Upper
97	100		
83	88.7	72.0	108.0
85	56.6	45.8	68.6
99	62.8	51.0	76.4



#56
 Ethyl methacrylate
 Concen: 18.796 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059369.D
 Acq: 22 Nov 2019 16:52

Tgt Ion:	69	Resp:	118676
Ion	Ratio	Lower	Upper
69	100		
41	64.1	51.7	77.5
39	31.3	25.2	37.8





#57

1,3-Dichloropropane

Concen: 20.049 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

Instrument :

MSVOA_N

ClientSampleId :

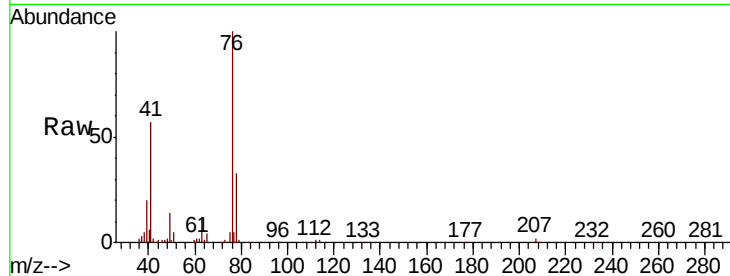
VN1122WBSD01

Tot Ion: 76 Resp: 141400

Ion Ratio Lower Upper

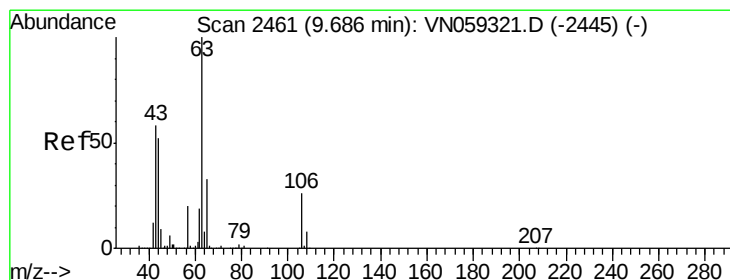
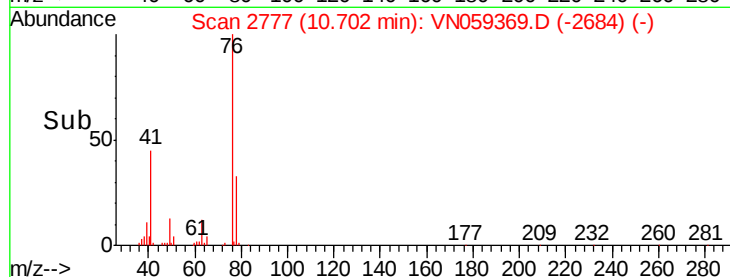
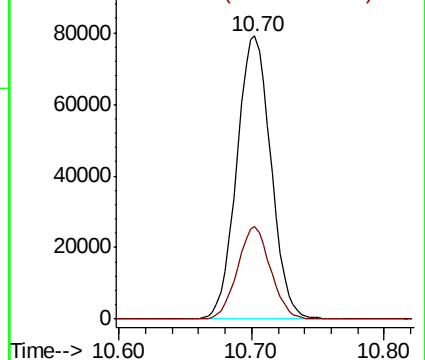
76 100

78 31.9 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 90.189 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN059369.D

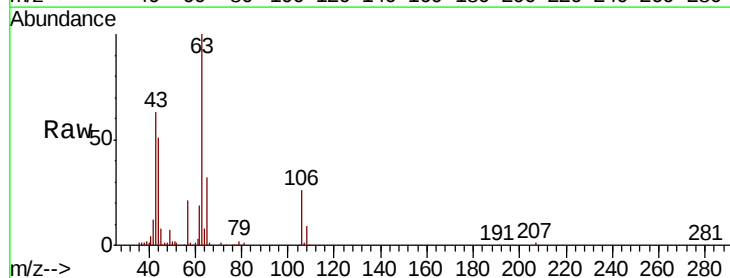
Acq: 22 Nov 2019 16:52

Tgt Ion: 63 Resp: 186039

Ion Ratio Lower Upper

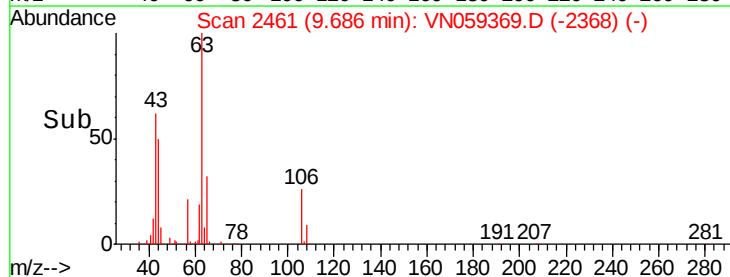
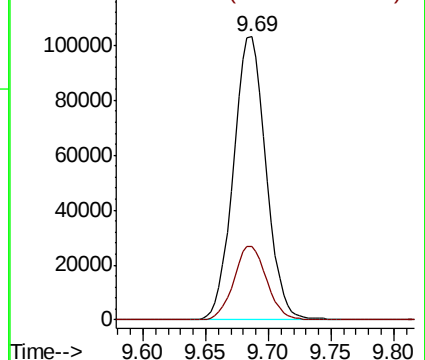
63 100

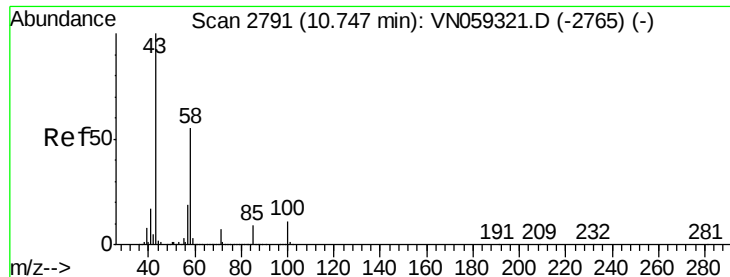
106 26.1 20.5 30.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

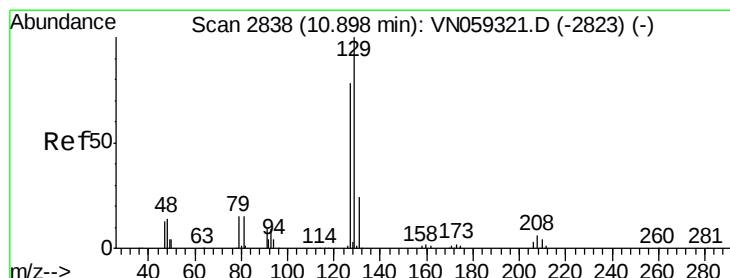
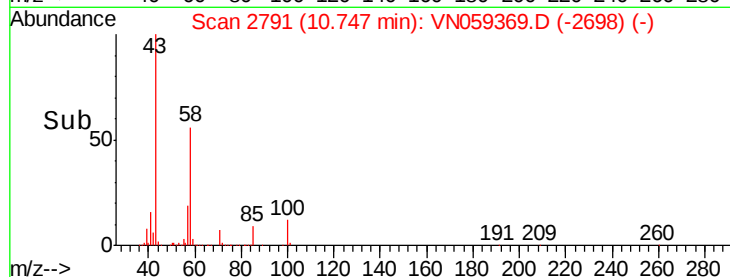
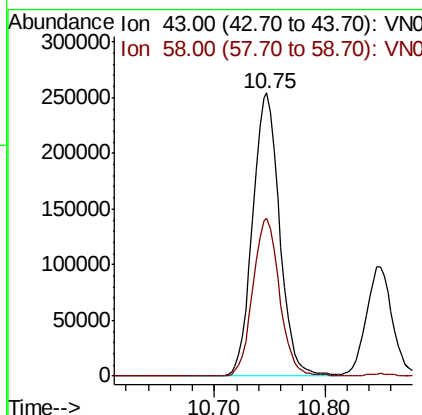
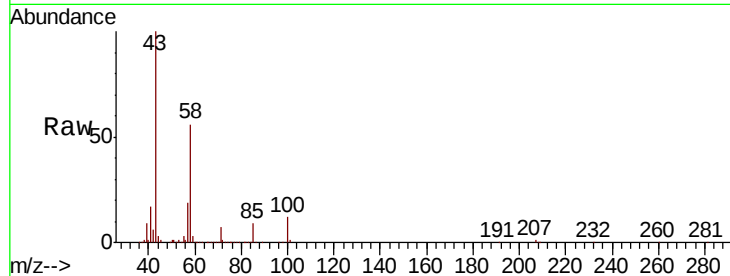




#59
2-Hexanone
Concen: 103.775 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059369.D
Acq: 22 Nov 2019 16:52

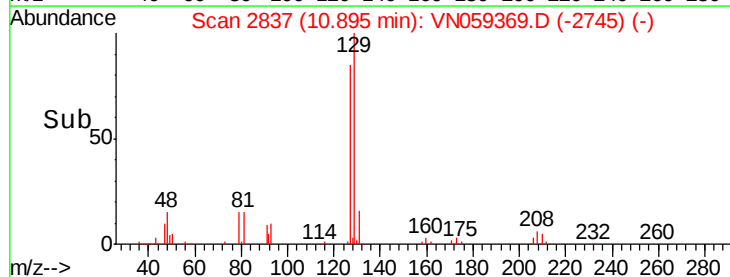
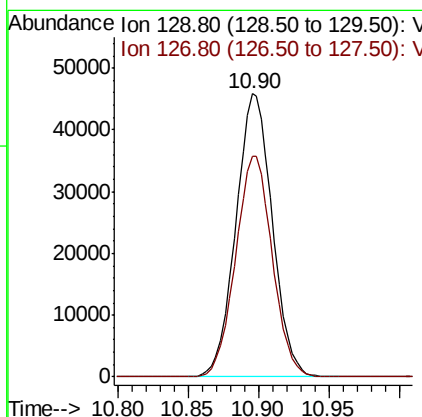
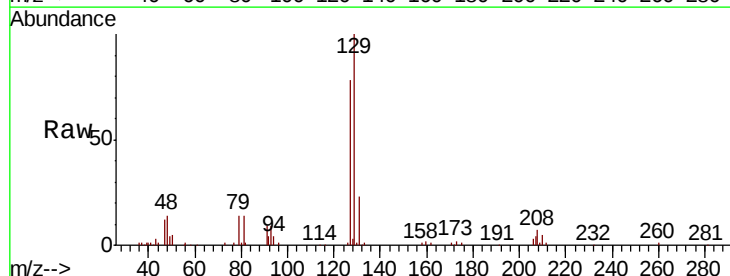
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

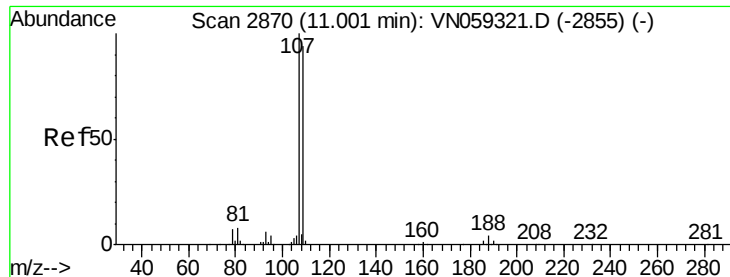
Tot Ion: 43 Resp: 430824
Ion Ratio Lower Upper
43 100
58 55.4 27.7 83.0



#60
Dibromochloromethane
Concen: 19.437 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059369.D
Acq: 22 Nov 2019 16:52

Tgt Ion: 129 Resp: 82881
Ion Ratio Lower Upper
129 100
127 78.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.343 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

Instrument :

MSVOA_N

ClientSampleId :

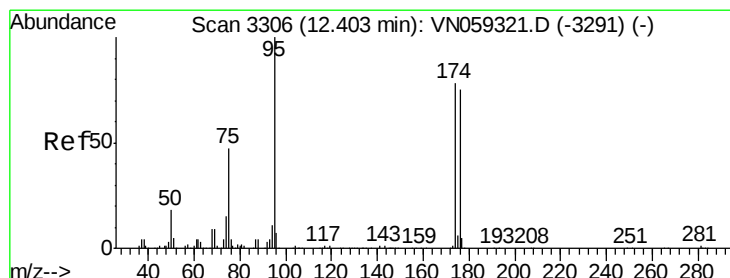
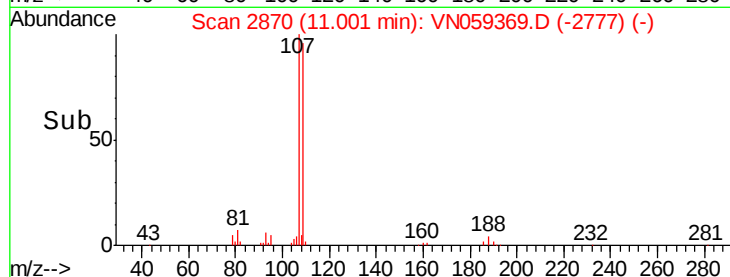
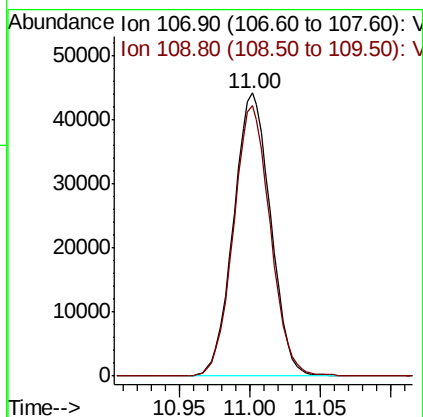
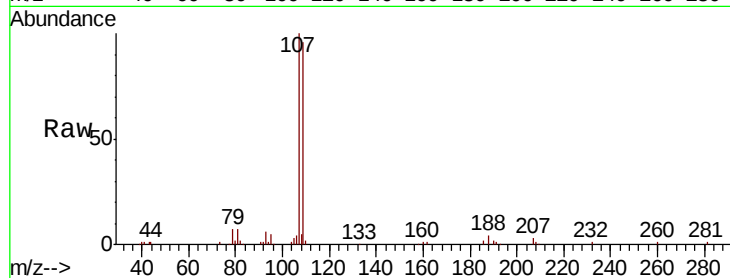
VN1122WBSD01

Tot Ion:107 Resp: 81442

Ion Ratio Lower Upper

107 100

109 94.9 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 50.335 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

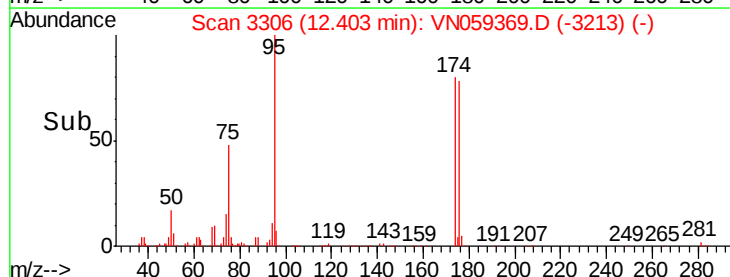
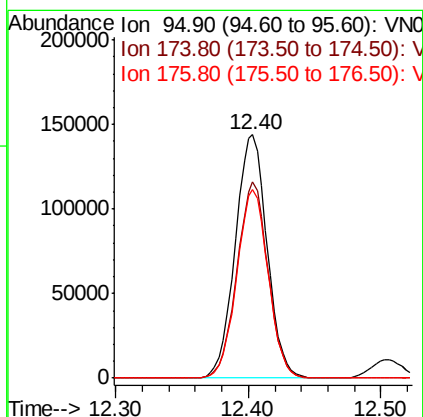
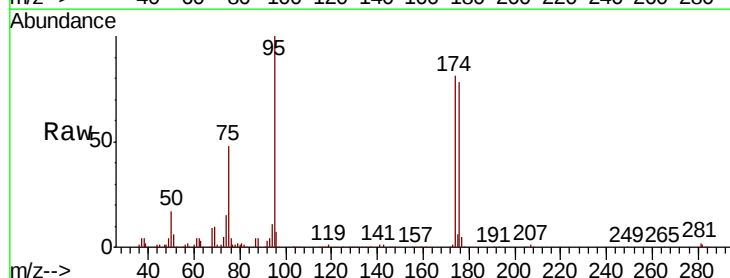
Tgt Ion: 95 Resp: 239793

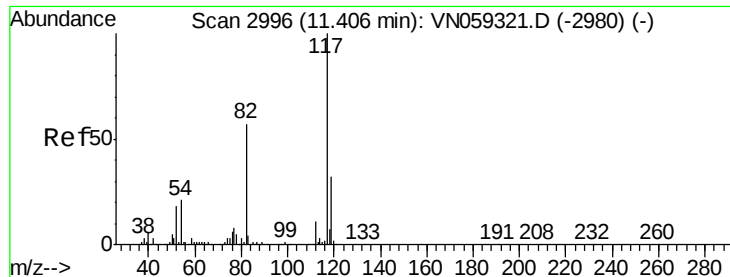
Ion Ratio Lower Upper

95 100

174 78.7 0.0 157.4

176 76.4 0.0 151.2

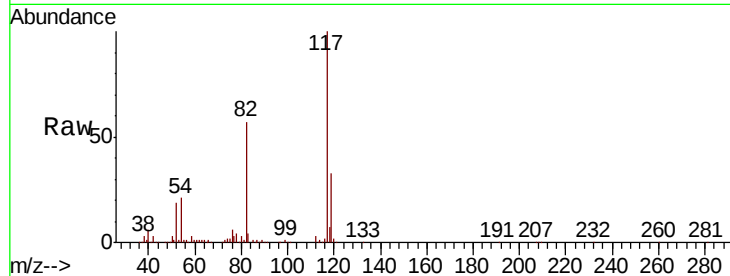




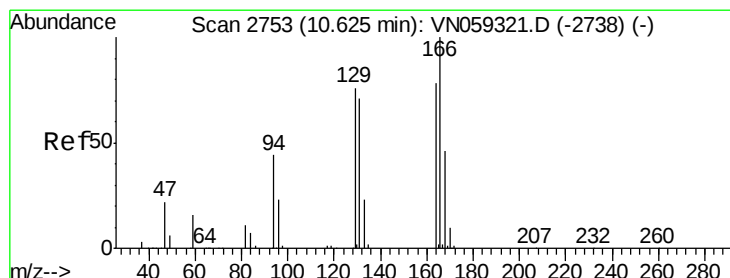
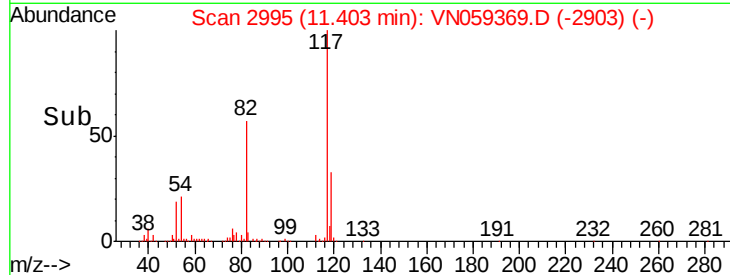
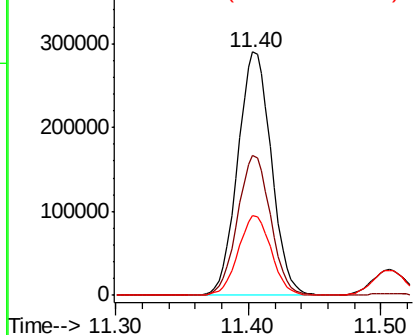
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059369.D
Acq: 22 Nov 2019 16:52

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Tot Ion:117 Resp: 510297
Ion Ratio Lower Upper
117 100
82 57.3 45.7 68.5
119 32.5 25.8 38.6

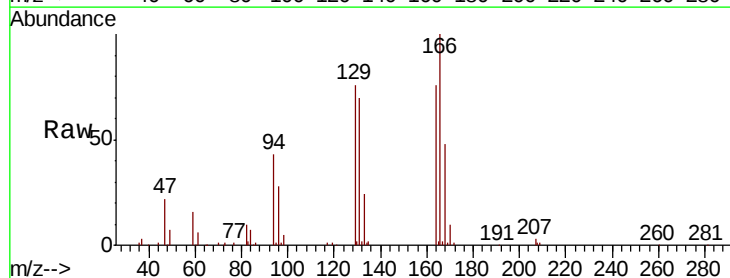


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

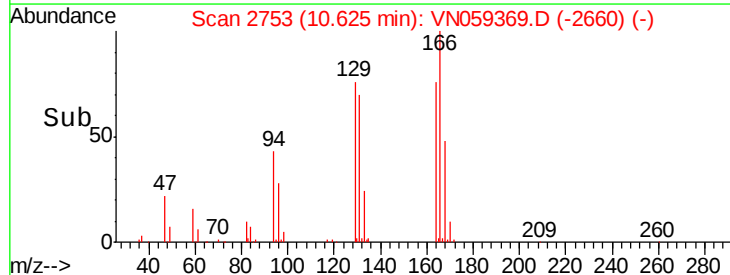
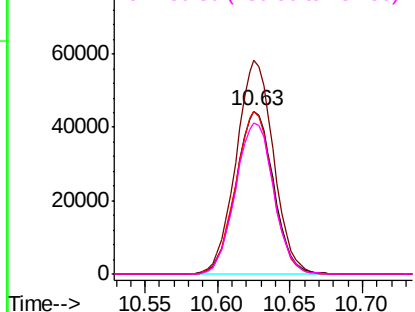


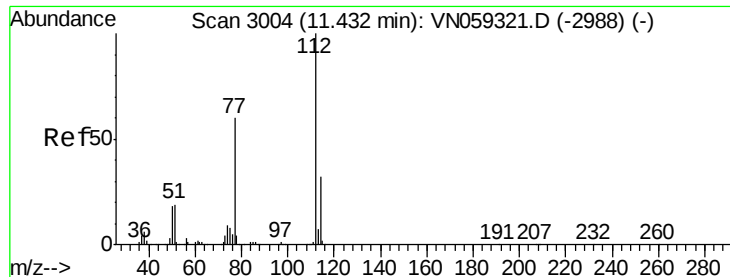
#64
Tetrachloroethene
Concen: 20.287 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN059369.D
Acq: 22 Nov 2019 16:52

Tgt Ion:164 Resp: 80068
Ion Ratio Lower Upper
164 100
166 131.0 102.9 154.3
129 100.0 78.2 117.2
131 92.3 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: 19.429 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

Instrument :

MSVOA_N

ClientSampleId :

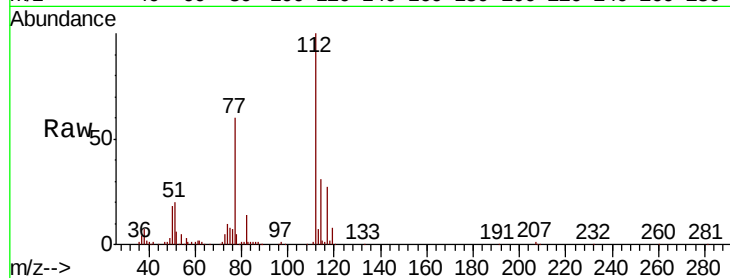
VN1122WBSD01

Tot Ion:112 Resp: 213184

Ion Ratio Lower Upper

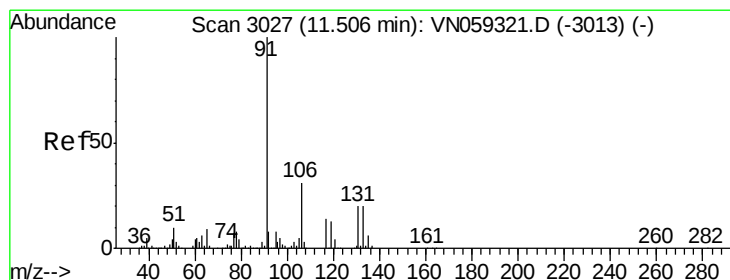
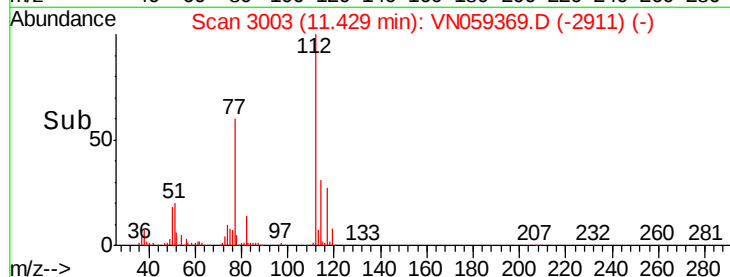
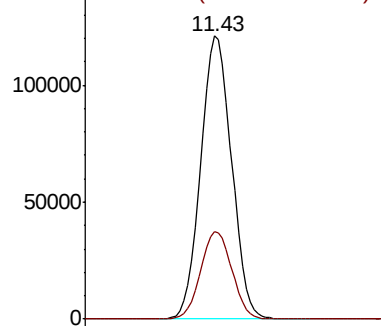
112 100

114 30.8 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.781 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

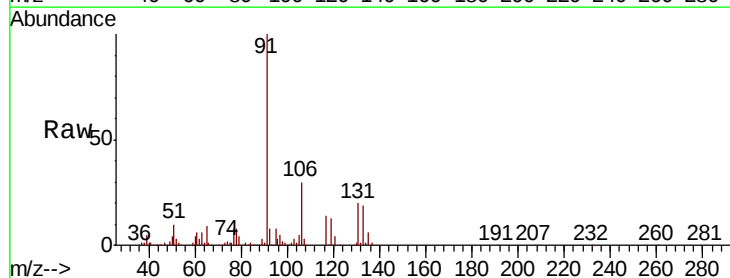
Tgt Ion:131 Resp: 78851

Ion Ratio Lower Upper

131 100

133 96.4 48.2 144.6

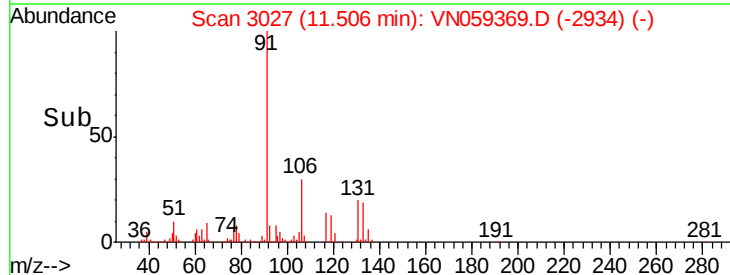
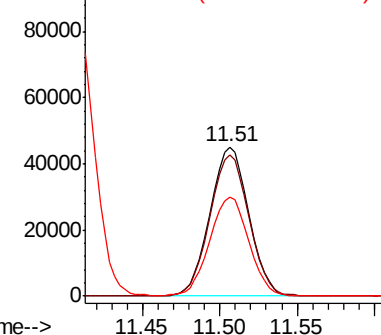
119 67.3 33.6 100.6

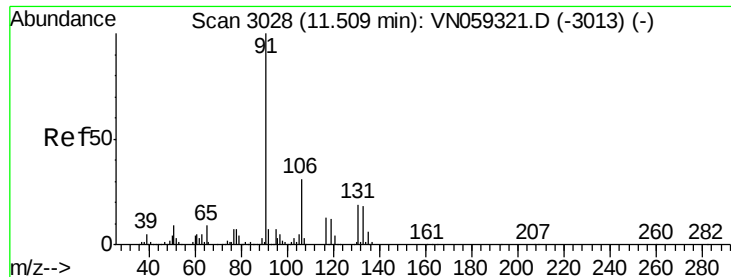


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

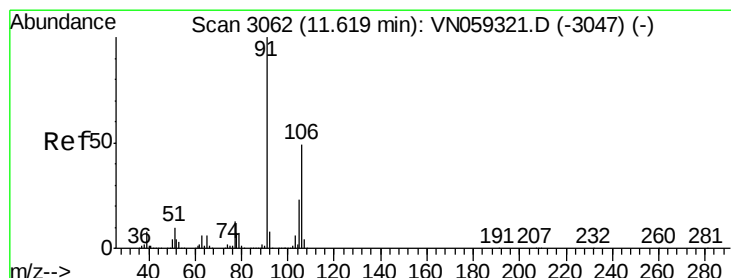
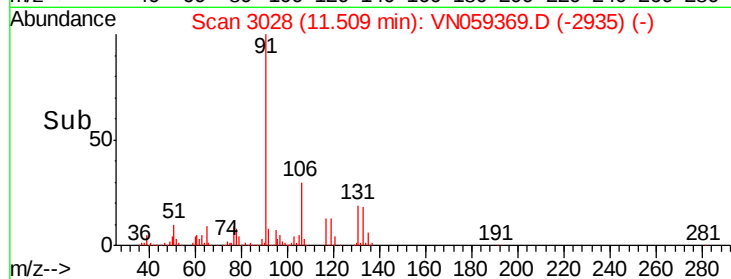
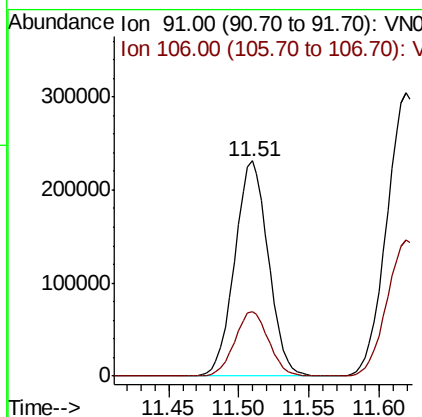
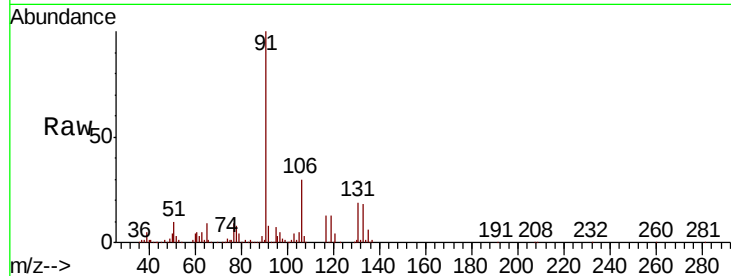




#67
Ethyl Benzene
Concen: 19.723 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN059369.D
Acq: 22 Nov 2019 16:52

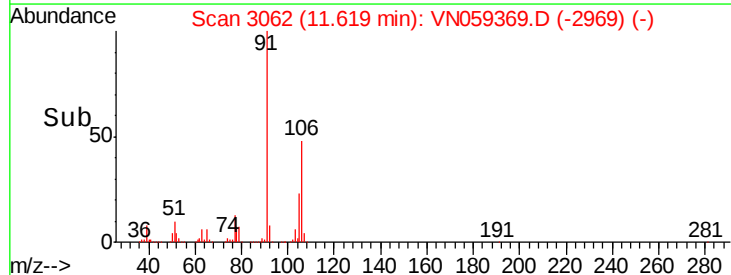
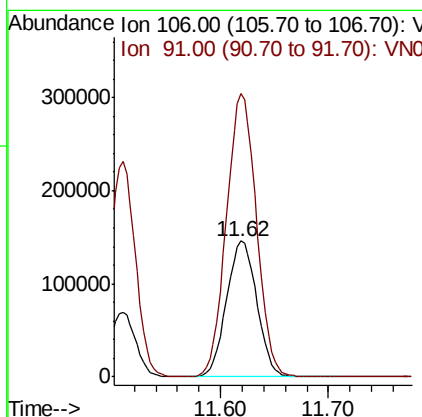
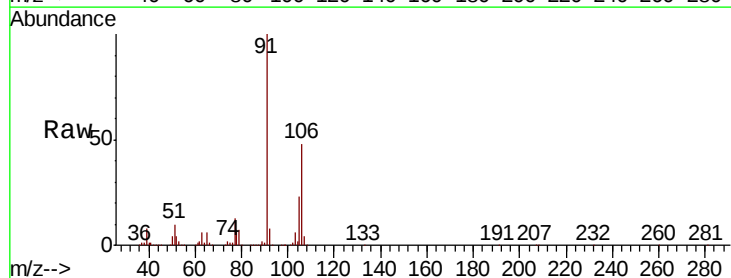
Instrument :
MSVOA_N
ClientSampled :
VN1122WBSD01

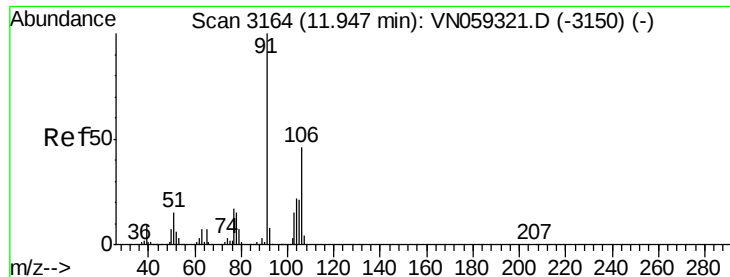
Tot Ion: 91 Resp: 386392
Ion Ratio Lower Upper
91 100
106 30.2 24.6 37.0



#68
m/p-Xylenes
Concen: 39.219 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN059369.D
Acq: 22 Nov 2019 16:52

Tgt Ion: 106 Resp: 285503
Ion Ratio Lower Upper
106 100
91 206.3 163.2 244.8

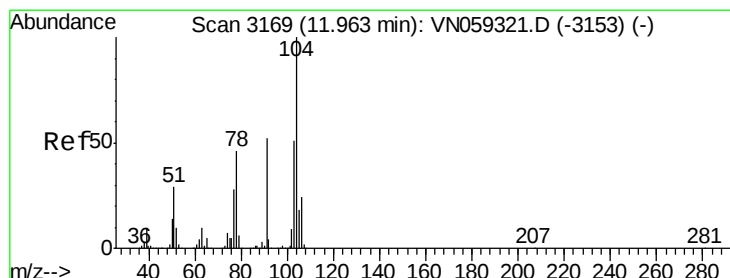
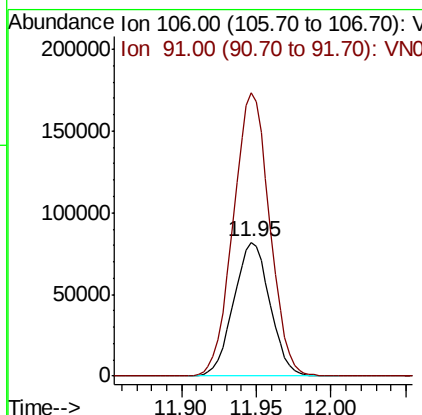
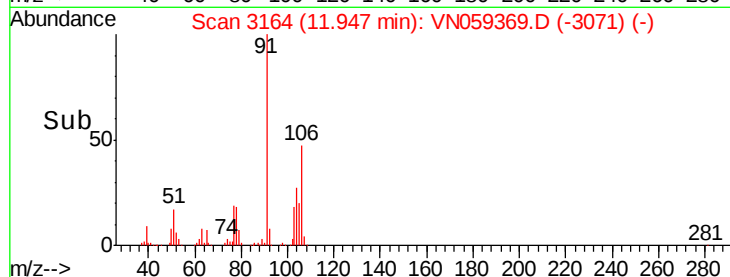
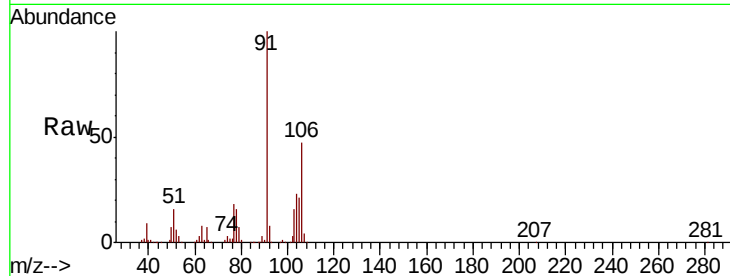




#69
o-Xylene
Concen: 19.854 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059369.D
Acq: 22 Nov 2019 16:52

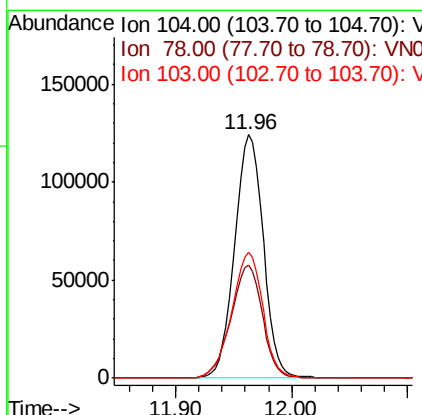
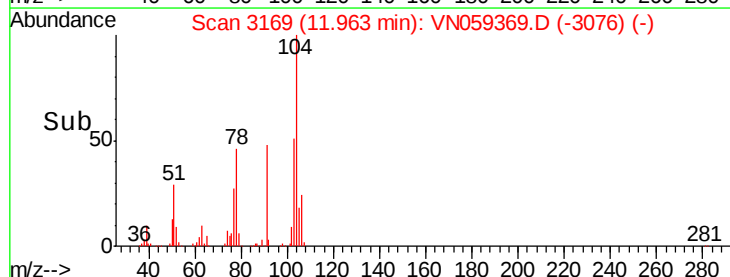
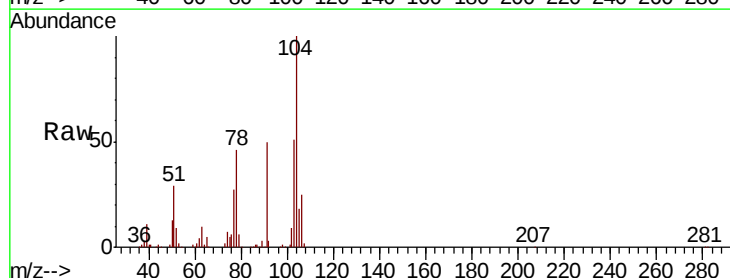
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

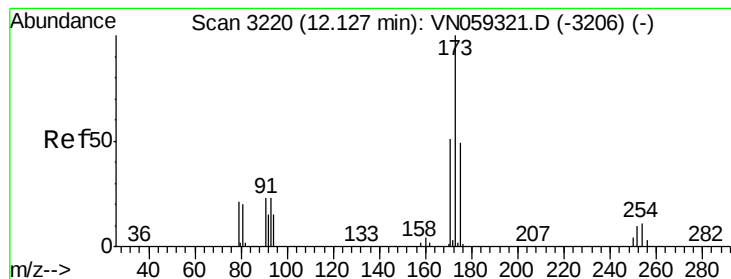
Tot Ion:106 Resp: 138369
Ion Ratio Lower Upper
106 100
91 211.9 109.3 327.9



#70
Styrene
Concen: 19.368 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059369.D
Acq: 22 Nov 2019 16:52

Tgt Ion:104 Resp: 212992
Ion Ratio Lower Upper
104 100
78 51.0 40.3 60.5
103 55.9 43.6 65.4





#71

Bromoform

Concen: 19.435 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBSD01

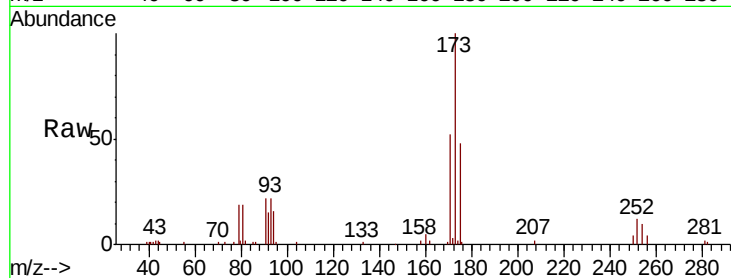
Tot Ion:173 Resp: 58671

Ion Ratio Lower Upper

173 100

175 48.2 24.6 73.6

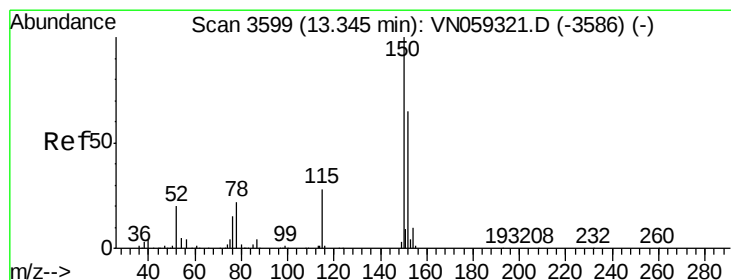
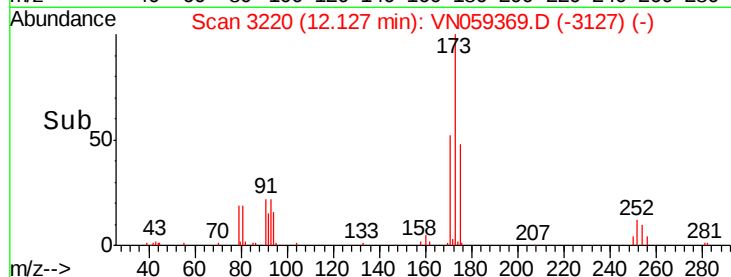
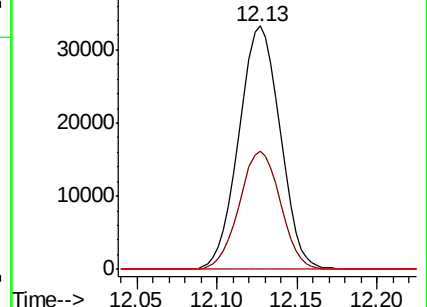
254 0.0 0.1 0.1#



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: VN059369.D

Acq: 22 Nov 2019 16:52

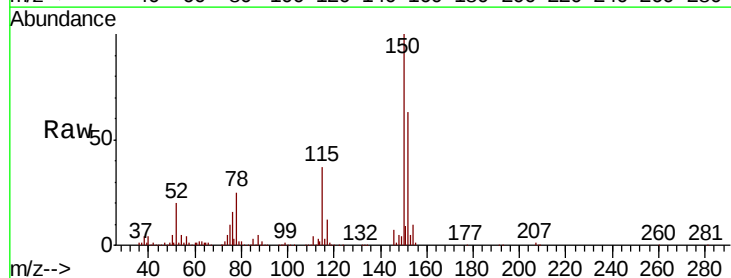
Tgt Ion:152 Resp: 231272

Ion Ratio Lower Upper

152 100

115 59.6 29.3 88.0

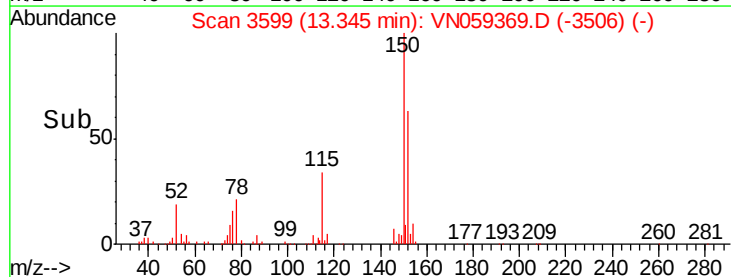
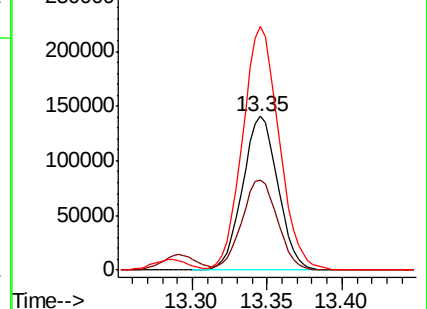
150 163.4 0.0 346.0

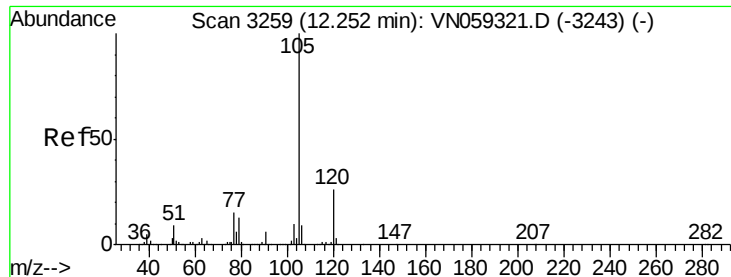


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.579 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

Instrument :

MSVOA_N

ClientSampleId :

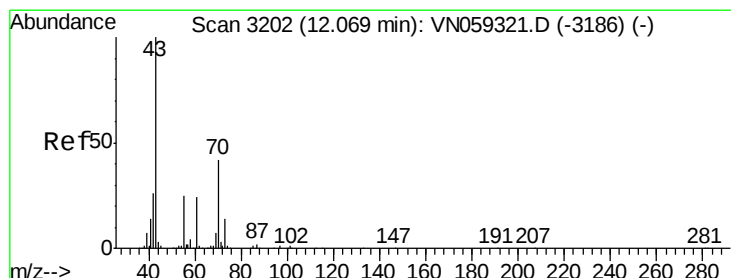
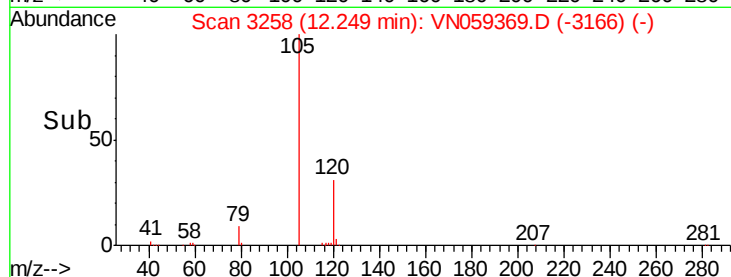
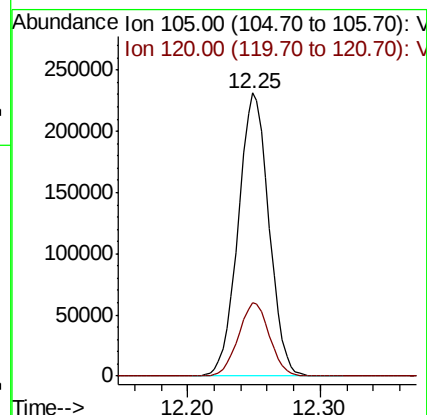
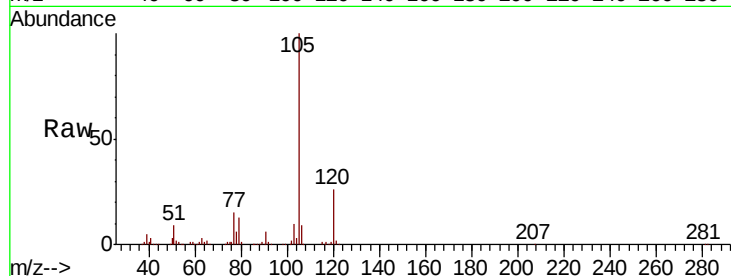
VN1122WBSD01

Tot Ion: 105 Resp: 370928

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.3



#74

N-ethyl acetate

Concen: 18.398 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

Tgt Ion: 43 Resp: 140079

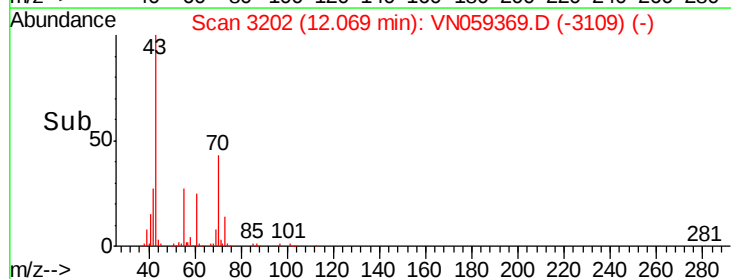
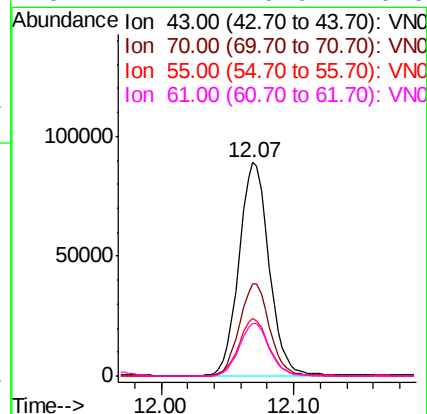
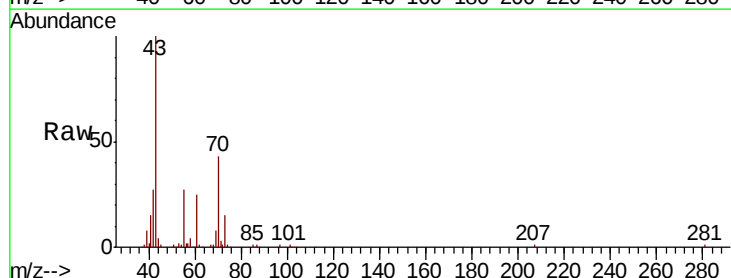
Ion Ratio Lower Upper

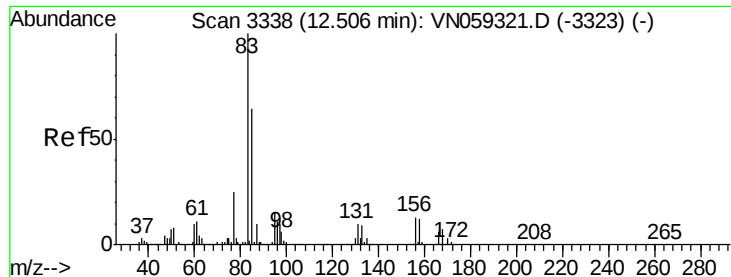
43 100

70 43.9 33.8 50.6

55 26.8 20.3 30.5

61 24.7 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.846 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBSD01

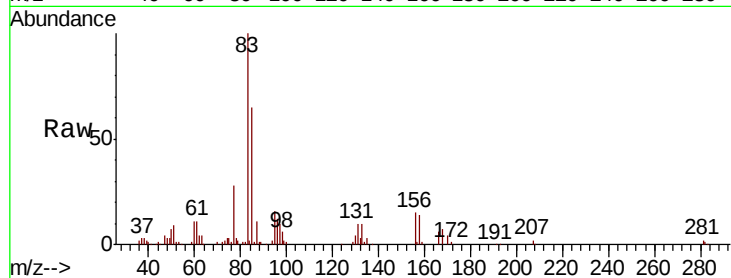
Tot Ion: 83 Resp: 118109

Ion Ratio Lower Upper

83 100

131 9.8 5.0 14.9

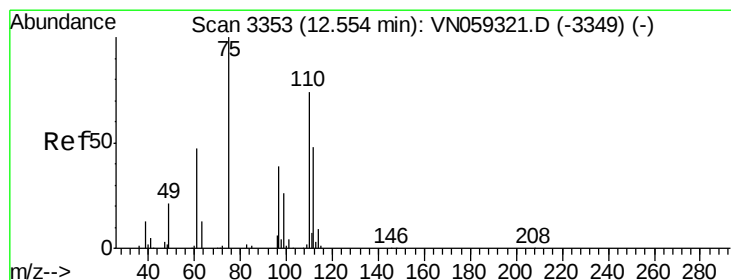
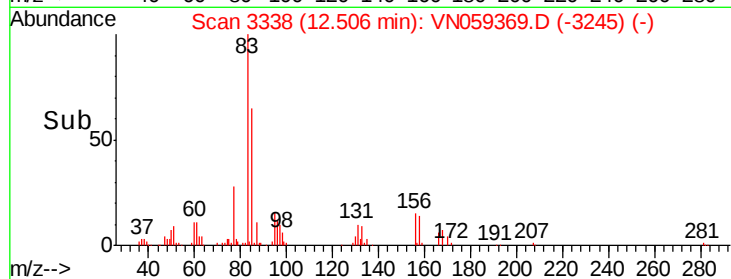
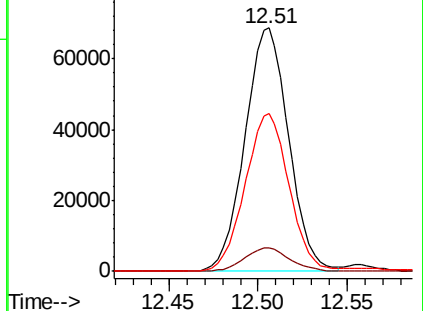
85 64.8 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN059369.D (-3245) (-)

Ion 130.80 (130.50 to 131.50): VN059369.D (-3245) (-)

Ion 84.90 (84.60 to 85.60): VN059369.D (-3245) (-)



#76

1,2,3-Trichloropropane

Concen: 29.871 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059369.D

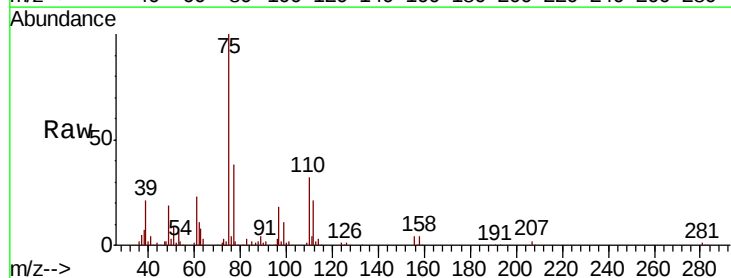
Acq: 22 Nov 2019 16:52

Tgt Ion: 75 Resp: 159602

Ion Ratio Lower Upper

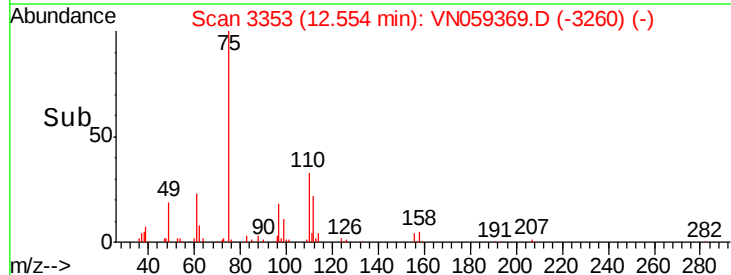
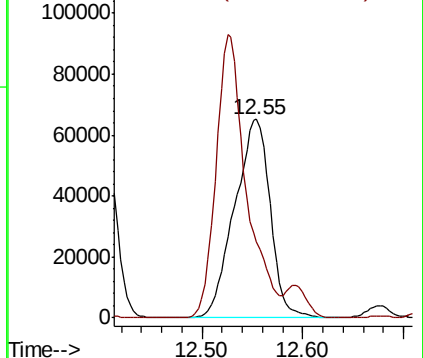
75 100

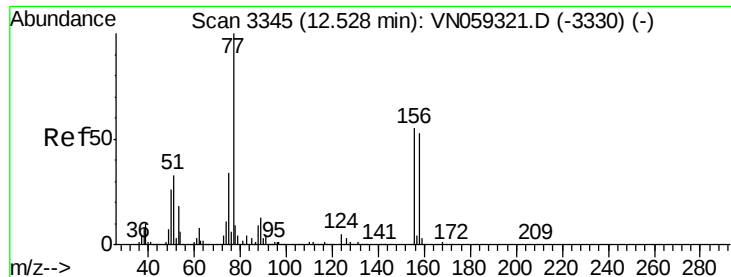
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059369.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN059369.D (-3260) (-)





#77

Bromobenzene

Concen: 19.109 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBSD01

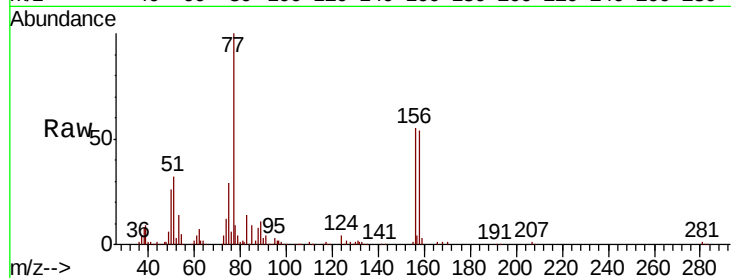
Tot Ion:156 Resp: 87810

Ion Ratio Lower Upper

156 100

77 221.2 111.1 333.4

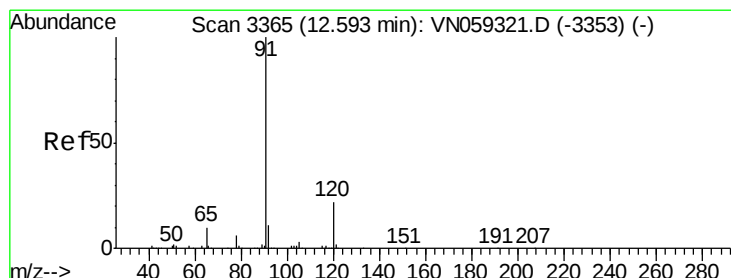
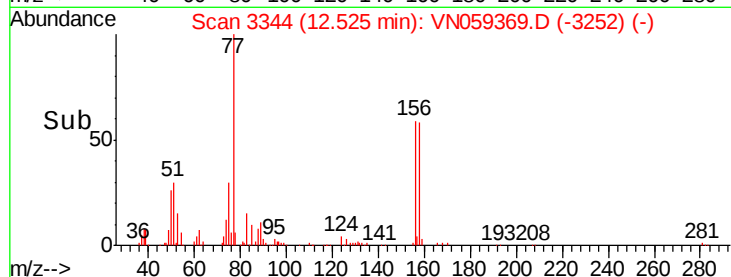
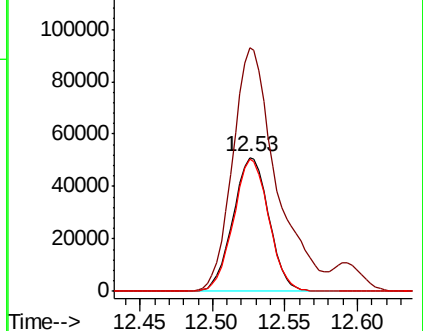
158 97.0 47.8 143.4



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



#78

n-propylbenzene

Concen: 19.894 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059369.D

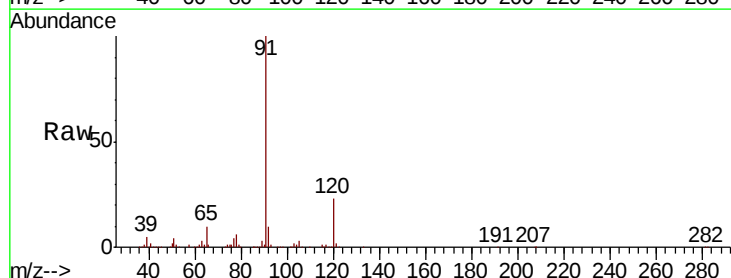
Acq: 22 Nov 2019 16:52

Tgt Ion: 91 Resp: 426928

Ion Ratio Lower Upper

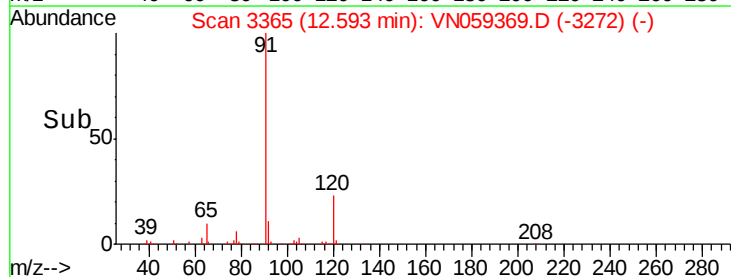
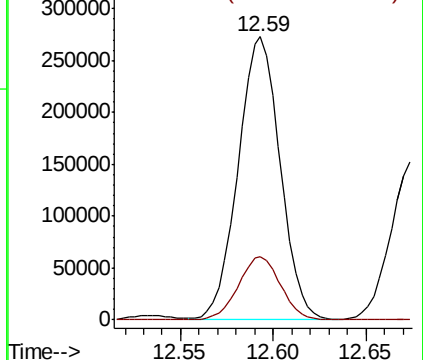
91 100

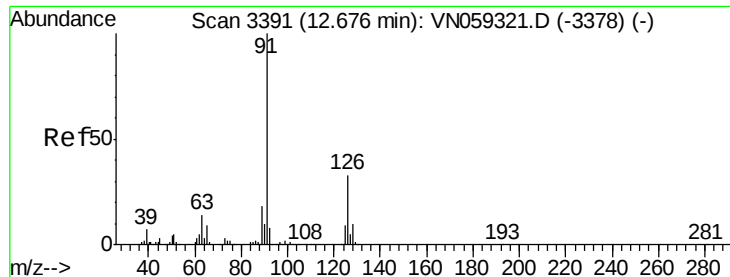
120 22.6 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

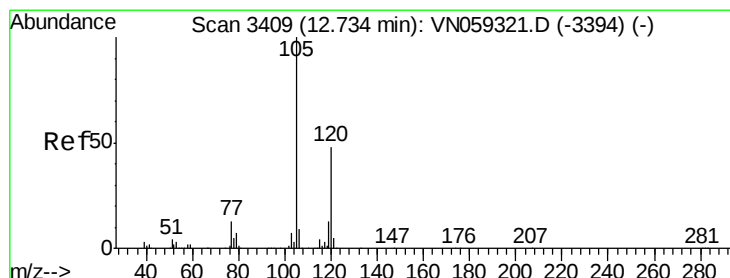
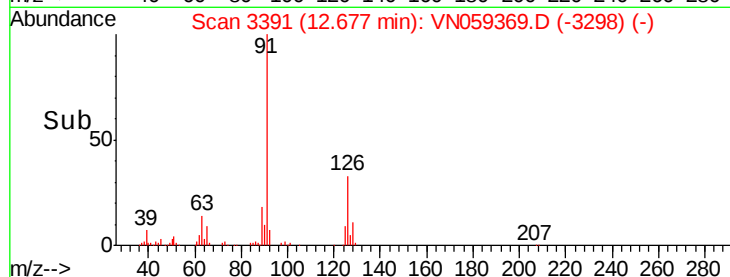
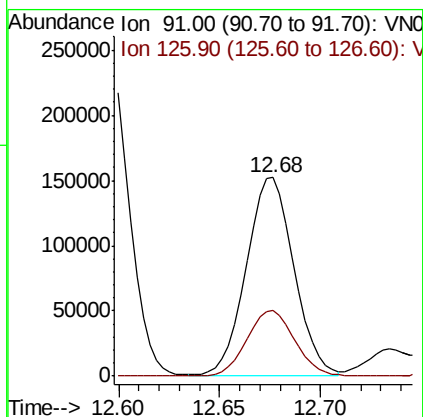
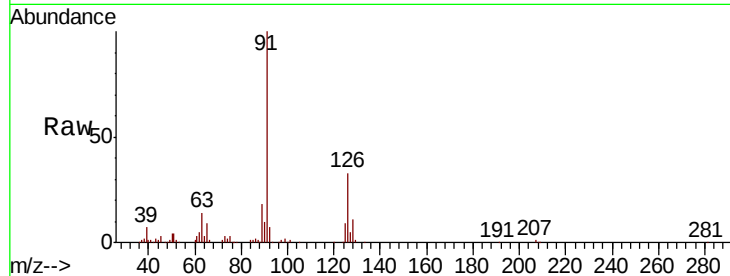




#79
 2-Chlorotoluene
 Concen: 18.964 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VN059369.D
 Acq: 22 Nov 2019 16:52

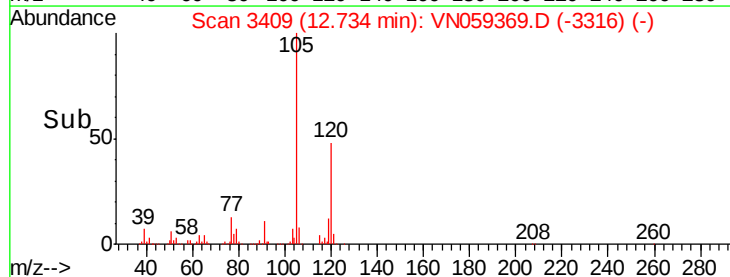
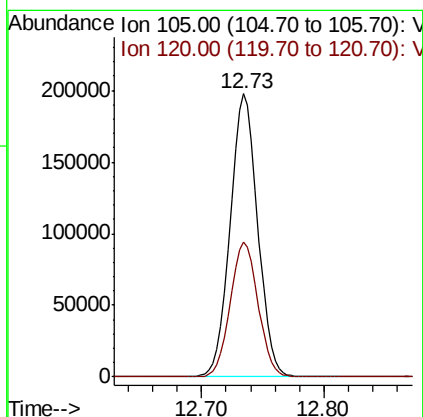
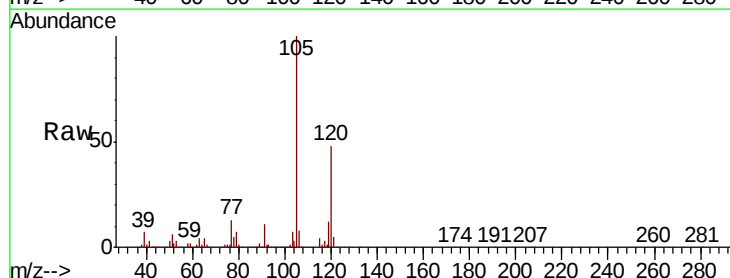
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBSD01

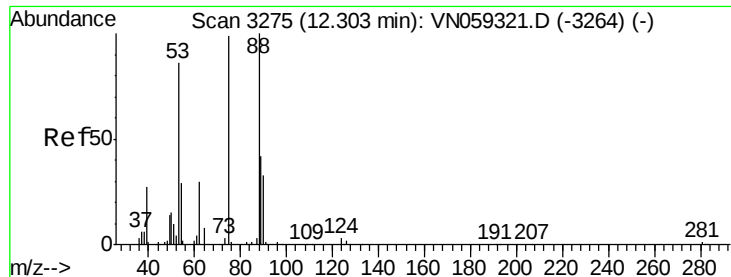
Tot Ion: 91 Resp: 249798
 Ion Ratio Lower Upper
 91 100
 126 33.6 16.7 50.1



#80
 1,3,5-Trimethylbenzene
 Concen: 19.523 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN059369.D
 Acq: 22 Nov 2019 16:52

Tgt Ion: 105 Resp: 310922
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.697 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBSD01

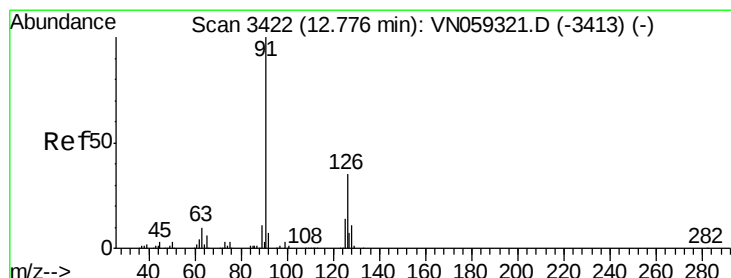
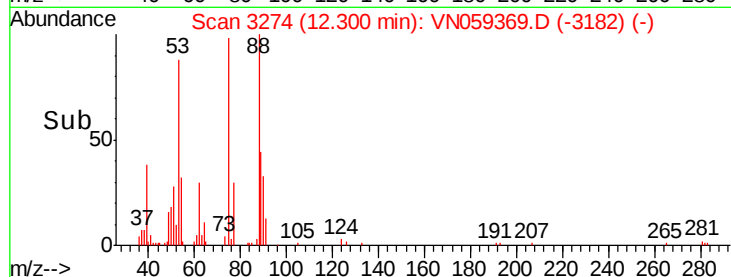
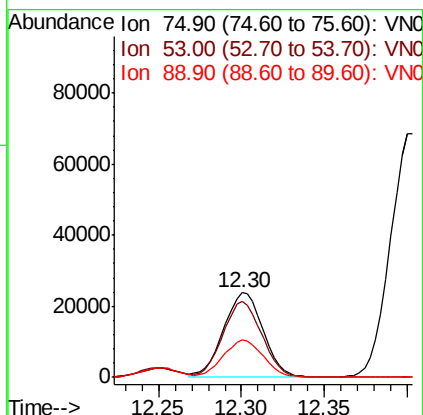
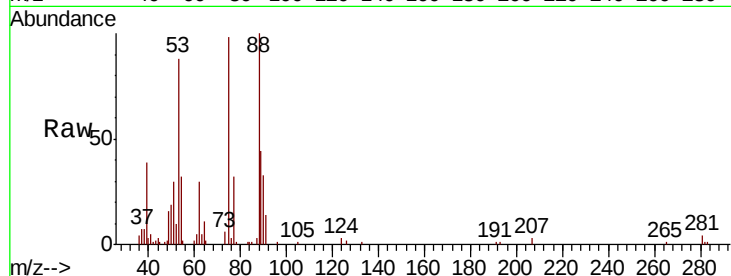
Tot Ion: 75 Resp: 39941

Ion Ratio Lower Upper

75 100

53 86.6 70.7 106.1

89 44.4 35.4 53.0



#82

4-Chlorotoluene

Concen: 18.503 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN059369.D

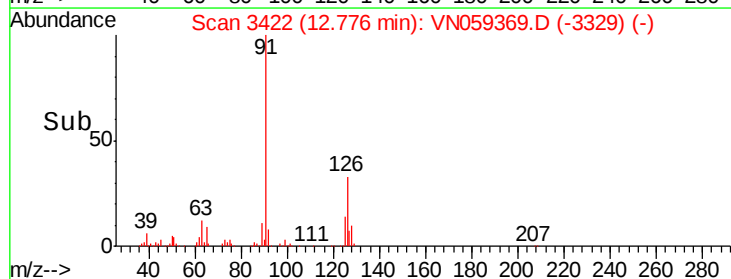
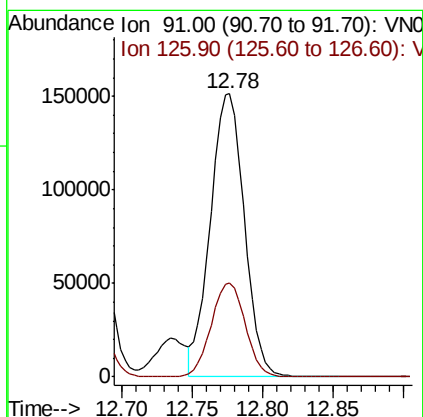
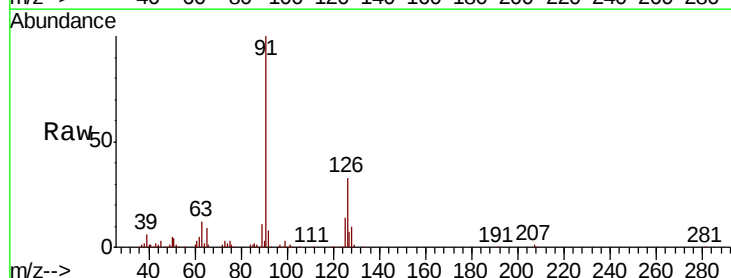
Acq: 22 Nov 2019 16:52

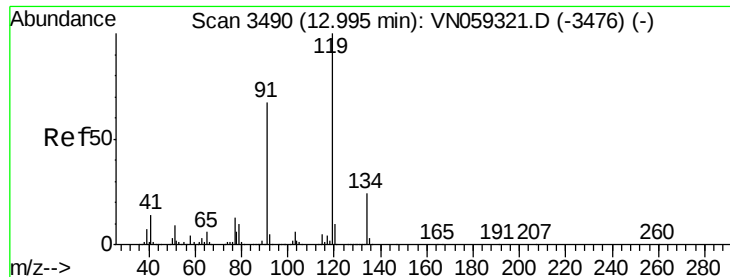
Tgt Ion: 91 Resp: 252211

Ion Ratio Lower Upper

91 100

126 33.4 16.2 48.6

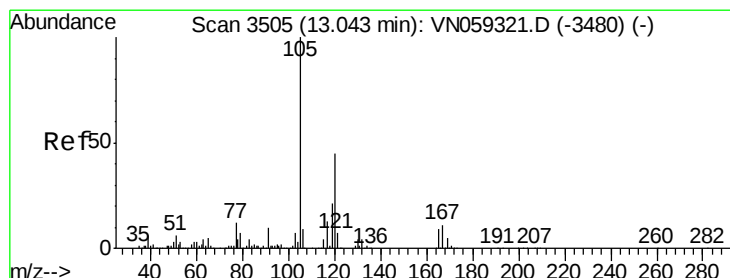
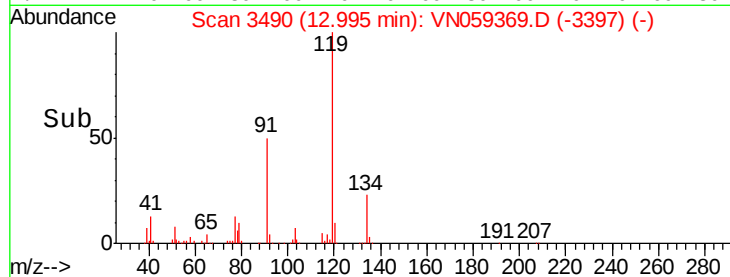
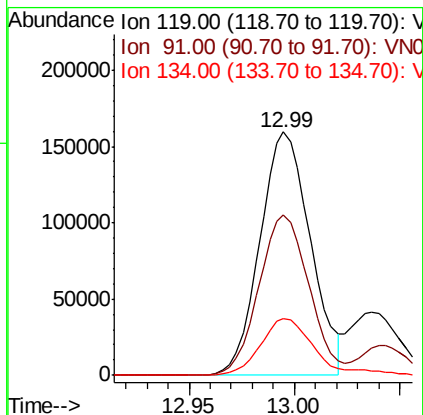
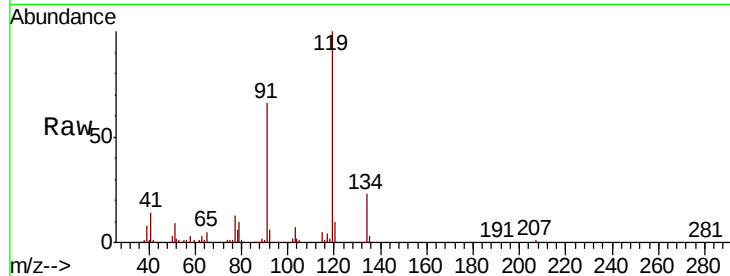




#83
 tert-Butylbenzene
 Concen: 19.780 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN059369.D
 Acq: 22 Nov 2019 16:52

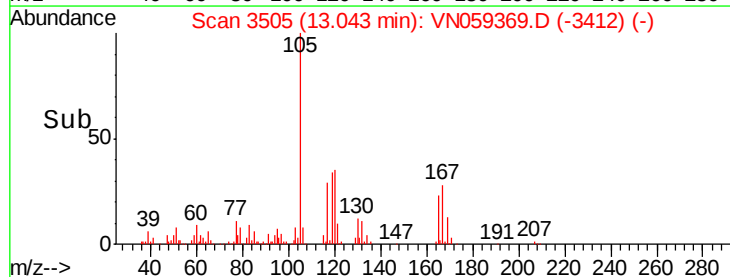
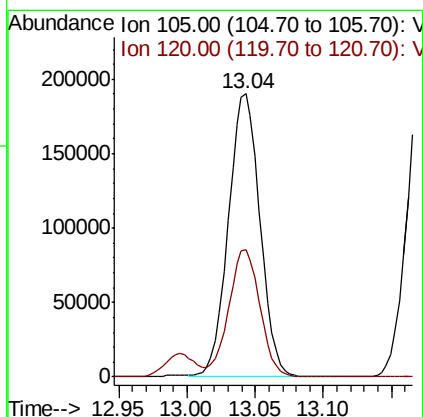
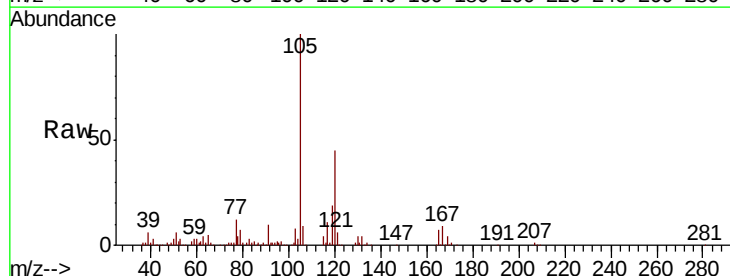
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBSD01

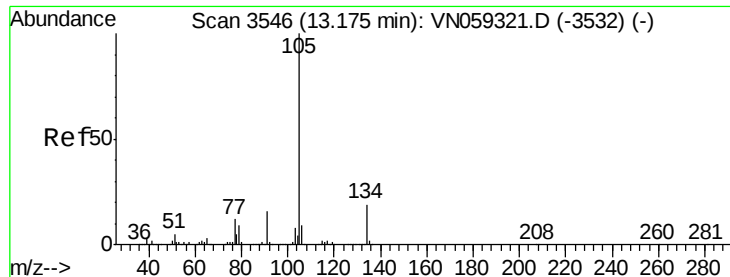
Tot Ion:119 Resp: 266051
 Ion Ratio Lower Upper
 119 100
 91 65.3 32.8 98.4
 134 25.0 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.541 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN059369.D
 Acq: 22 Nov 2019 16:52

Tgt Ion:105 Resp: 304863
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.6 67.8





#85

sec-Butylbenzene

Concen: 19.729 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

Instrument :

MSVOA_N

ClientSampleId :

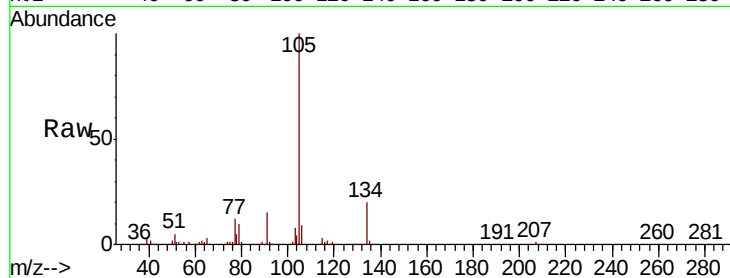
VN1122WBSD01

Tot Ion:105 Resp: 356673

Ion Ratio Lower Upper

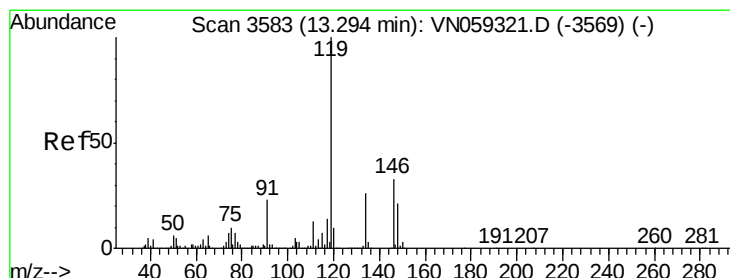
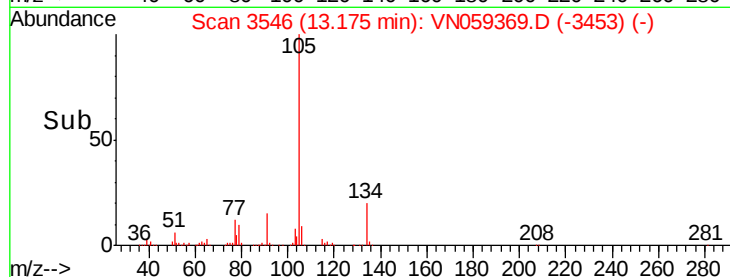
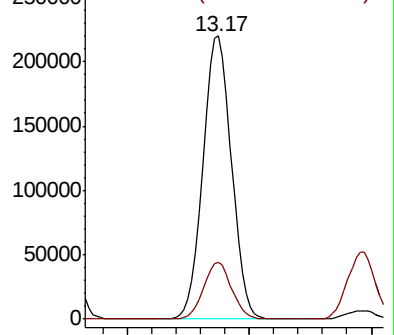
105 100

134 19.6 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.615 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

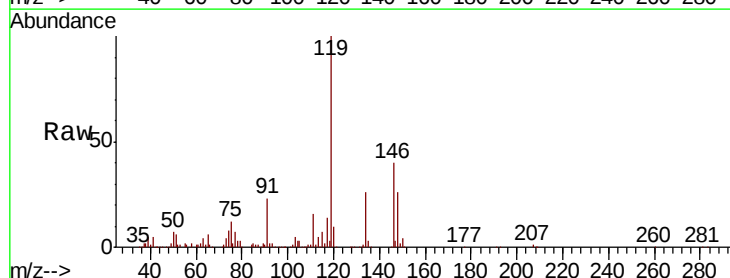
Tgt Ion:119 Resp: 315545

Ion Ratio Lower Upper

119 100

134 26.2 13.0 38.9

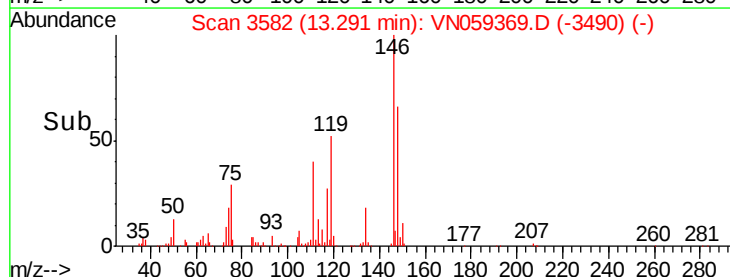
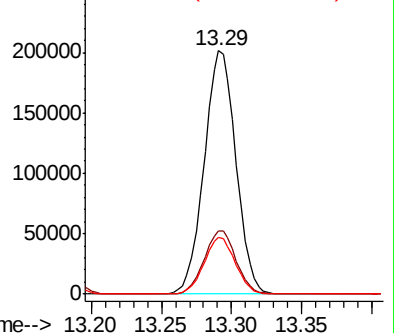
91 22.7 11.6 34.7

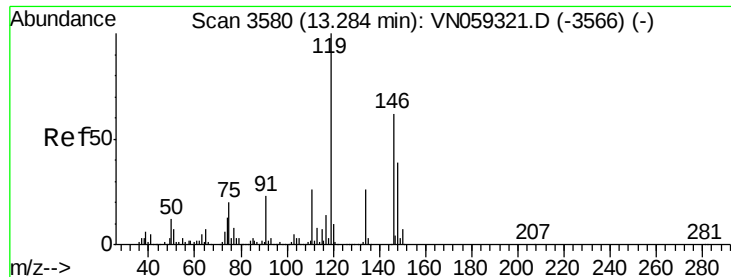


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.716 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBSD01

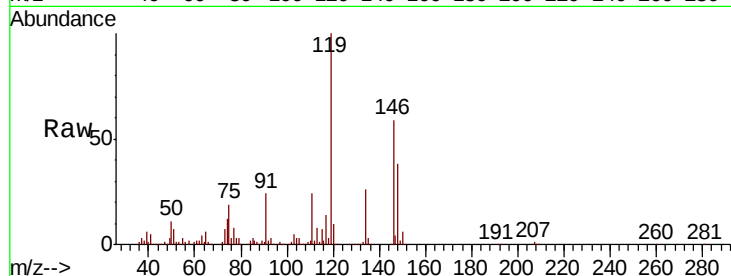
Tot Ion:146 Resp: 153161

Ion Ratio Lower Upper

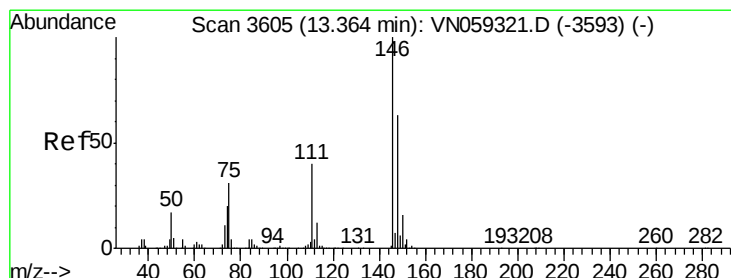
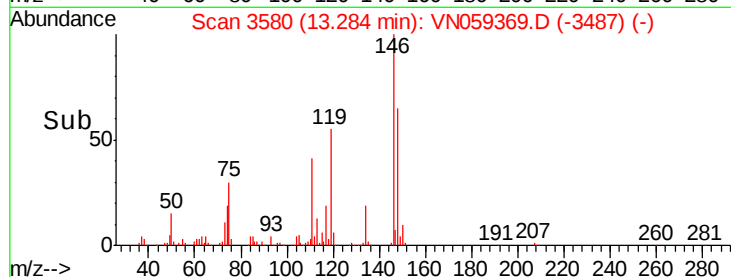
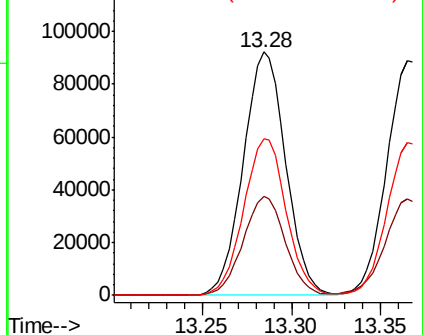
146 100

111 40.5 20.6 61.8

148 64.5 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.594 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

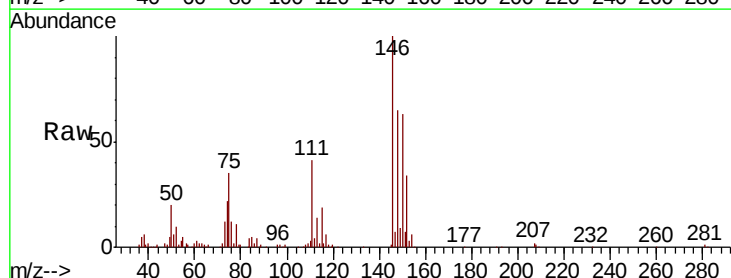
Tgt Ion:146 Resp: 150550

Ion Ratio Lower Upper

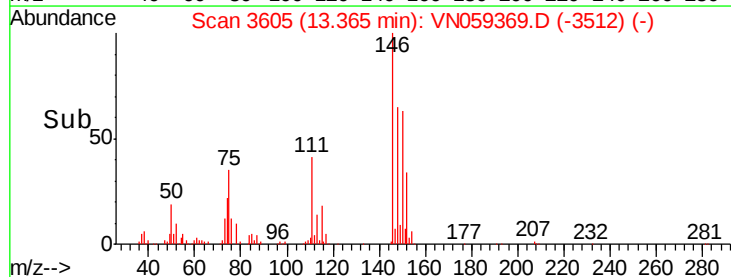
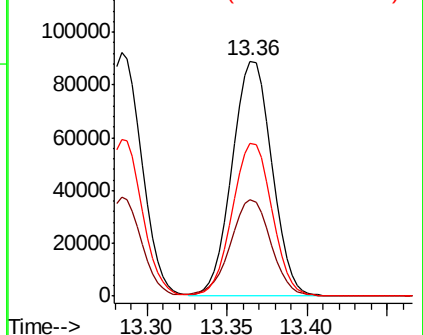
146 100

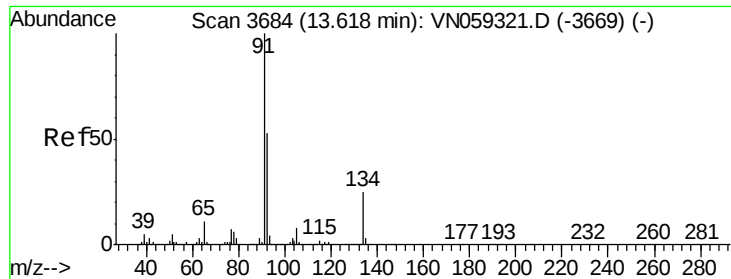
111 42.2 20.1 60.3

148 65.2 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

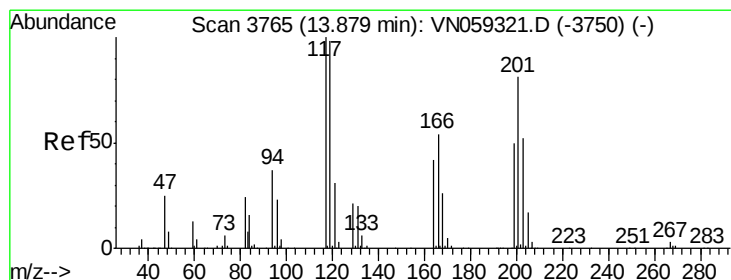
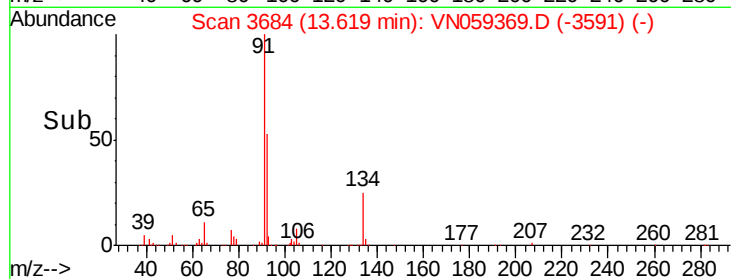
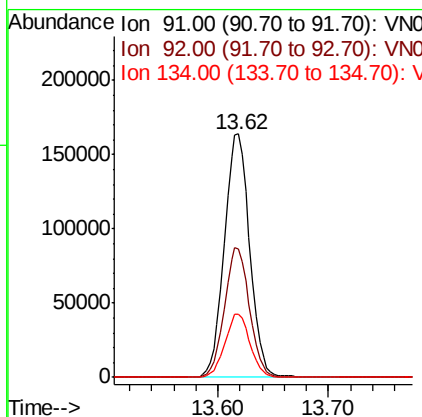
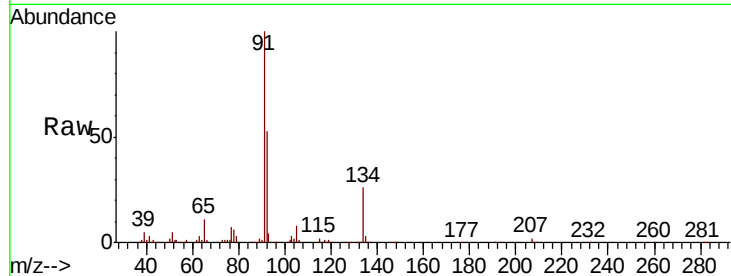




#89
n-Butylbenzene
Concen: 18.514 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059369.D
Acq: 22 Nov 2019 16:52

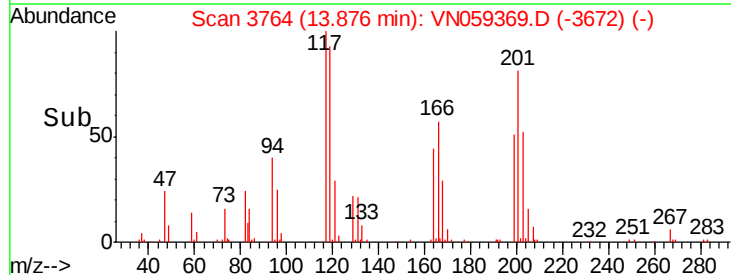
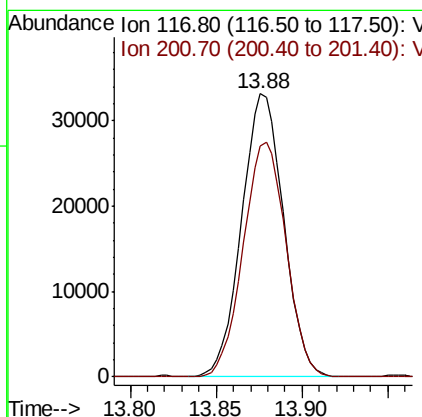
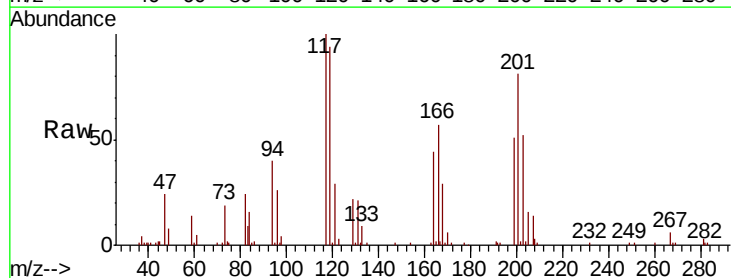
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

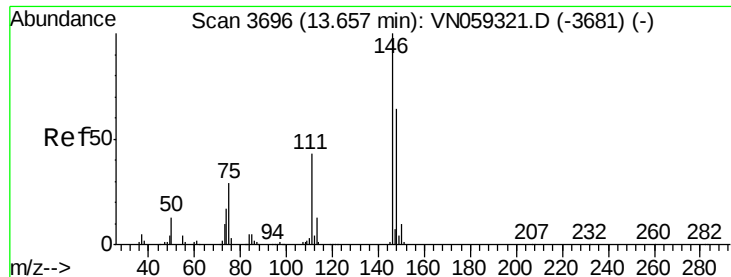
Tot Ion: 91 Resp: 261272
Ion Ratio Lower Upper
91 100
92 52.3 26.0 78.0
134 25.8 12.7 38.1



#90
Hexachloroethane
Concen: 18.502 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059369.D
Acq: 22 Nov 2019 16:52

Tgt Ion: 117 Resp: 56369
Ion Ratio Lower Upper
117 100
201 84.2 40.4 121.2





#91

1,2-Dichlorobenzene

Concen: 19.121 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBSD01

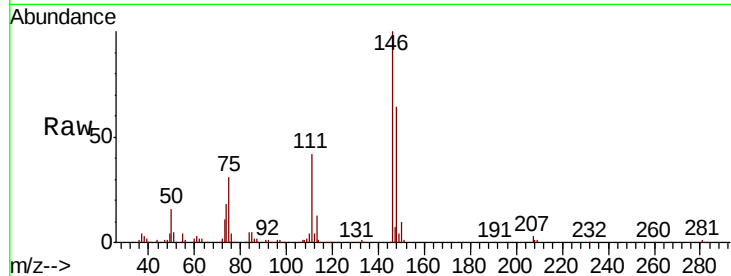
Tot Ion:146 Resp: 151389

Ion Ratio Lower Upper

146 100

111 42.2 21.3 64.0

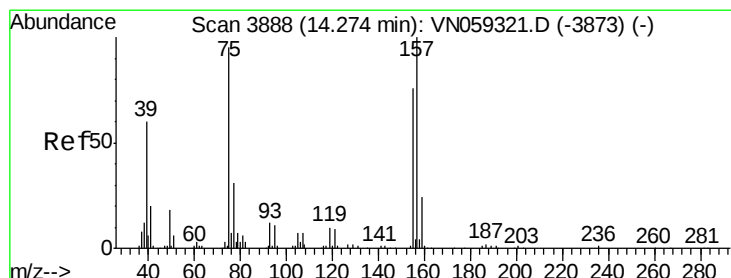
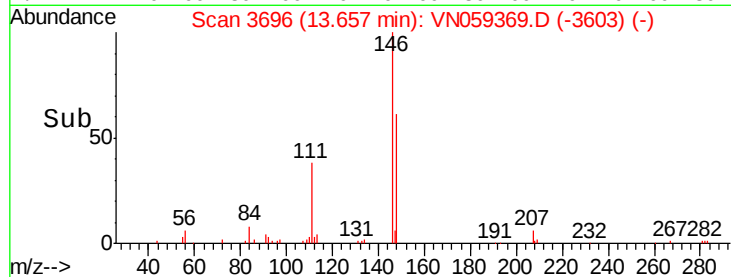
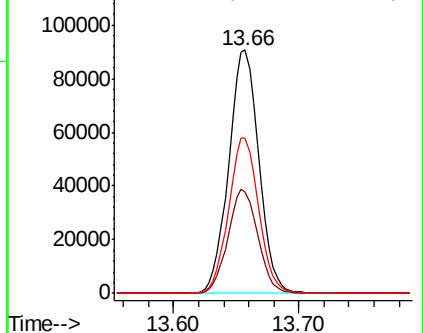
148 63.5 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.905 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

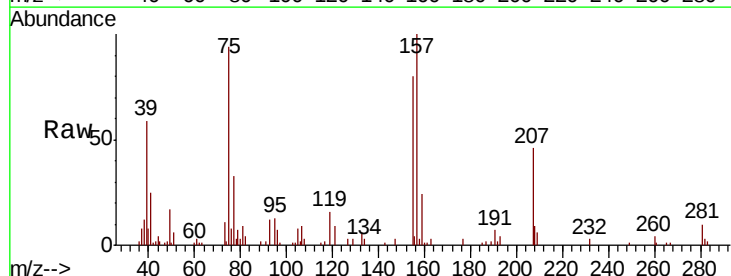
Tgt Ion: 75 Resp: 22524

Ion Ratio Lower Upper

75 100

155 83.8 40.5 121.5

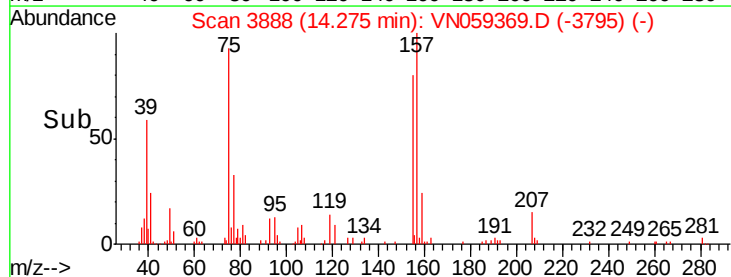
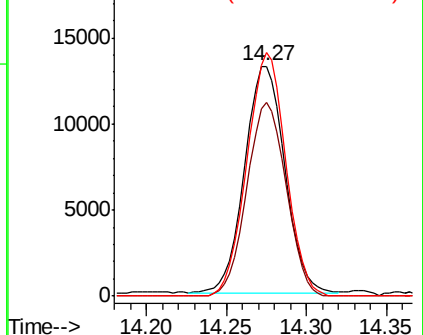
157 104.2 52.7 158.1

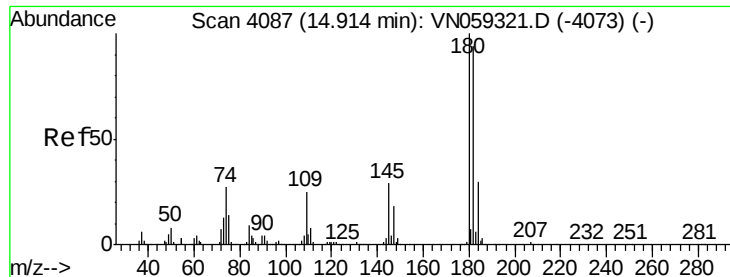


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

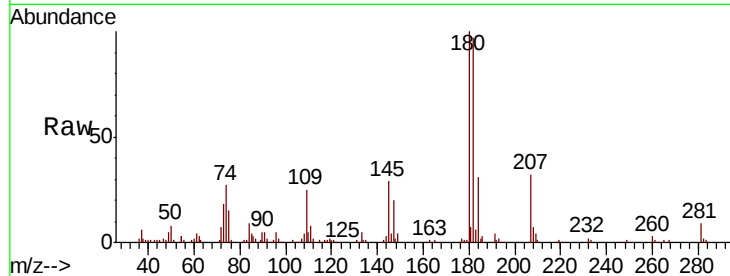




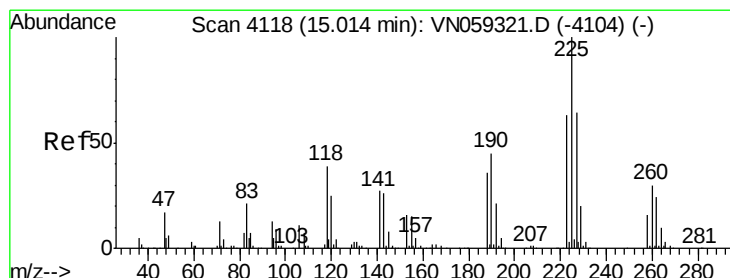
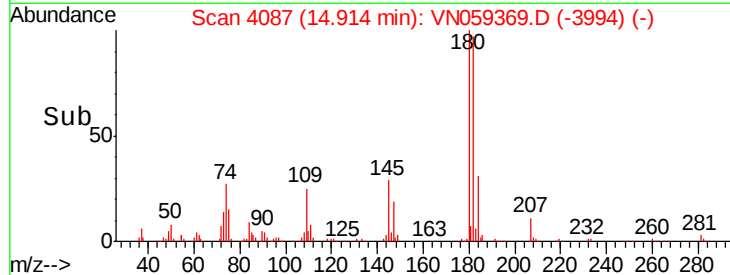
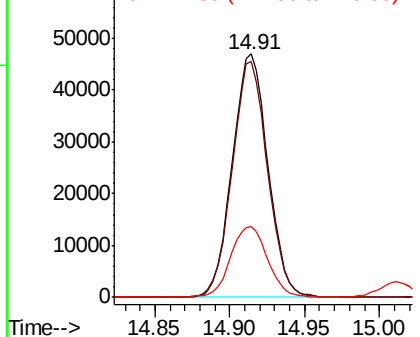
#93
 1,2,4-Trichlorobenzene
 Concen: 17.832 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059369.D
 Acq: 22 Nov 2019 16:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBSD01

Tot Ion:180 Resp: 77920
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.2 141.6
 145 30.1 14.9 44.5

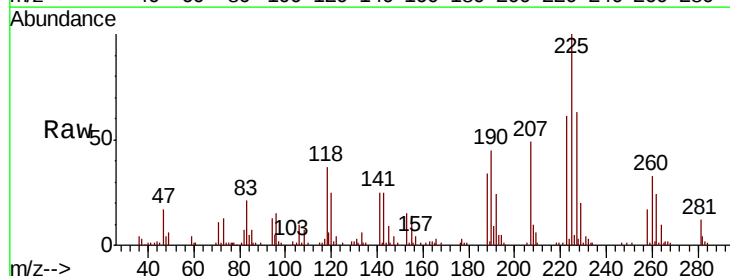


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

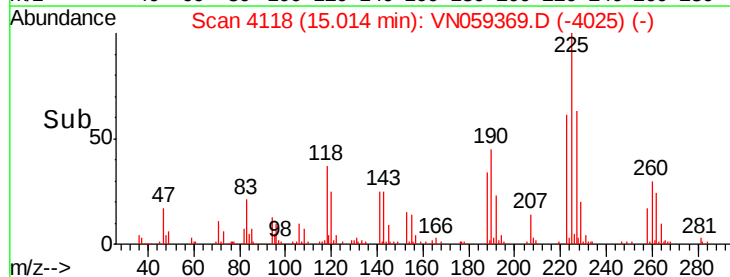
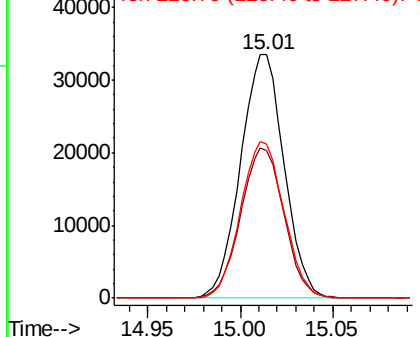


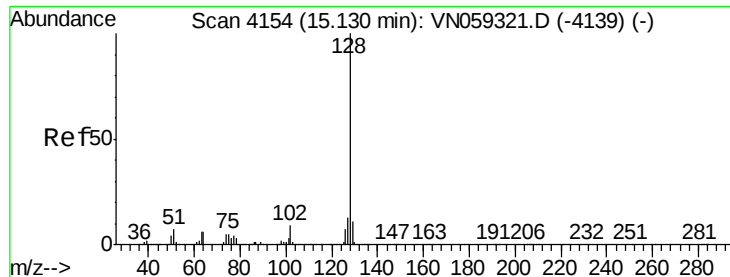
#94
 Hexachlorobutadiene
 Concen: 19.126 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN059369.D
 Acq: 22 Nov 2019 16:52

Tgt Ion:225 Resp: 54557
 Ion Ratio Lower Upper
 225 100
 223 61.3 31.6 94.8
 227 64.0 32.6 97.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 17.342 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBSD01

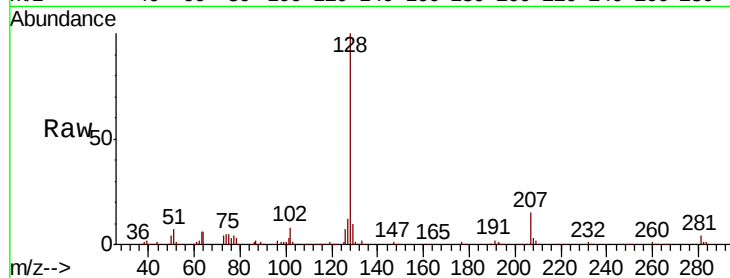
Tot Ion:128 Resp: 206338

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.2

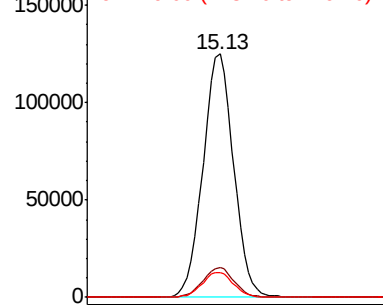
129 10.6 8.6 13.0



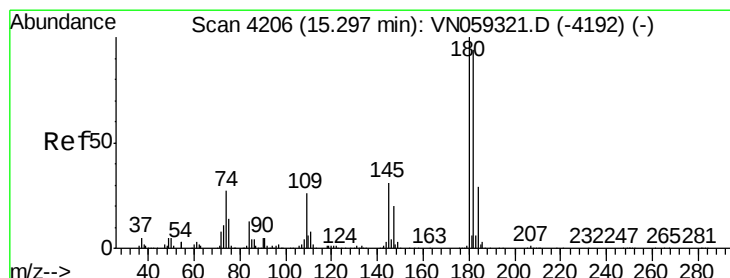
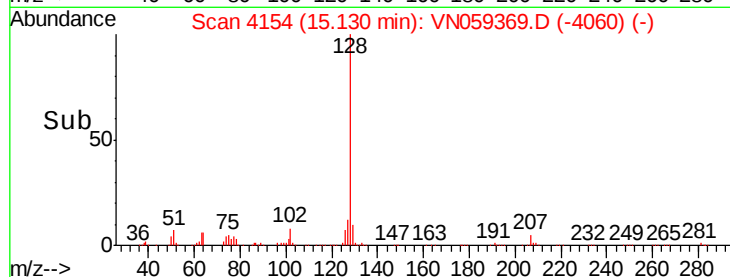
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 17.608 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. 0.00 min

Lab File: VN059369.D

Acq: 22 Nov 2019 16:52

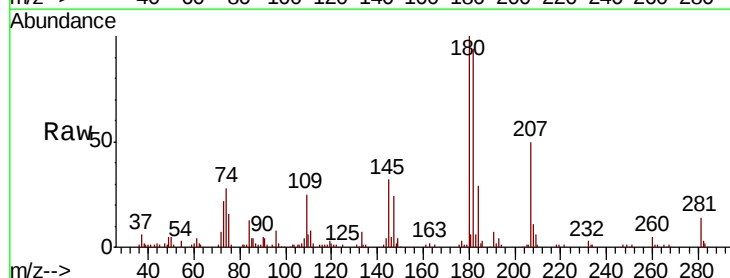
Tgt Ion:180 Resp: 78915

Ion Ratio Lower Upper

180 100

182 93.9 47.1 141.4

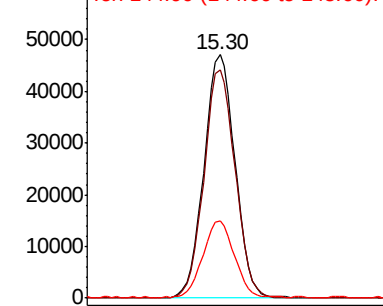
145 32.5 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->

