

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112519\
 Data File : VN059390.D
 Acq On : 25 Nov 2019 18:00
 Operator : JC/SP
 Sample : VN1125WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD02

Quant Time: Nov 26 01:20:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

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

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	211453	49.24	ug/l	0.00
Spiked Amount			Recovery	=	98.48%	
35) Dibromofluoromethane	7.57	113	171582	51.03	ug/l	0.00
Spiked Amount			Recovery	=	102.06%	
50) Toluene-d8	10.08	98	670361	50.15	ug/l	0.00
Spiked Amount			Recovery	=	100.30%	
62) 4-Bromofluorobenzene	12.40	95	235506	50.38	ug/l	0.00
Spiked Amount			Recovery	=	100.76%	

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

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	122666	17.580	ug/l	99
40) Benzene	8.02	78	317252	18.681	ug/l	99
41) Methacrylonitrile	7.15	41	45537m	16.495	ug/l	
42) 1,2-Dichloroethane	8.10	62	104775	18.654	ug/l	100
43) Isopropyl Acetate	8.15	43	173608	18.267	ug/l	98
44) Trichloroethene	8.82	130	79568	18.487	ug/l	98
45) 1,2-Dichloropropane	9.10	63	84503	18.660	ug/l	99
46) Dibromomethane	9.19	93	51699	18.612	ug/l	99
47) Bromodichloromethane	9.39	83	105261	18.922	ug/l	100
48) Methyl methacrylate	9.19	41	76126	17.614	ug/l	96
49) 1,4-Dioxane	9.19	88	23295	358.637	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	543149	97.638	ug/l	100
52) Toluene	10.15	92	190694	18.674	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	120430	18.623	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	131983	18.808	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	76445	19.254	ug/l	100
56) Ethyl methacrylate	10.42	69	111843	18.140	ug/l	99
57) 1,3-Dichloropropane	10.70	76	131564	19.012	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	173216	86.747	ug/l	99
59) 2-Hexanone	10.74	43	400073	98.217	ug/l	99
60) Dibromochloromethane	10.90	129	81071	19.377	ug/l	99
61) 1,2-Dibromoethane	11.00	107	78783	19.071	ug/l	100
64) Tetrachloroethene	10.63	164	71890	18.532	ug/l	95
65) Chlorobenzene	11.43	112	199756	18.522	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	73876	18.856	ug/l	99
67) Ethyl Benzene	11.51	91	356257	18.501	ug/l	99
68) m/p-Xylenes	11.62	106	264891	37.020	ug/l	100
69) o-Xylene	11.95	106	126195	18.422	ug/l	100
70) Styrene	11.96	104	198784	18.391	ug/l	99
71) Bromoform	12.13	173	56311	18.978	ug/l #	99
73) Isopropylbenzene	12.25	105	340121	18.167	ug/l	100
74) N-amyl acetate	12.07	43	133769	17.778	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	114716	18.523	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	104189m	19.733	ug/l	
77) Bromobenzene	12.53	156	82533	18.175	ug/l	99
78) n-propylbenzene	12.59	91	390424	18.410	ug/l	100
79) 2-Chlorotoluene	12.68	91	233435	17.933	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	289349	18.385	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	39595	18.756	ug/l	98
82) 4-Chlorotoluene	12.77	91	236527	17.559	ug/l	99
83) tert-Butylbenzene	12.99	119	245691	18.484	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	284302	18.441	ug/l	99
85) sec-Butylbenzene	13.17	105	323040	18.082	ug/l	99
86) p-Isopropyltoluene	13.29	119	290788	18.291	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	145534	17.996	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	144117	18.012	ug/l	99
89) n-Butylbenzene	13.62	91	247650	17.758	ug/l	100
90) Hexachloroethane	13.88	117	52056	17.290	ug/l	96
91) 1,2-Dichlorobenzene	13.66	146	141306	18.060	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22270	16.913	ug/l	98

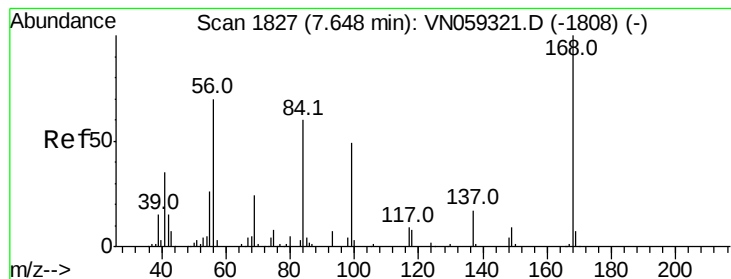
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112519\
Data File : VN059390.D
Acq On : 25 Nov 2019 18:00
Operator : JC/SP
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Quant Time: Nov 26 01:20:38 2019
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Quant Title : SW846 8260
QLast Update : Thu 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	74925	17.430	ug/l	99
94) Hexachlorobutadiene	15.01	225	51230	18.173	ug/l	98
95) Naphthalene	15.13	128	194285	16.673	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	75562	17.120	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

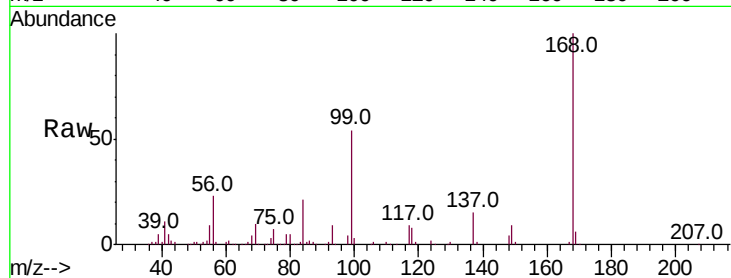
VN1125WBSD02

Tot Ion:168 Resp: 357942

Ion Ratio Lower Upper

168 100

99 53.7 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

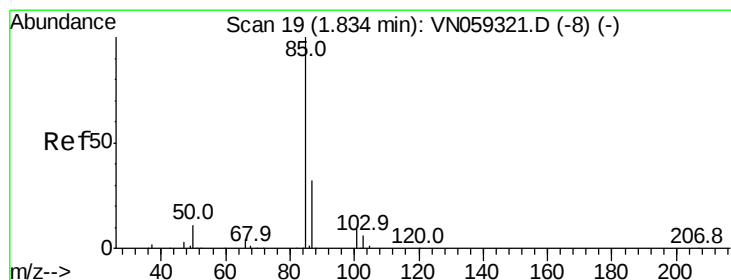
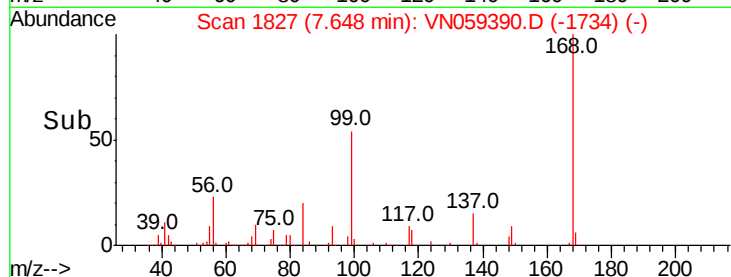
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.447 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059390.D

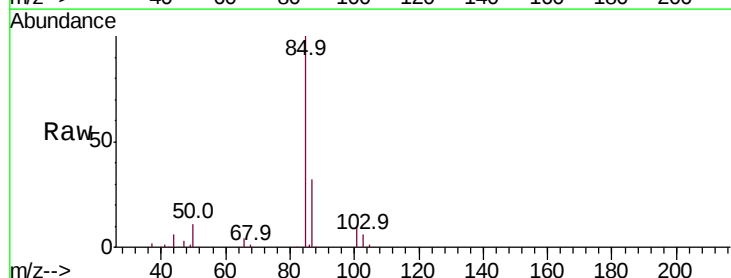
Acq: 25 Nov 2019 18:00

Tgt Ion: 85 Resp: 79952

Ion Ratio Lower Upper

85 100

87 31.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

60000

50000

40000

30000

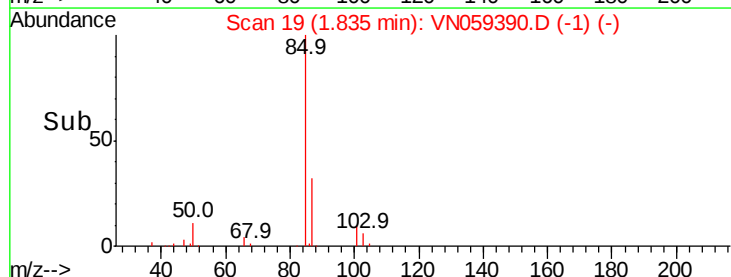
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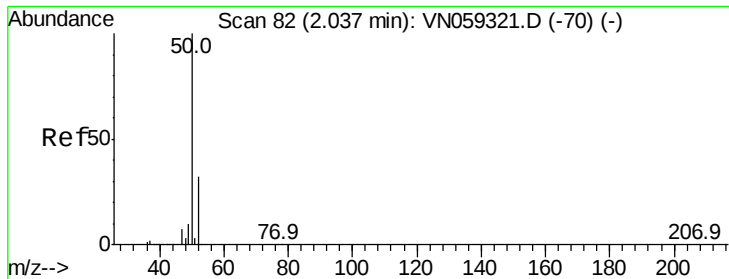
10000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 17.516 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

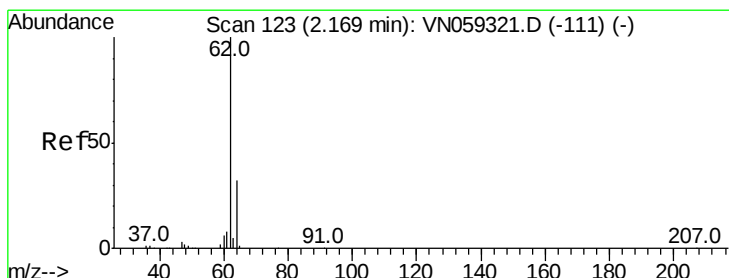
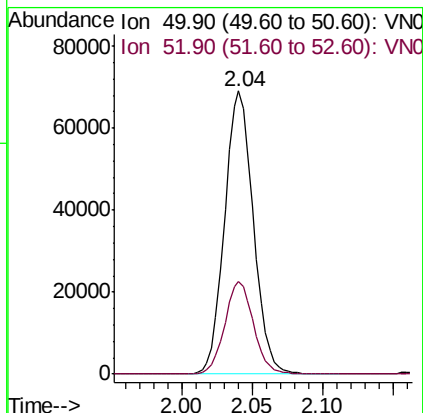
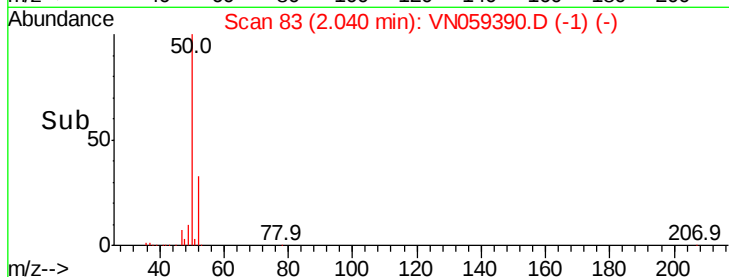
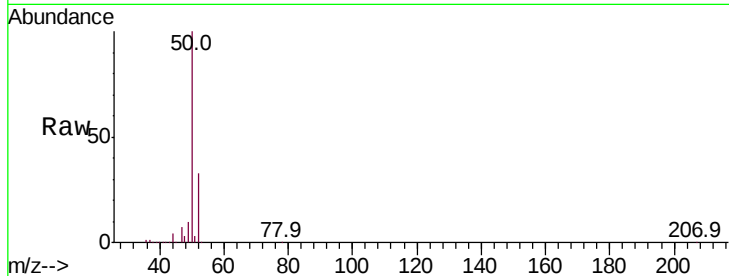
VN1125WBSD02

Tot Ion: 50 Resp: 98333

Ion Ratio Lower Upper

50 100

52 32.9 26.0 39.0



#4

Vinyl Chloride

Concen: 18.267 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059390.D

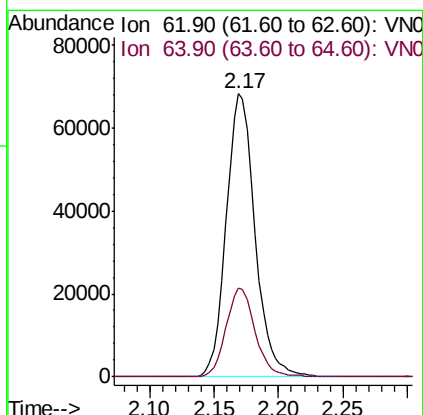
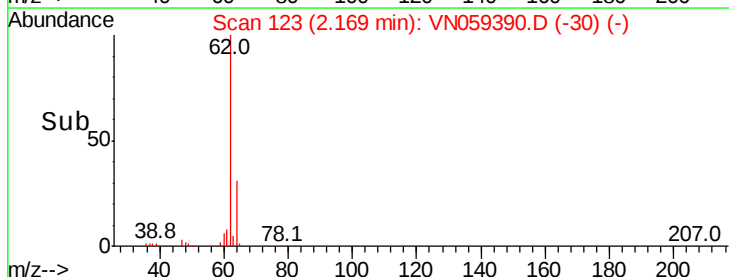
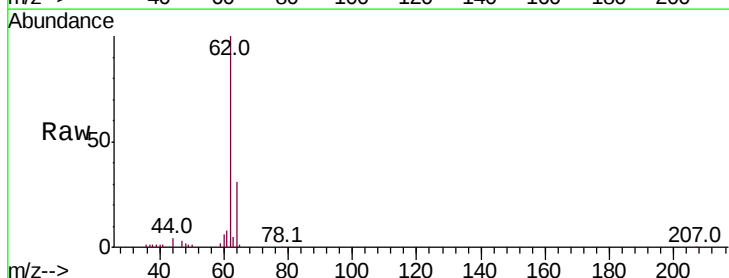
Acq: 25 Nov 2019 18:00

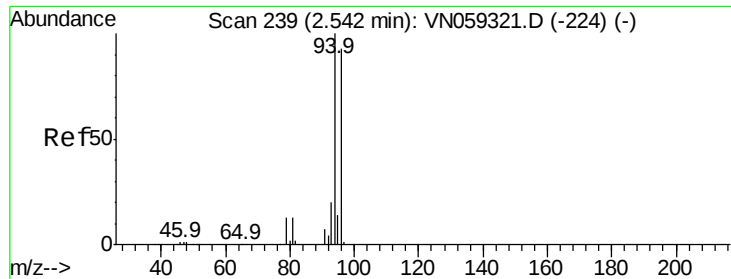
Tgt Ion: 62 Resp: 105579

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.0





#5

Bromomethane

Concen: 17.905 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

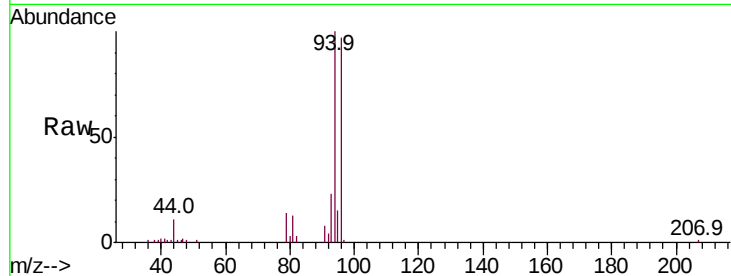
VN1125WBSD02

Tot Ion: 94 Resp: 57454

Ion Ratio Lower Upper

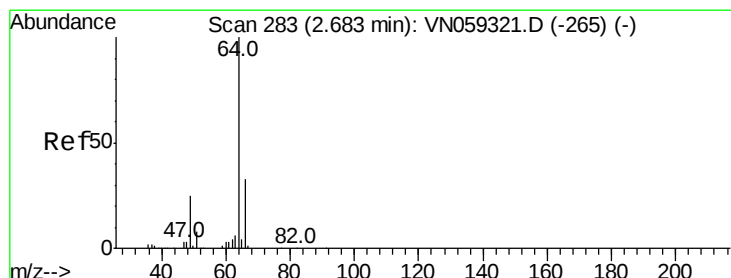
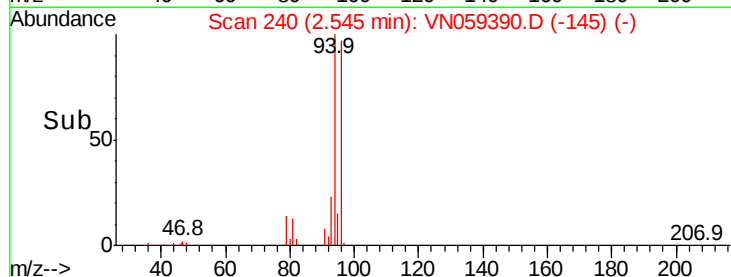
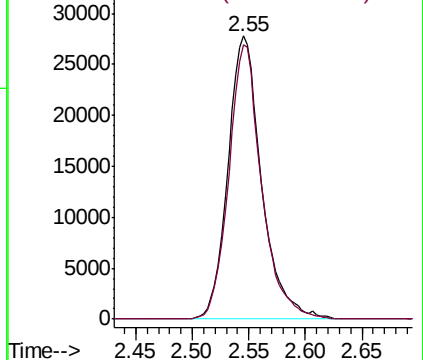
94 100

96 97.0 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 17.125 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059390.D

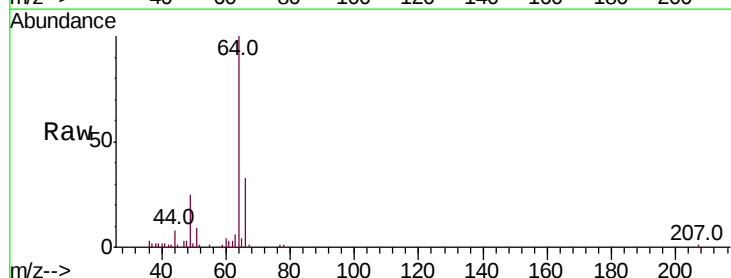
Acq: 25 Nov 2019 18:00

Tgt Ion: 64 Resp: 54020

Ion Ratio Lower Upper

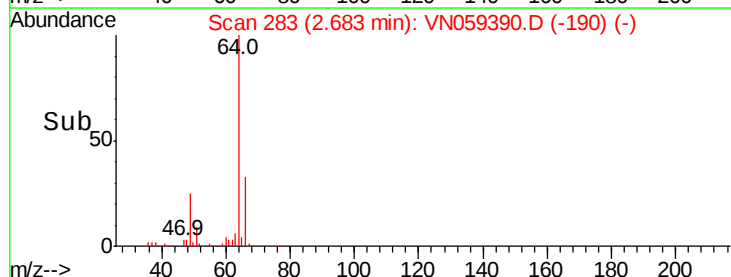
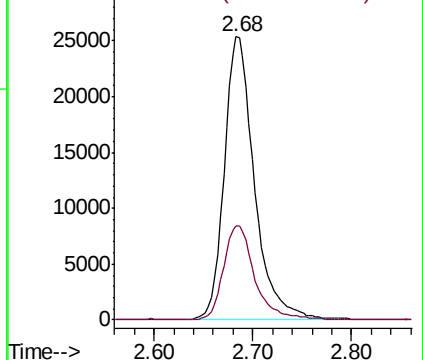
64 100

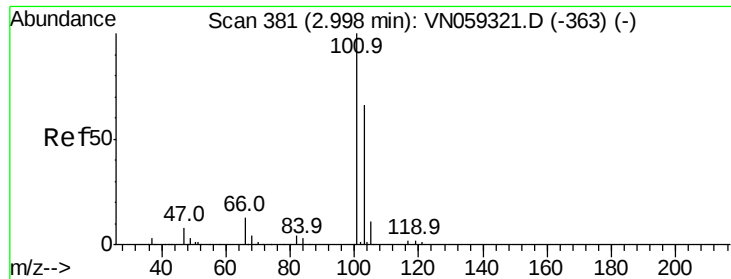
66 33.0 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO



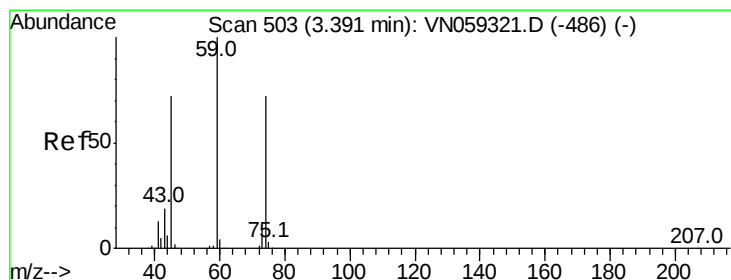
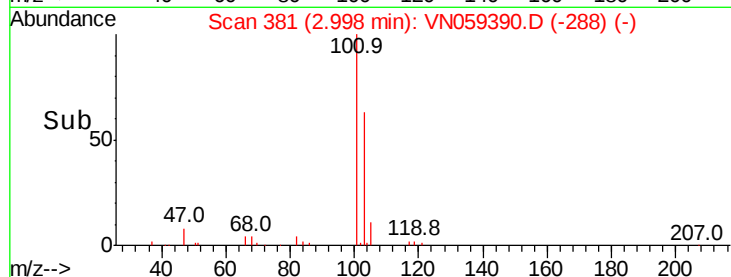
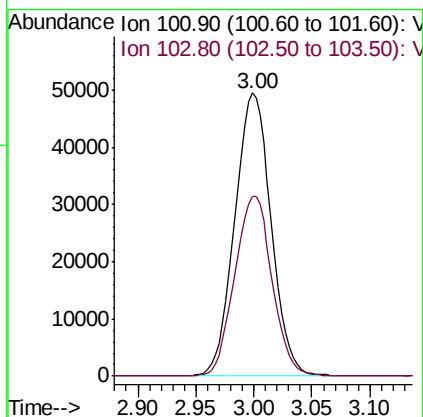
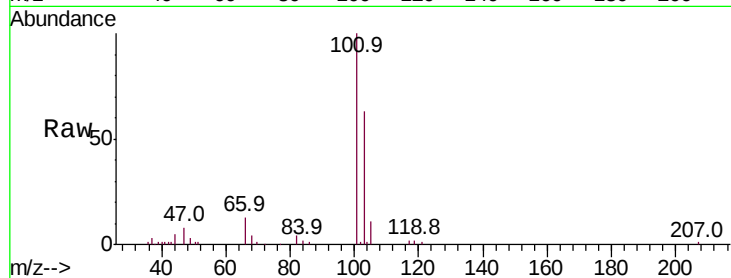


#7

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

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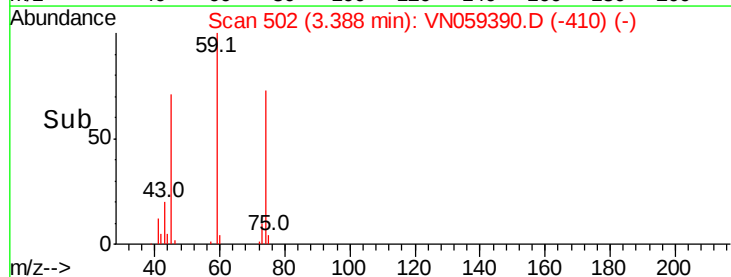
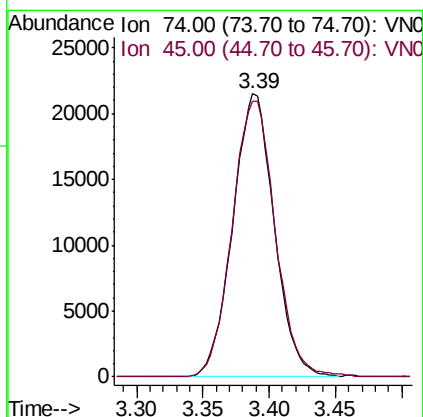
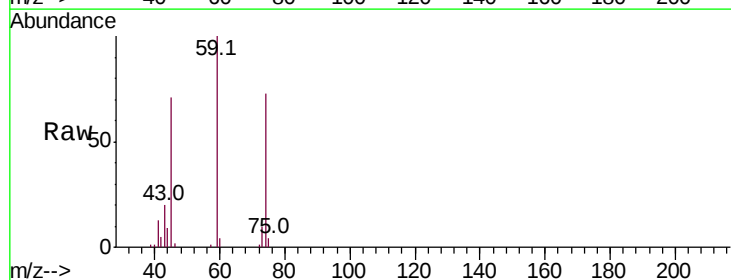
Tot Ion:101 Resp: 107739
Ion Ratio Lower Upper
101 100
103 63.4 52.5 78.7

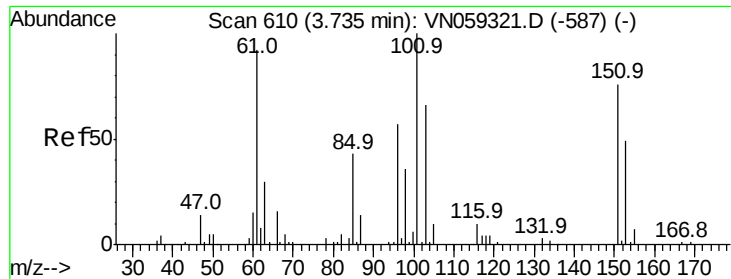


#8

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

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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.303 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD02

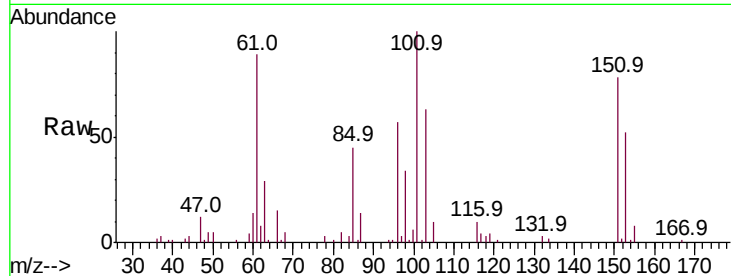
Tot Ion:101 Resp: 69658

Ion Ratio Lower Upper

101 100

85 43.7 34.8 52.2

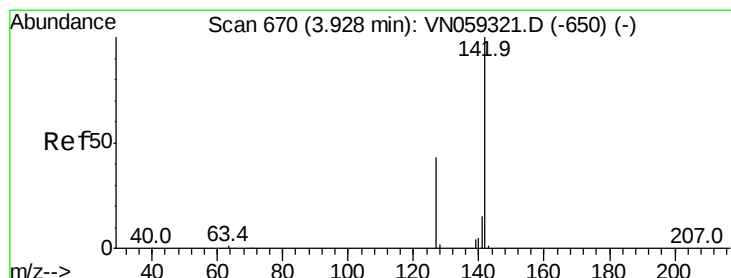
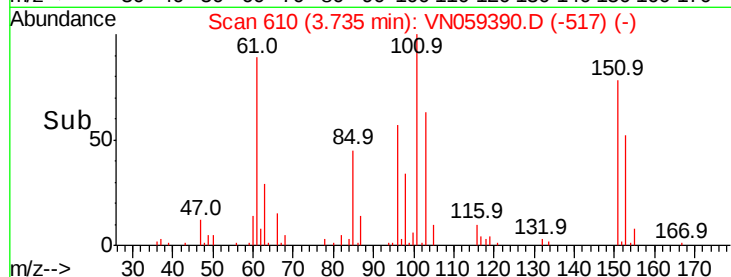
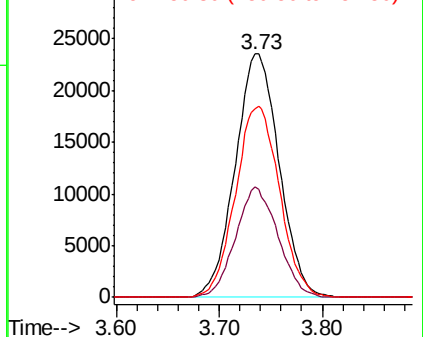
151 78.8 62.2 93.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.961 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

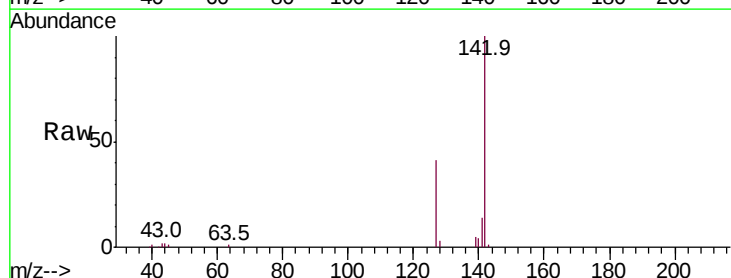
Tgt Ion:142 Resp: 89686

Ion Ratio Lower Upper

142 100

127 41.1 33.8 50.6

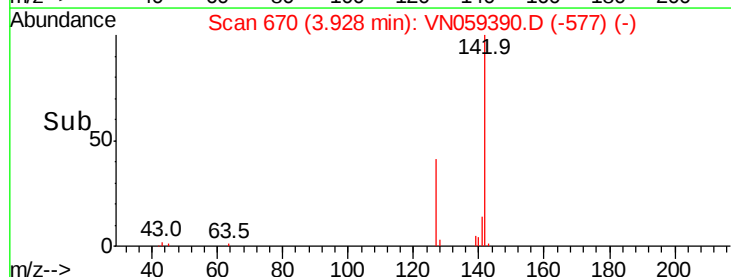
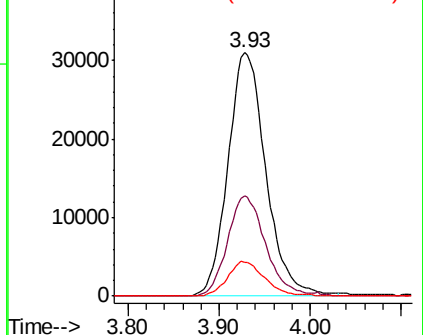
141 13.8 11.2 16.8

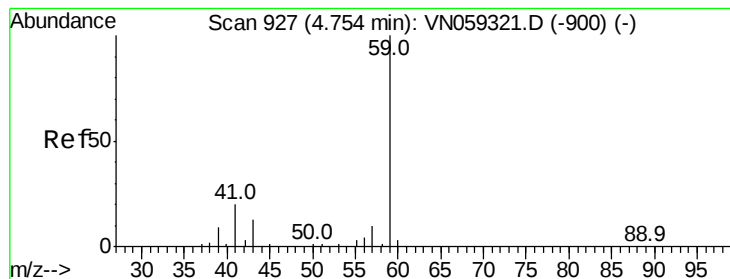


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



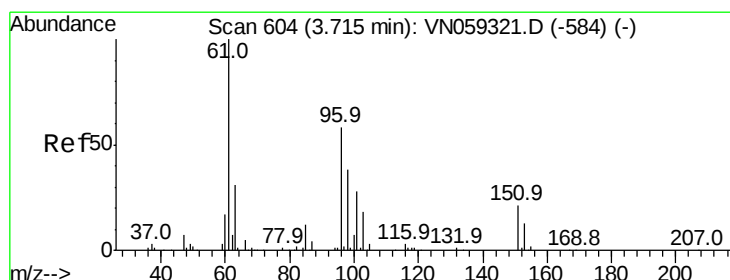
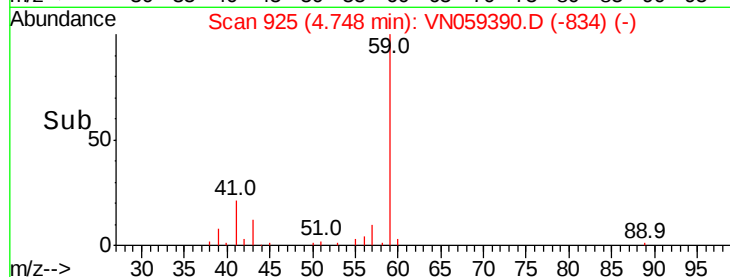
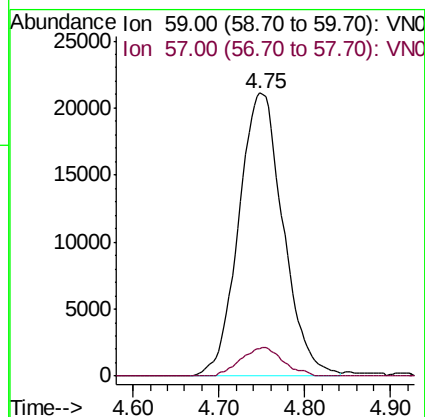
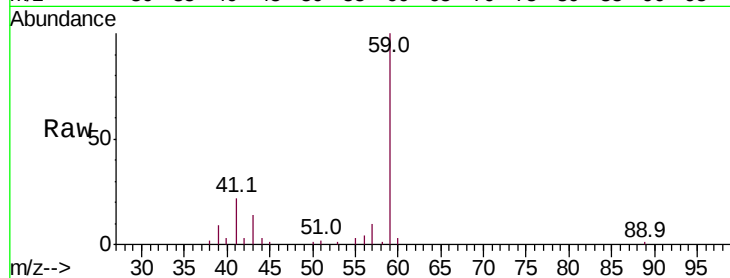


#11

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

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD02

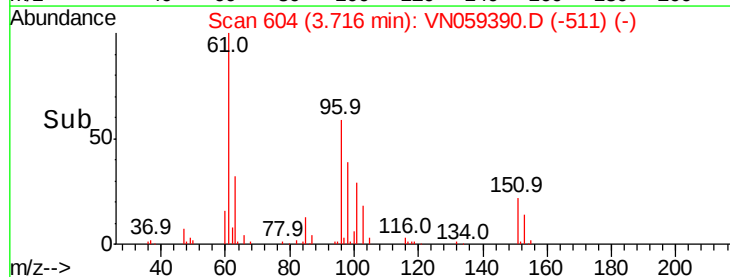
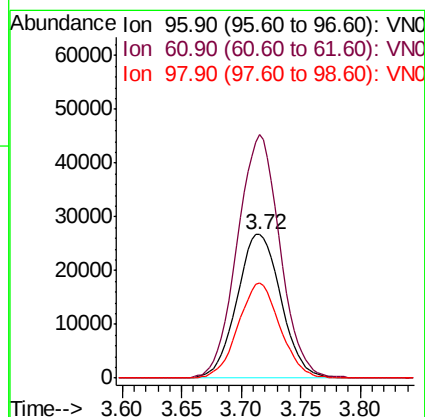
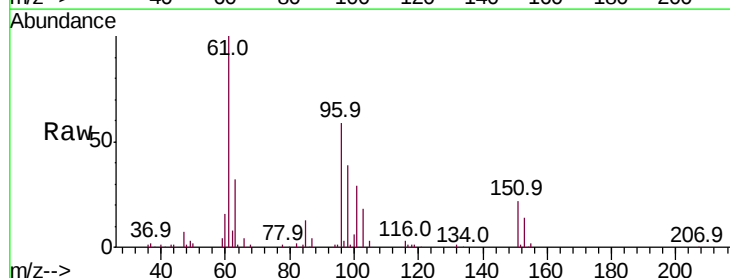
Tot Ion: 59 Resp: 75937
 Ion Ratio Lower Upper
 59 100
 57 9.6 8.2 12.2

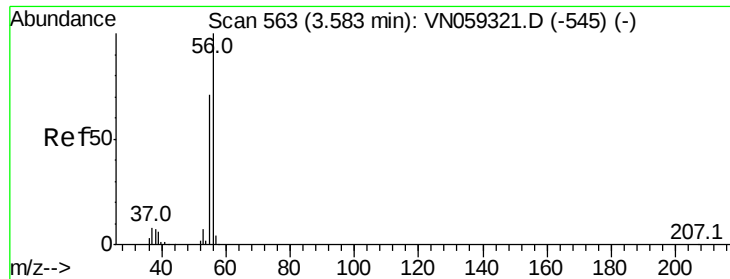


#12

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

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





#13

Acrolein

Concen: 60.672 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

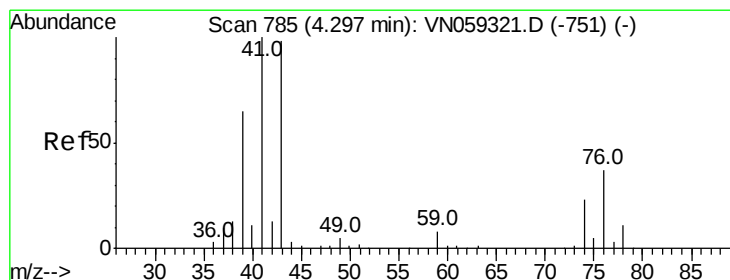
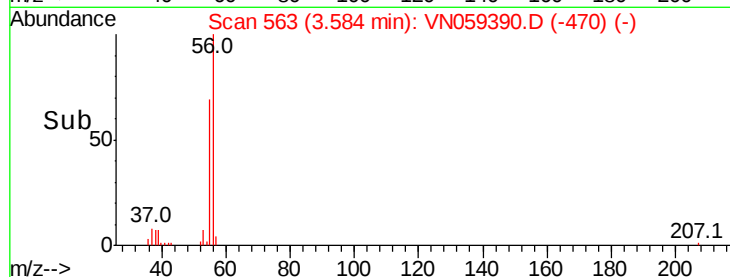
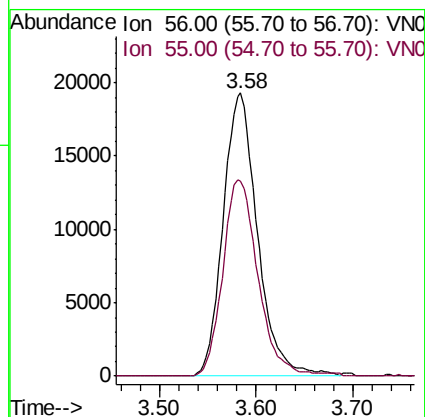
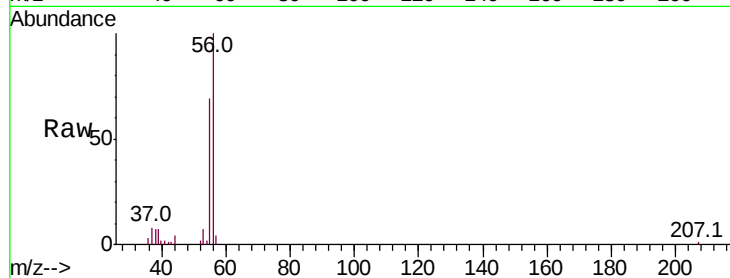
VN1125WBSD02

Tot Ion: 56 Resp: 47623

Ion Ratio Lower Upper

56 100

55 70.7 57.4 86.0



#14

Allyl chloride

Concen: 17.877 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

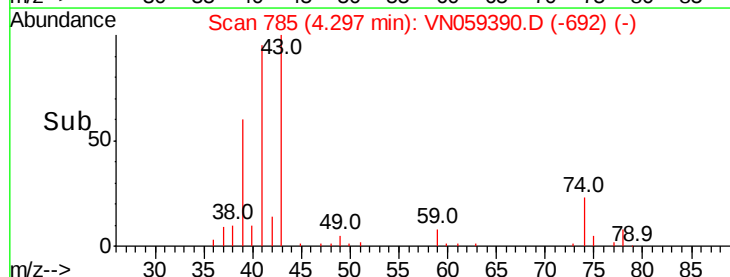
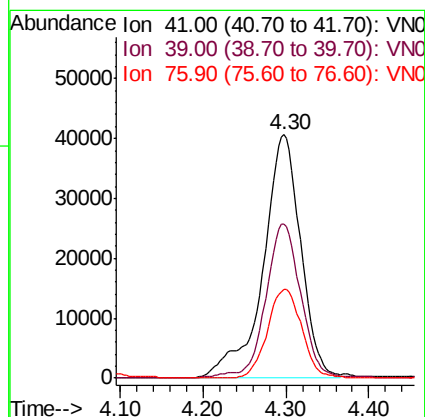
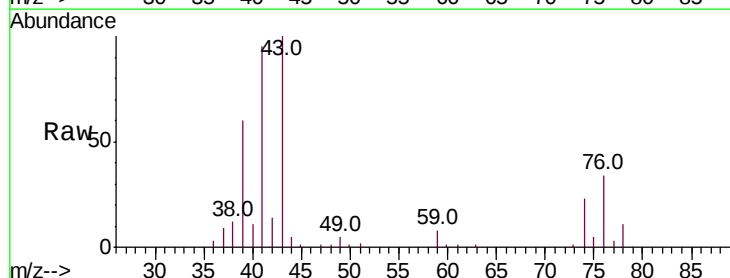
Tgt Ion: 41 Resp: 129015

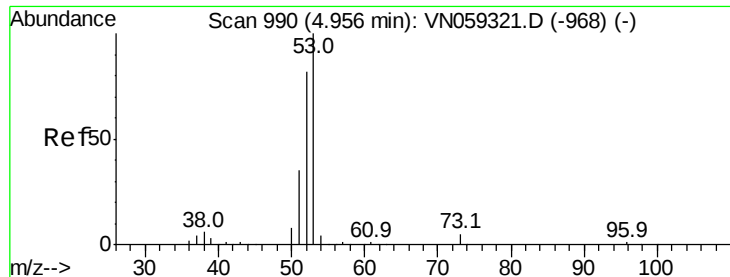
Ion Ratio Lower Upper

41 100

39 59.3 48.4 72.6

76 33.2 26.2 39.4





#15

Acrylonitrile

Concen: 91.890 ug/l

RT: 4.95 min Scan# 989

Delta R.T. -0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD02

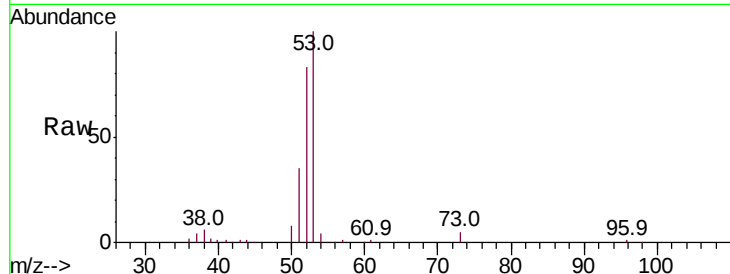
Tot Ion: 53 Resp: 208911

Ion Ratio Lower Upper

53 100

52 82.4 65.8 98.8

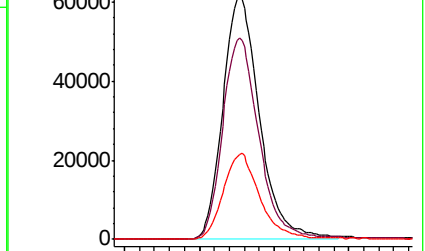
51 35.4 28.2 42.2



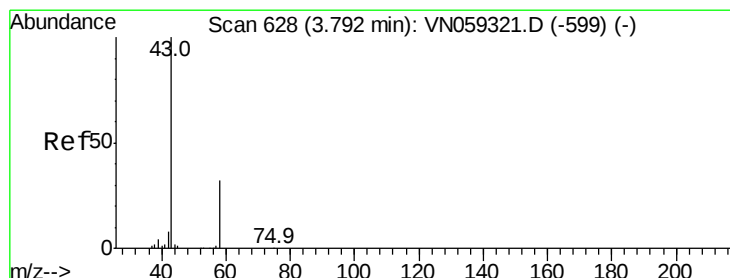
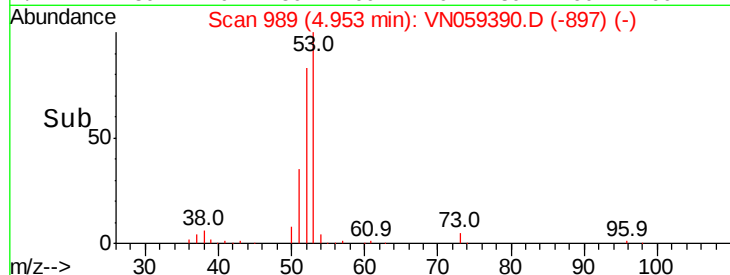
Abundance Ion 53.00 (52.70 to 53.70): VN059390.D (-897) (-)

Ion 52.00 (51.70 to 52.70): VN059390.D (-897) (-)

Ion 51.00 (50.70 to 51.70): VN059390.D (-897) (-)



Time-->



#16

Acetone

Concen: 109.307 ug/l

RT: 3.79 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN059390.D

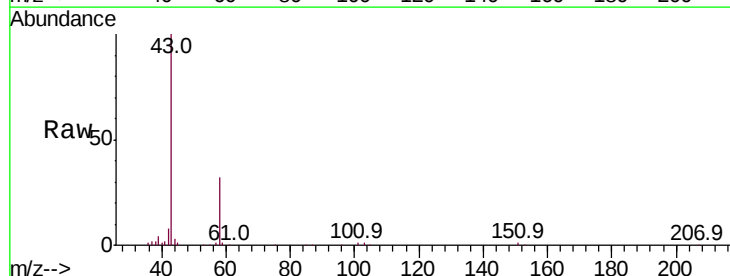
Acq: 25 Nov 2019 18:00

Tgt Ion: 43 Resp: 210489

Ion Ratio Lower Upper

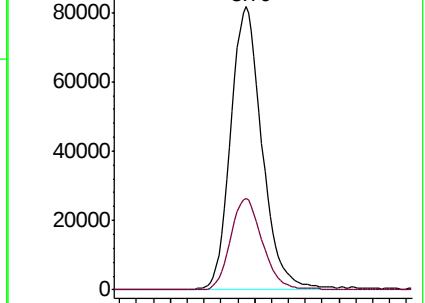
43 100

58 32.5 25.8 38.6

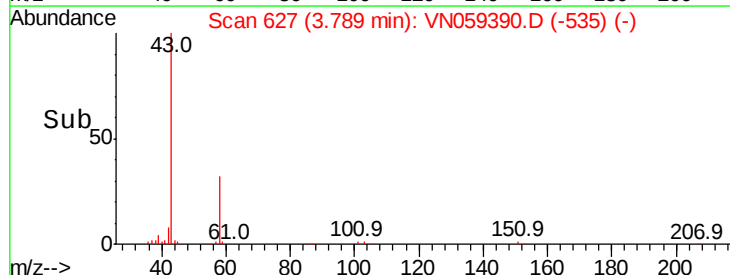


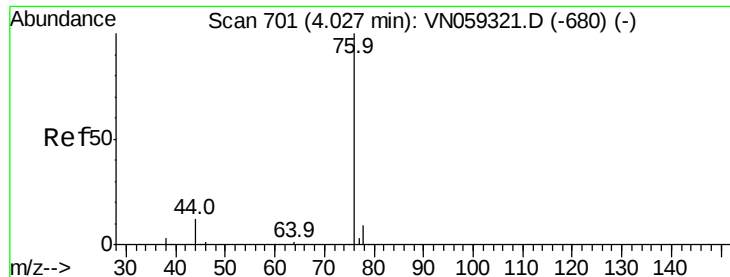
Abundance Ion 43.00 (42.70 to 43.70): VN059390.D (-535) (-)

Ion 58.00 (57.70 to 58.70): VN059390.D (-535) (-)



Time-->

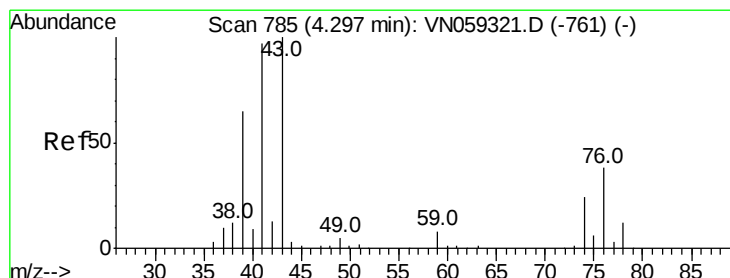
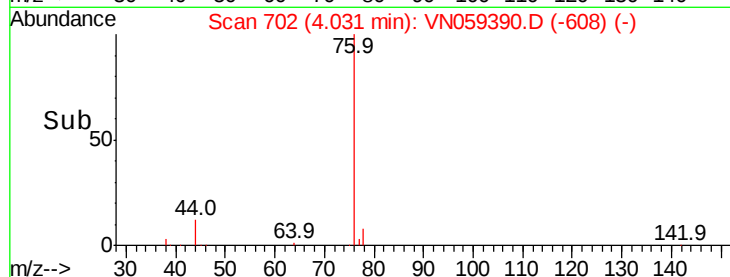
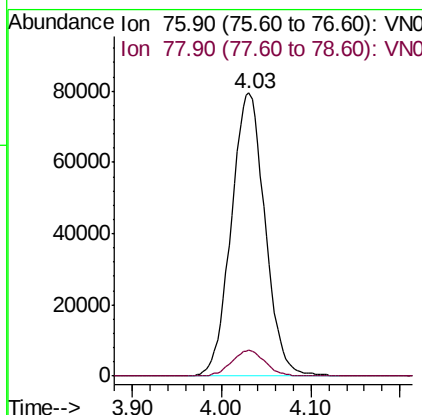
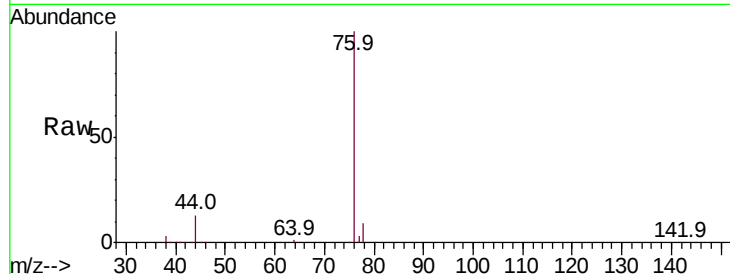




#17
Carbon Disulfide
Concen: 17.316 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

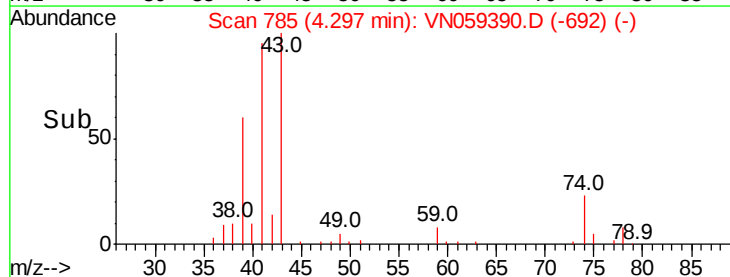
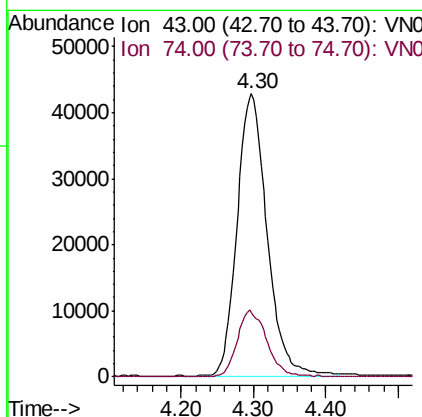
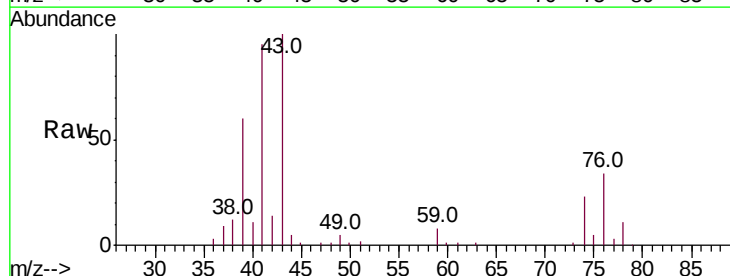
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD02

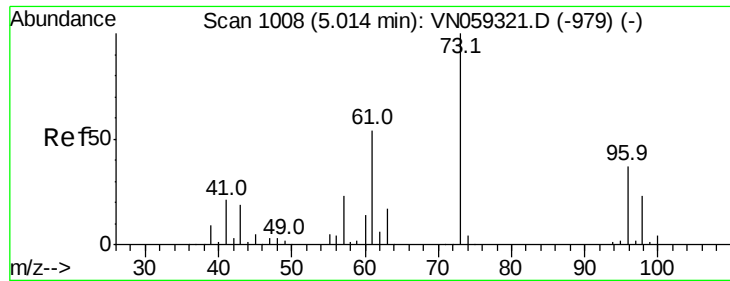
Tot Ion: 76 Resp: 208537
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



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

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

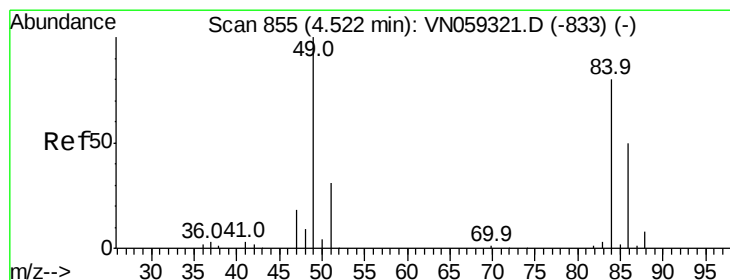
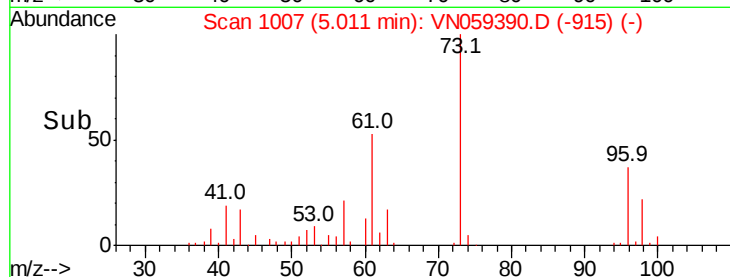
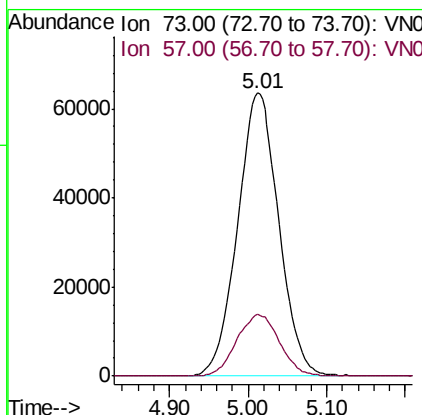
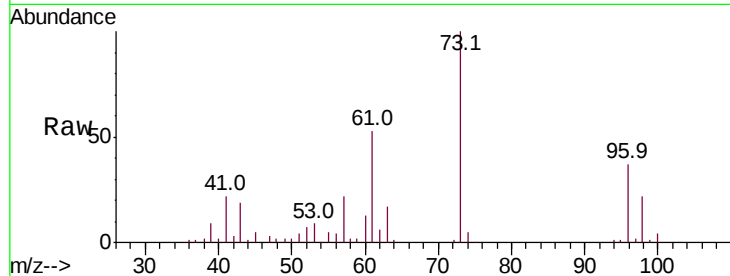




#19
Methvl tert-butvl Ether
Concen: 18.698 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

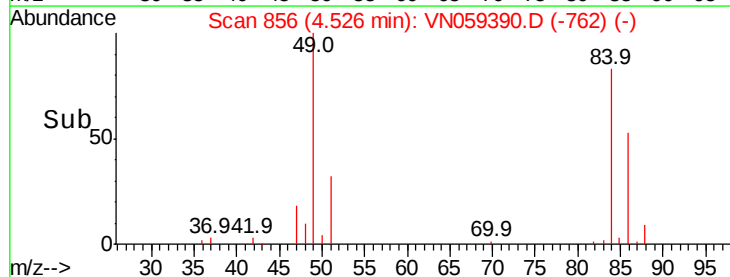
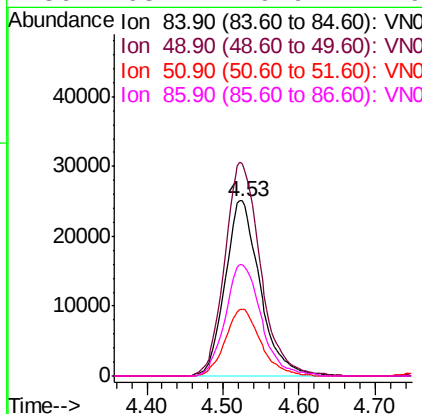
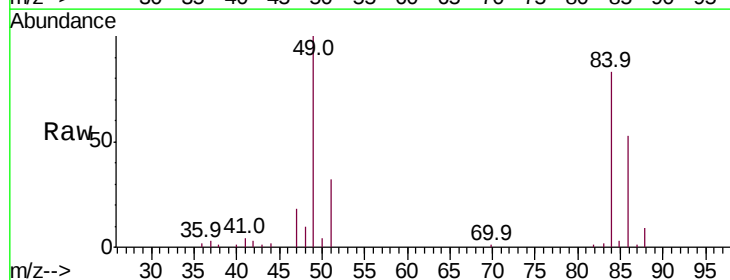
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD02

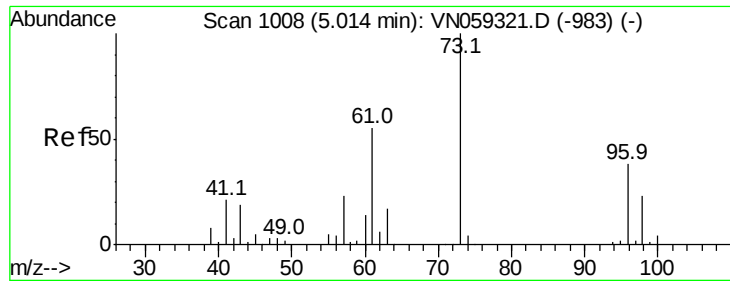
Tot Ion: 73 Resp: 233309
Ion Ratio Lower Upper
73 100
57 21.9 18.4 27.6



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

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





#21

trans-1,2-Dichloroethene

Concen: 17.881 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD02

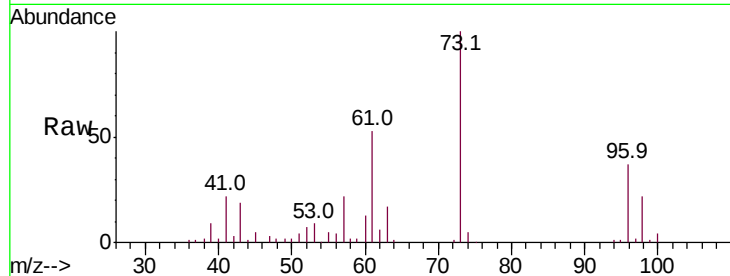
Tot Ion: 96 Resp: 73211

Ion Ratio Lower Upper

96 100

61 143.9 116.4 174.6

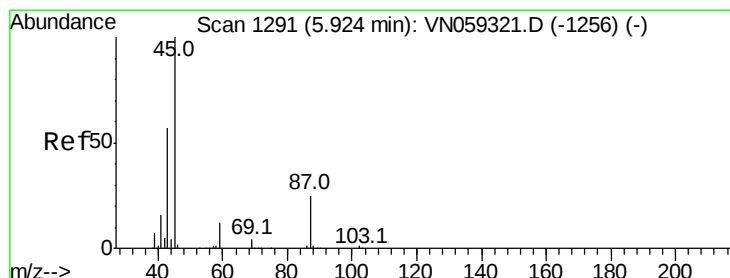
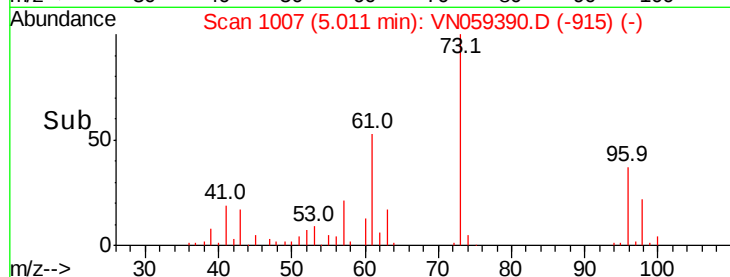
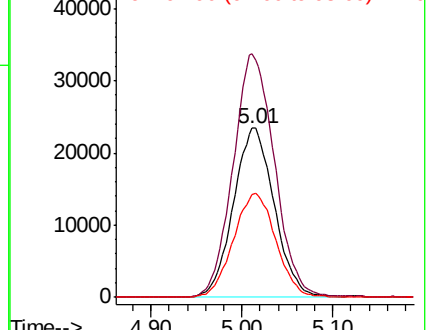
98 60.9 49.6 74.4



Abundance Ion 95.90 (95.60 to 96.60): VN059321.D (-983) (-)

Ion 60.90 (60.60 to 61.60): VN059321.D (-983) (-)

Ion 97.90 (97.60 to 98.60): VN059321.D (-983) (-)



#22

Diisopropyl ether

Concen: 18.515 ug/l

RT: 5.92 min Scan# 1291

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Tgt Ion: 45 Resp: 251585

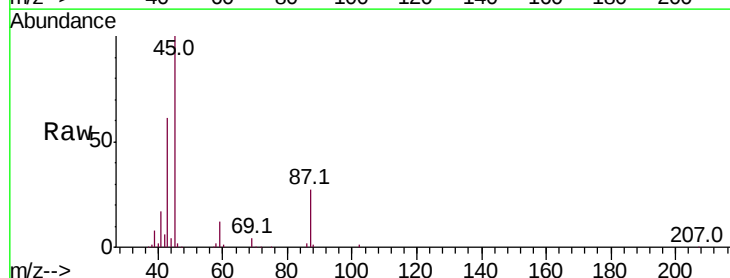
Ion Ratio Lower Upper

45 100

43 58.9 47.6 71.4

87 26.8 20.7 31.1

59 12.2 9.4 14.2

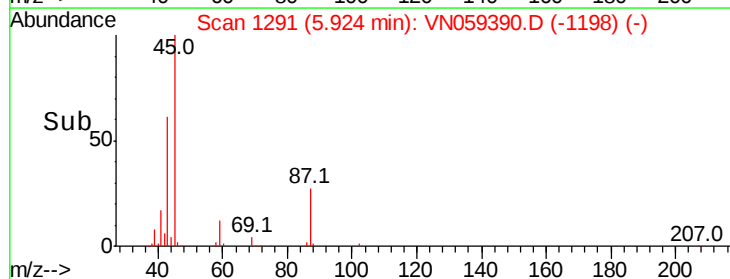
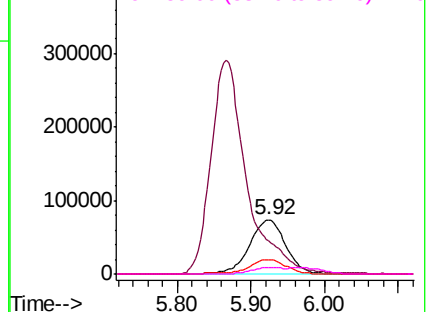


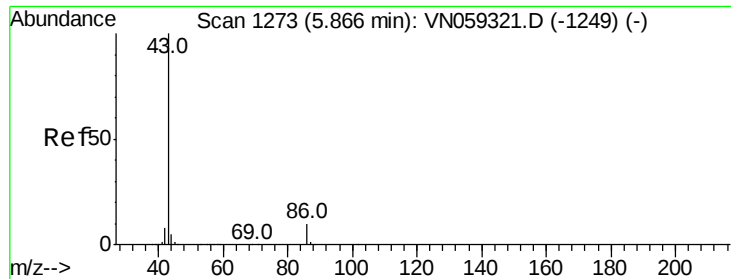
Abundance Ion 45.00 (44.70 to 45.70): VN059321.D (-1256) (-)

Ion 43.00 (42.70 to 43.70): VN059321.D (-1256) (-)

Ion 87.00 (86.70 to 87.70): VN059321.D (-1256) (-)

Ion 59.00 (58.70 to 59.70): VN059321.D (-1256) (-)





#23

Vinyl Acetate

Concen: 91.954 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

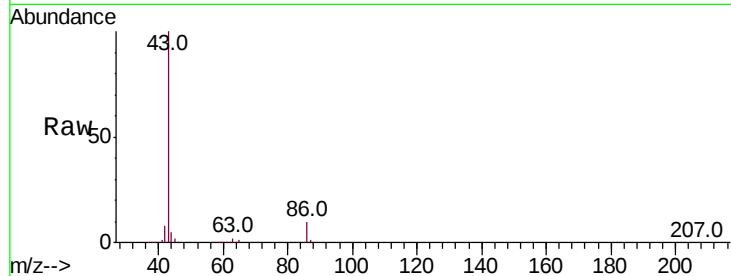
VN1125WBSD02

Tot Ion: 43 Resp: 982561

Ion Ratio Lower Upper

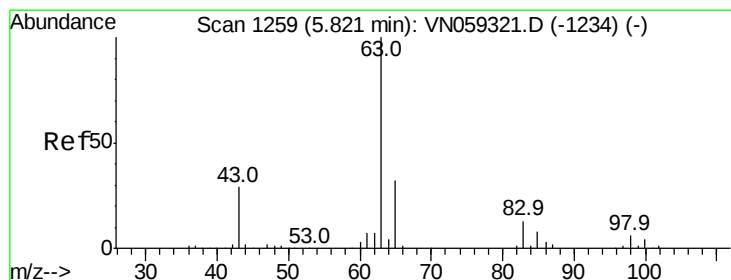
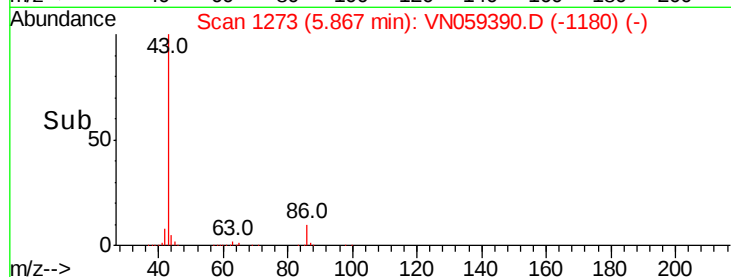
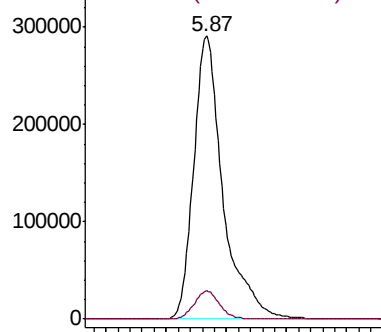
43 100

86 10.0 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 18.562 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

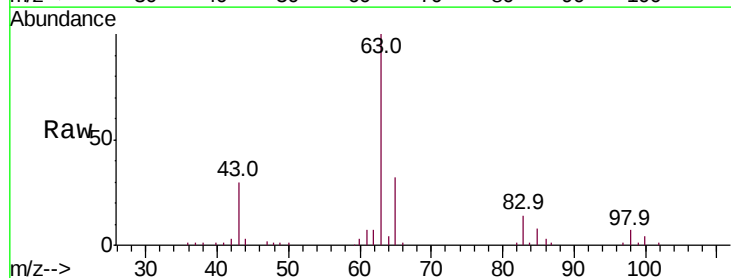
Tgt Ion: 63 Resp: 141971

Ion Ratio Lower Upper

63 100

98 6.8 2.9 8.8

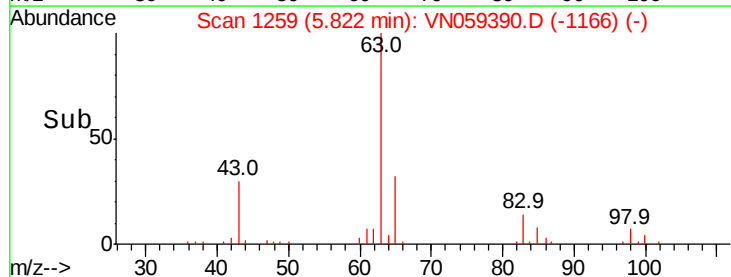
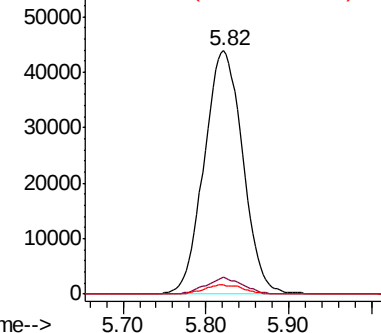
100 3.6 1.9 5.7

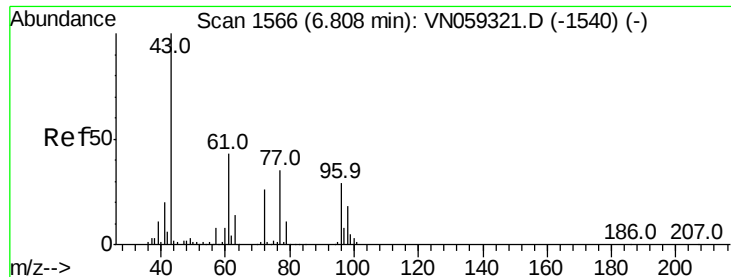


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 95.578 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

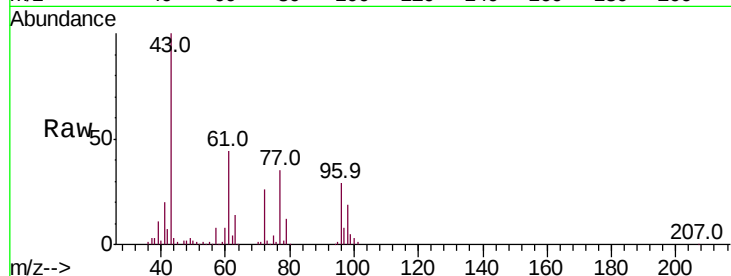
VN1125WBSD02

Tot Ion: 43 Resp: 286200

Ion Ratio Lower Upper

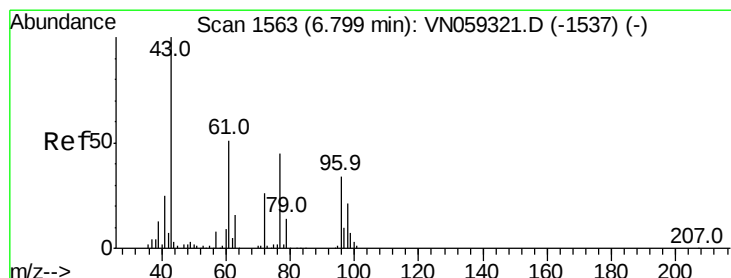
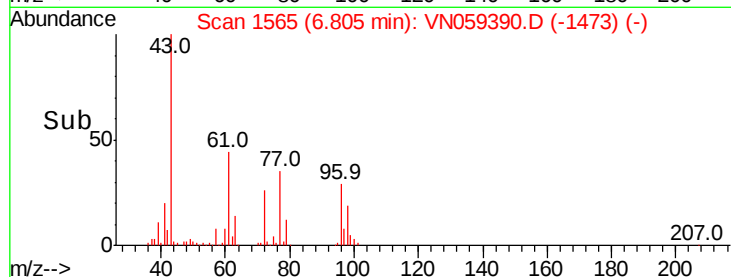
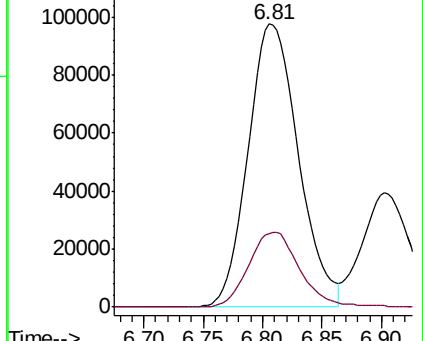
43 100

72 26.0 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 17.862 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059390.D

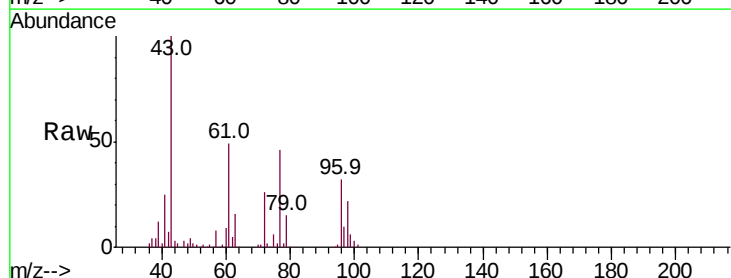
Acq: 25 Nov 2019 18:00

Tgt Ion: 77 Resp: 118291

Ion Ratio Lower Upper

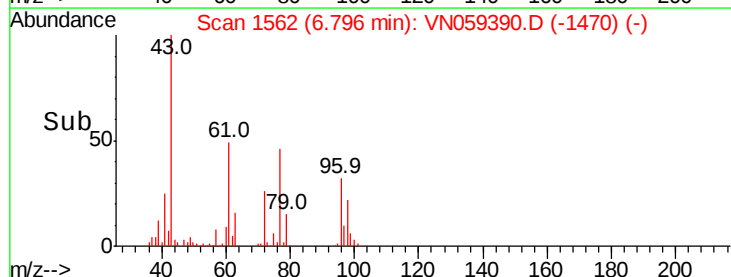
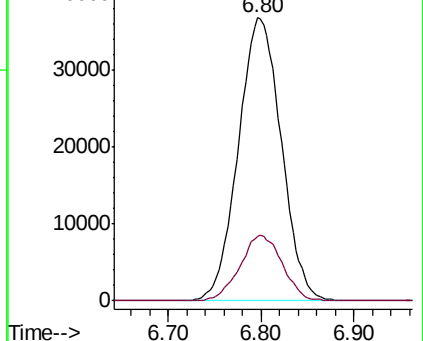
77 100

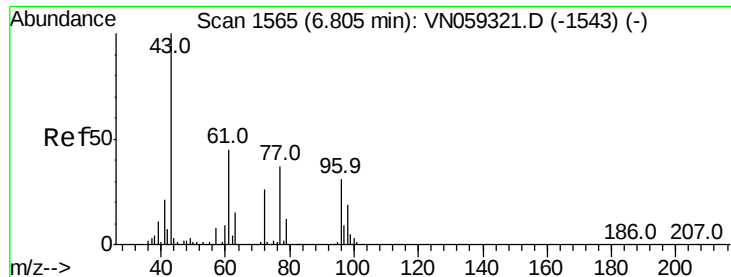
97 22.8 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 18.087 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD02

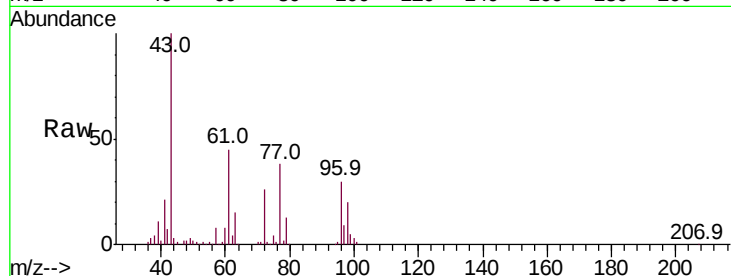
Tot Ion: 96 Resp: 83553

Ion Ratio Lower Upper

96 100

61 151.2 0.0 304.0

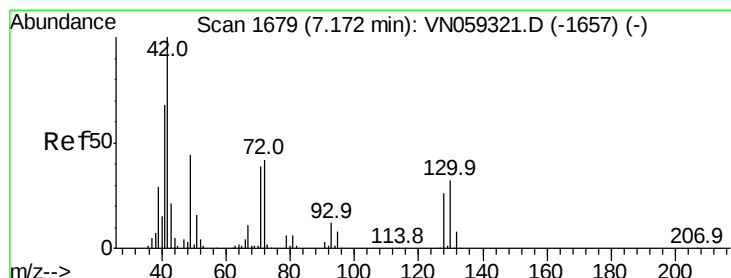
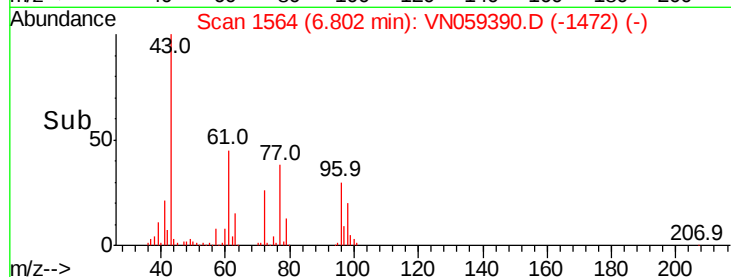
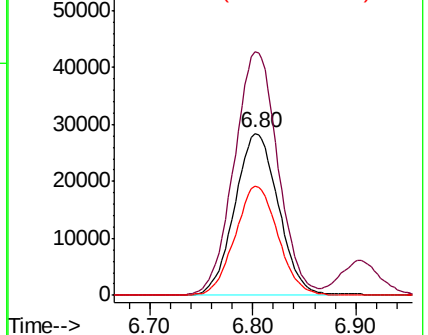
98 66.4 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN059321.D (-1543) (-)

Ion 60.90 (60.60 to 61.60): VN059321.D (-1543) (-)

Ion 97.90 (97.60 to 98.60): VN059321.D (-1543) (-)



#28

Bromochloromethane

Concen: 21.754 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

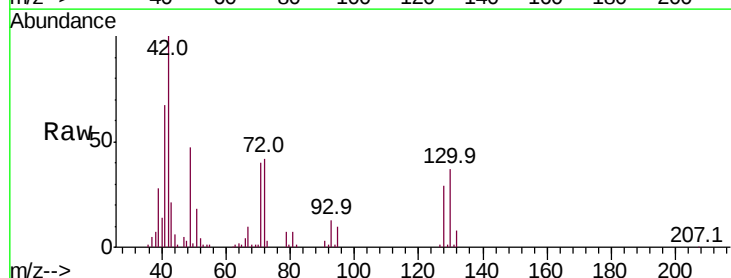
Tgt Ion: 49 Resp: 63430

Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

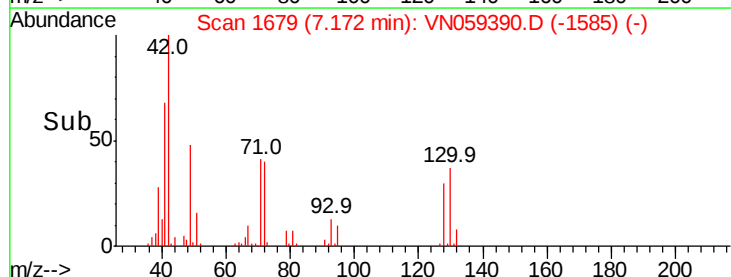
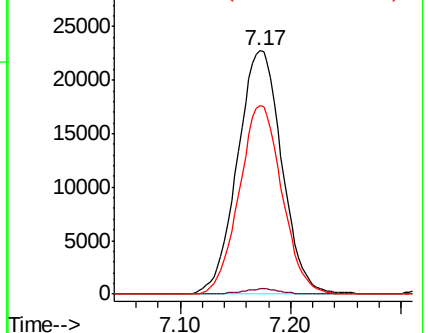
130 74.7 57.0 85.6

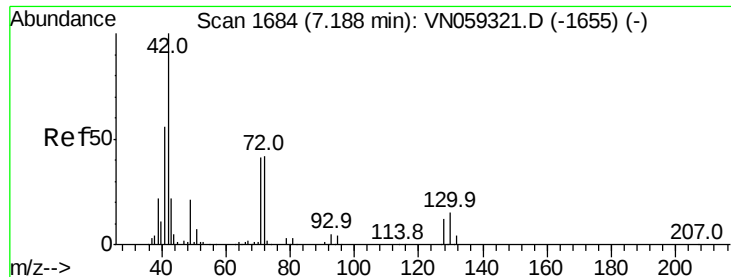


Abundance Ion 48.90 (48.60 to 49.60): VN059321.D (-1657) (-)

Ion 128.80 (128.50 to 129.50): VN059321.D (-1657) (-)

Ion 129.80 (129.50 to 130.50): VN059321.D (-1657) (-)

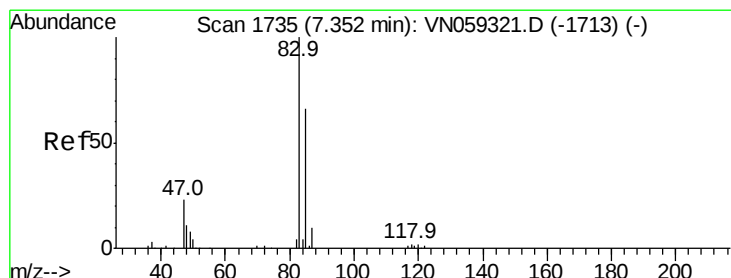
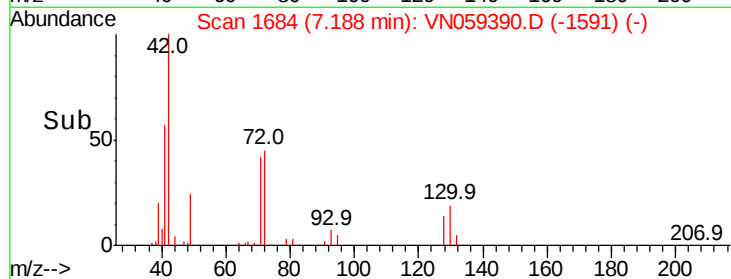
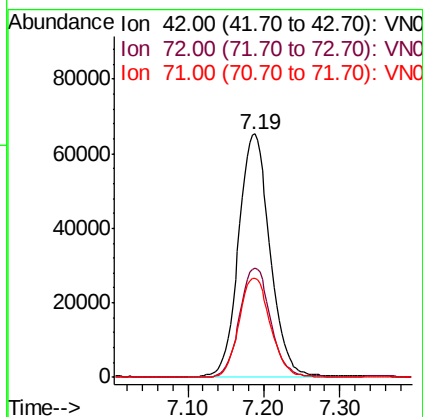
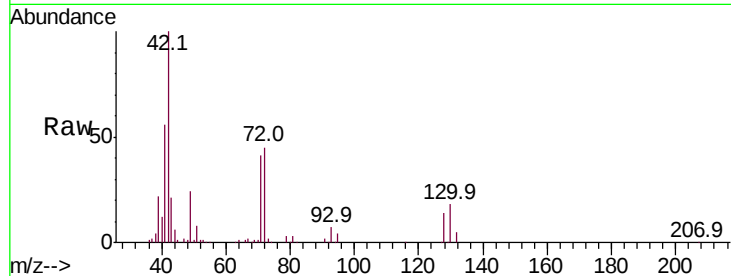




#29
Tetrahydrofuran
Concen: 91.039 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

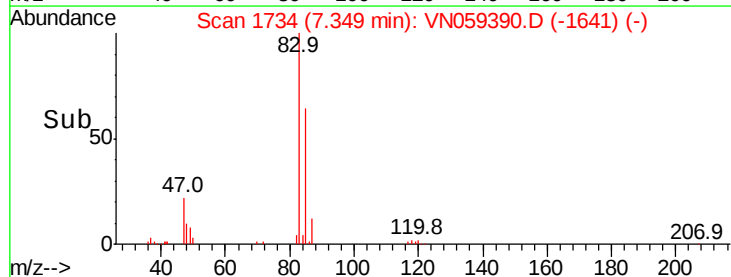
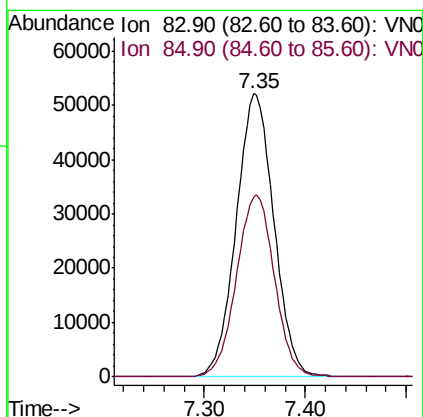
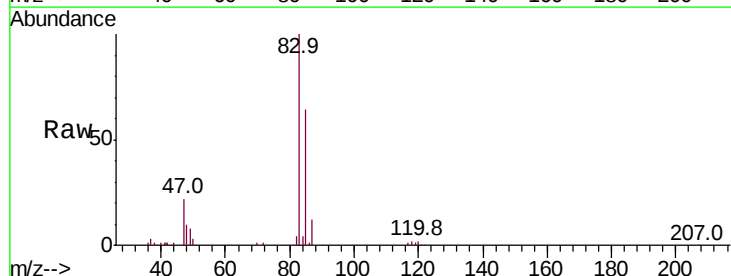
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD02

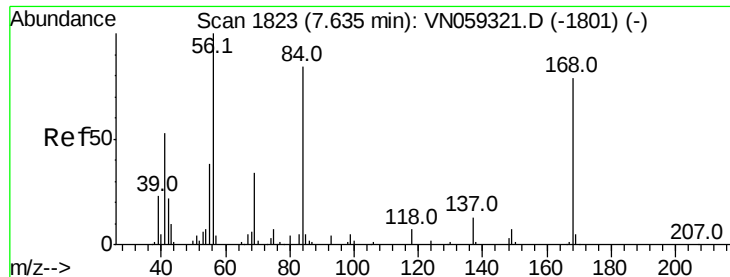
Tot Ion: 42 Resp: 188498
Ion Ratio Lower Upper
42 100
72 44.3 34.2 51.2
71 40.6 32.6 48.8



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

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

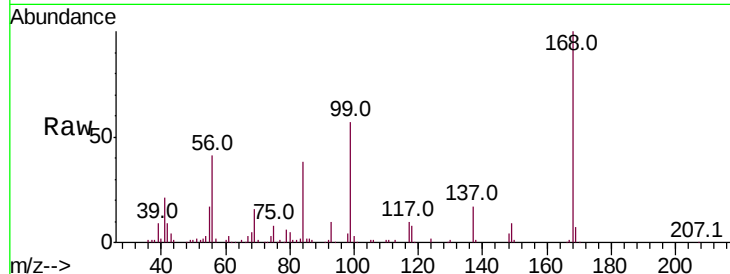




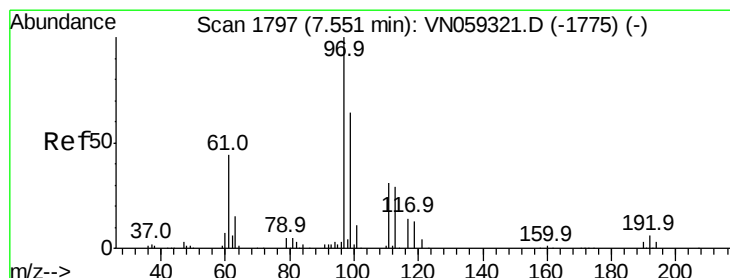
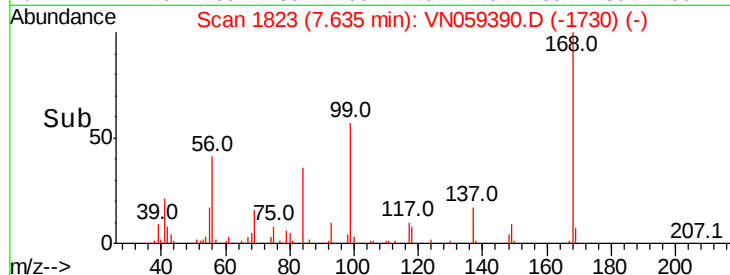
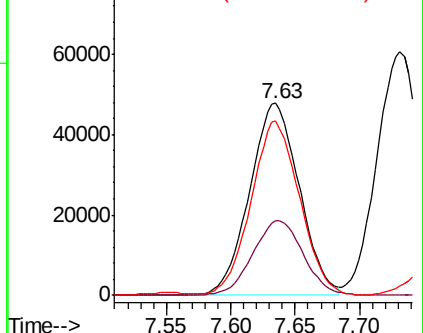
#31
Cyclohexane
Concen: 16.947 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD02

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

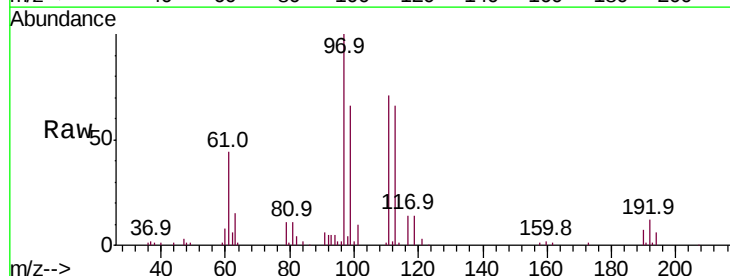


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

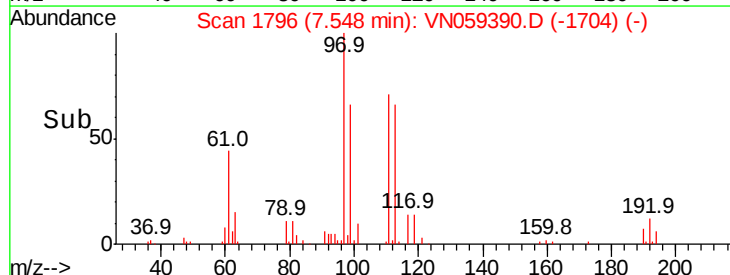
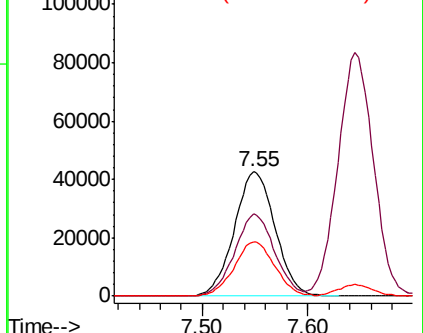


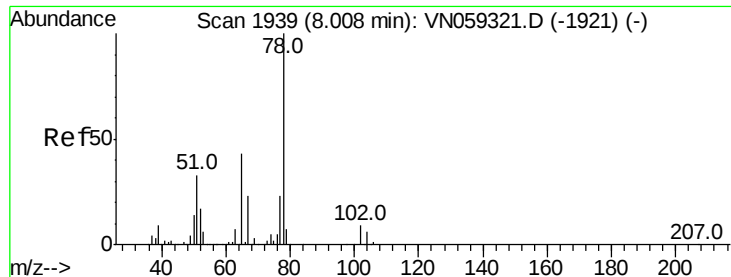
#32
1,1,1-Trichloroethane
Concen: 17.919 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

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



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





#33

1,2-Dichloroethane-d4

Concen: 49.236 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

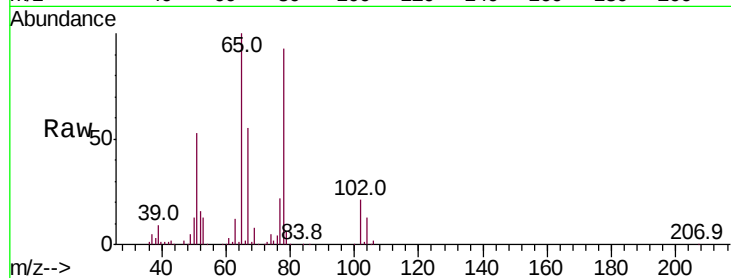
VN1125WBSD02

Tot Ion: 65 Resp: 211453

Ion Ratio Lower Upper

65 100

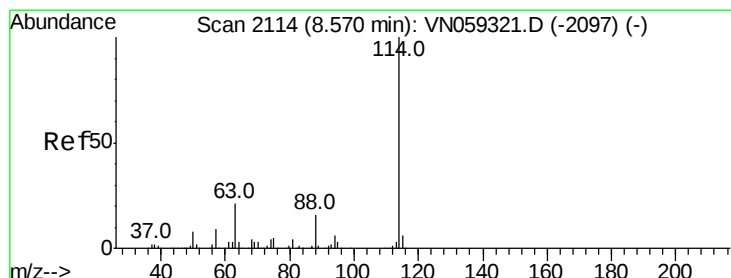
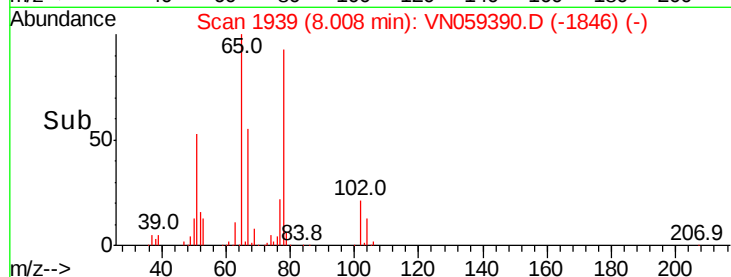
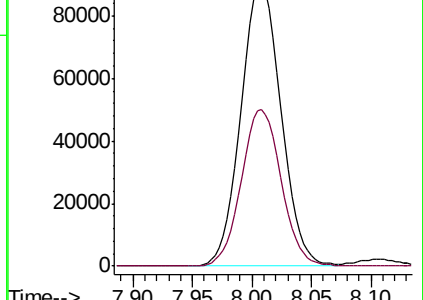
67 55.2 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VN059321.D (-1921) (-)

Ion 66.90 (66.60 to 67.60): VN059321.D (-1921) (-)

8.01



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

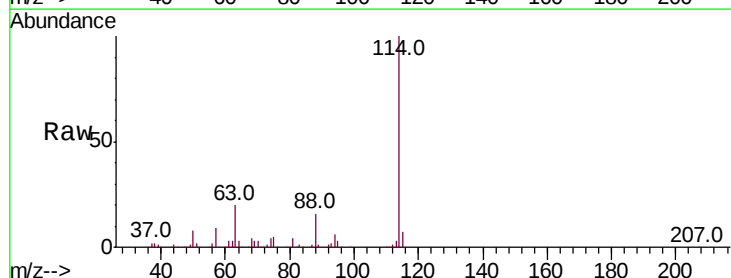
Tgt Ion: 114 Resp: 560498

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.2

88 15.6 0.0 32.2

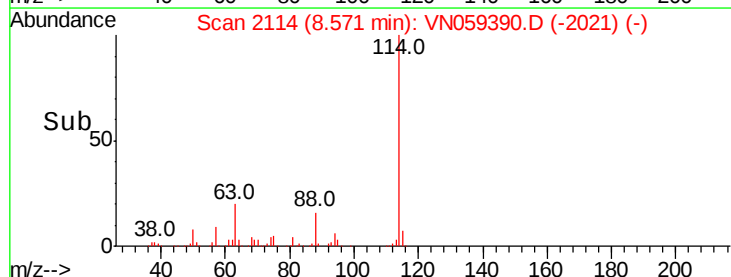
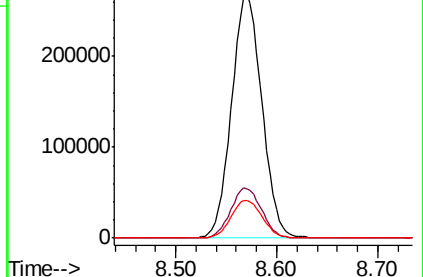


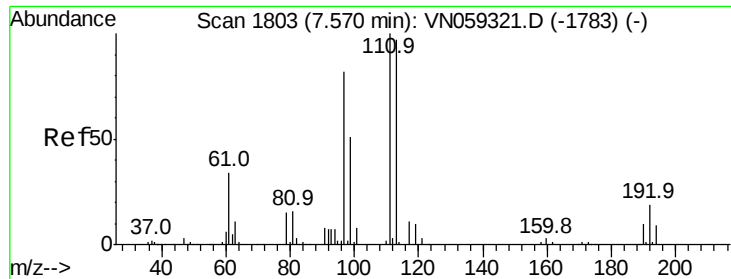
Abundance Ion 113.90 (113.60 to 114.60): VN059321.D (-2097) (-)

Ion 63.00 (62.70 to 63.70): VN059321.D (-2097) (-)

Ion 87.90 (87.60 to 88.60): VN059321.D (-2097) (-)

8.57





#35

Dibromofluoromethane

Concen: 51.026 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD02

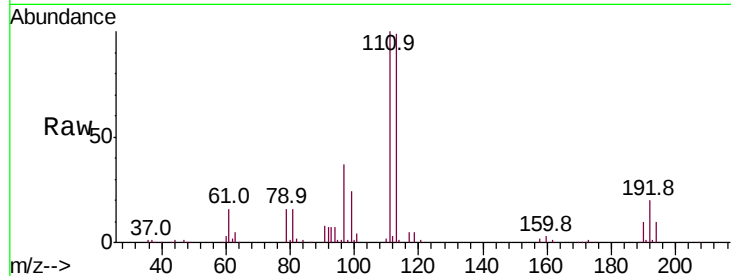
Tot Ion:113 Resp: 171582

Ion Ratio Lower Upper

113 100

111 103.4 82.7 124.1

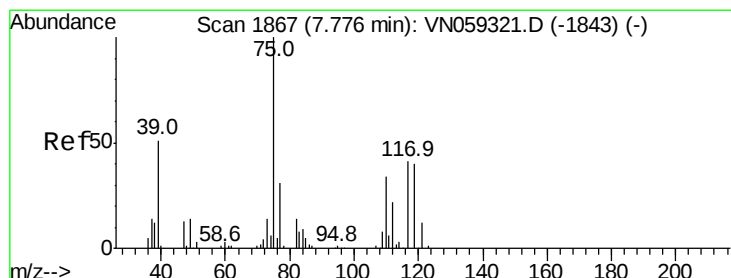
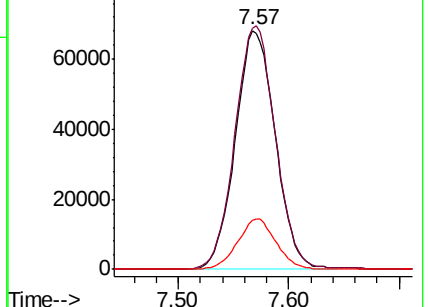
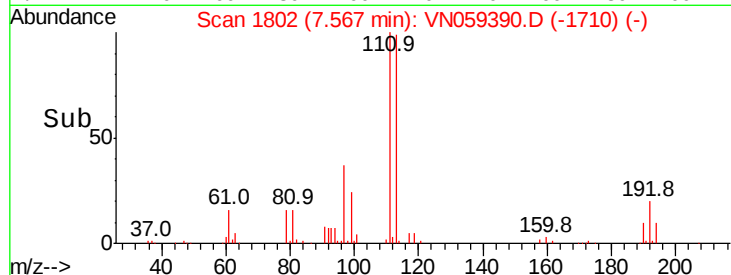
192 20.2 16.3 24.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.009 ug/l

RT: 7.77 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

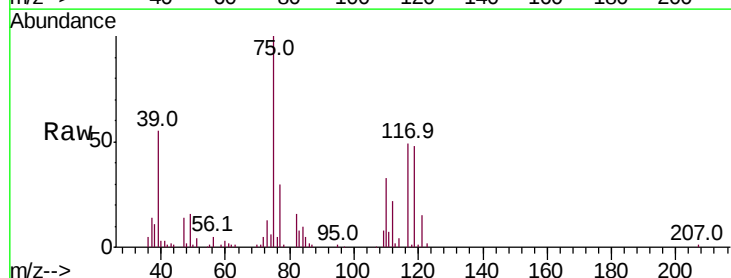
Tgt Ion: 75 Resp: 104205

Ion Ratio Lower Upper

75 100

110 33.6 17.0 51.0

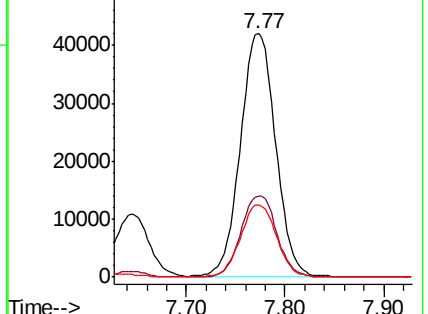
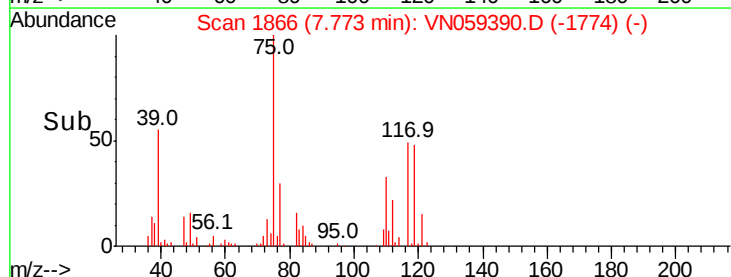
77 30.4 24.8 37.2

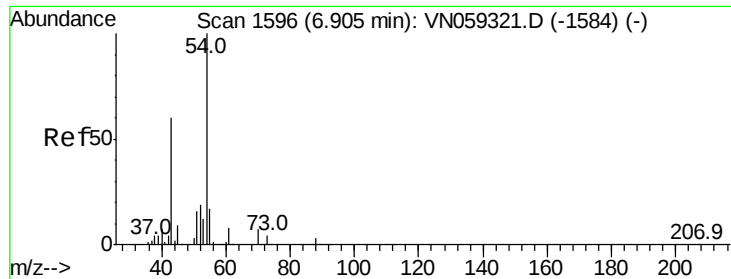


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

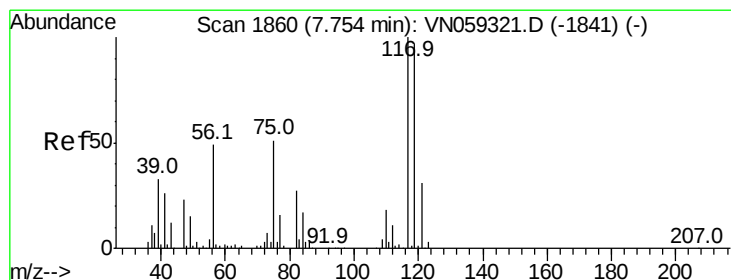
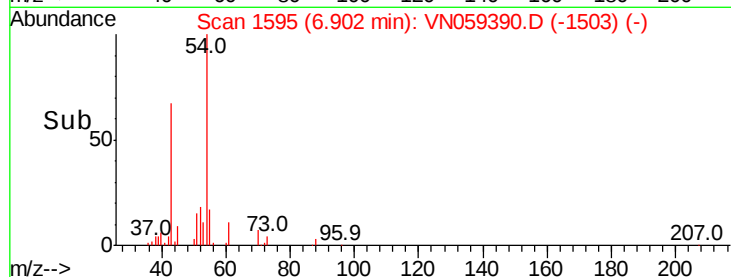
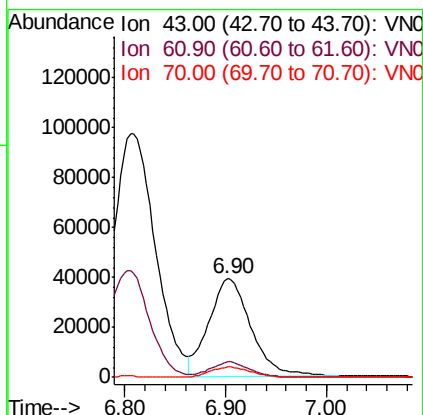
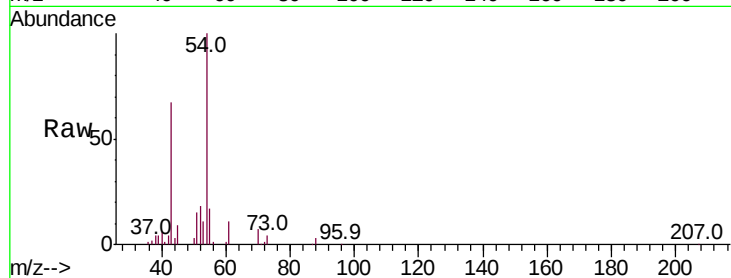




#37
Ethyl Acetate
Concen: 18.398 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

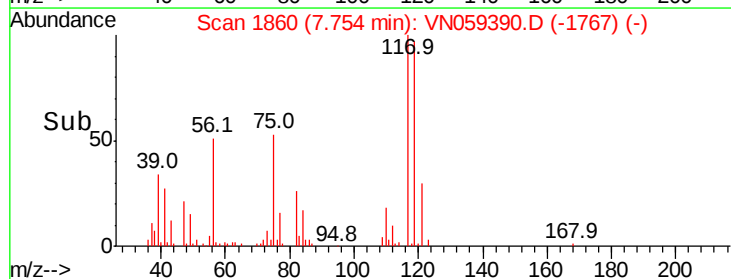
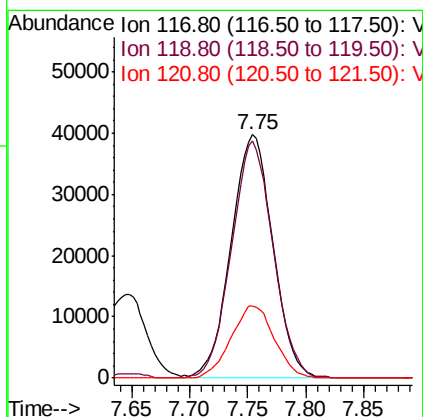
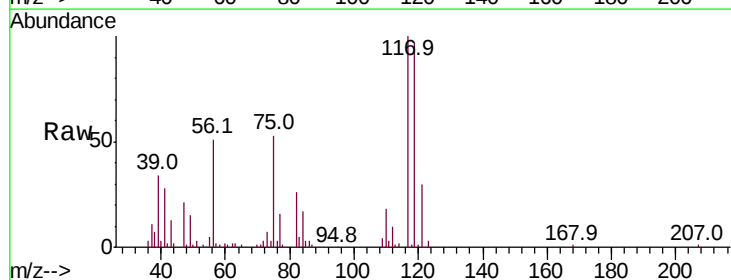
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD02

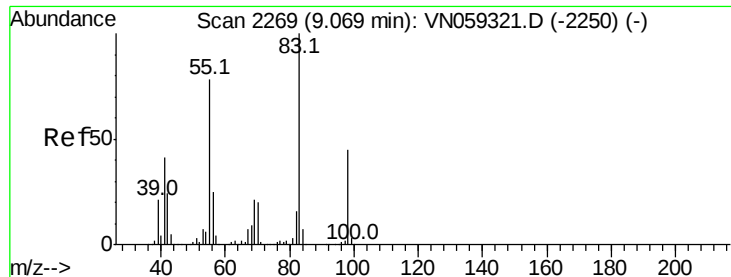
Tot Ion: 43 Resp: 114411
Ion Ratio Lower Upper
43 100
61 14.6 11.0 16.6
70 10.2 8.8 13.2



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

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

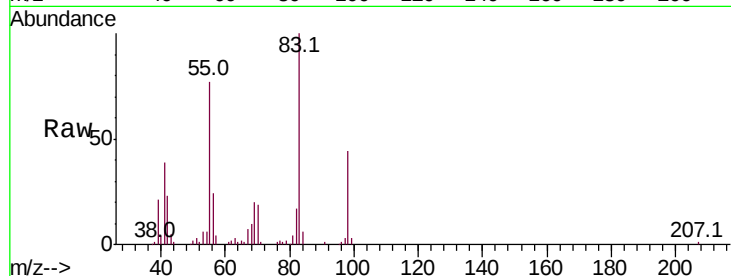




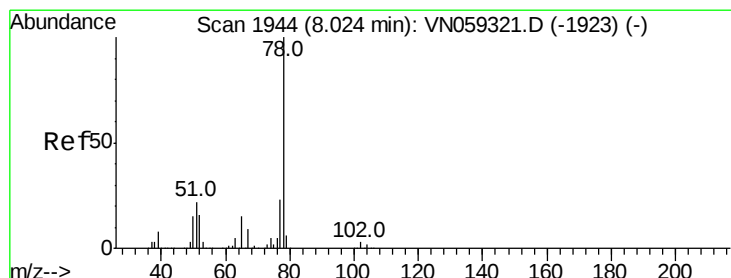
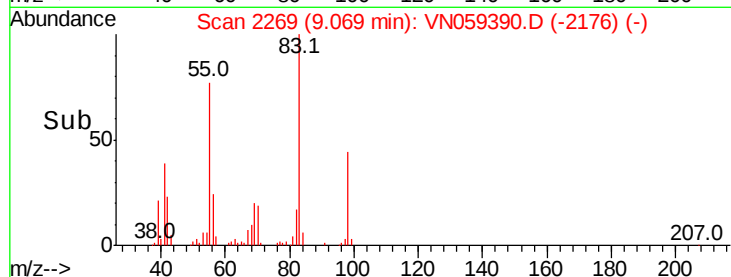
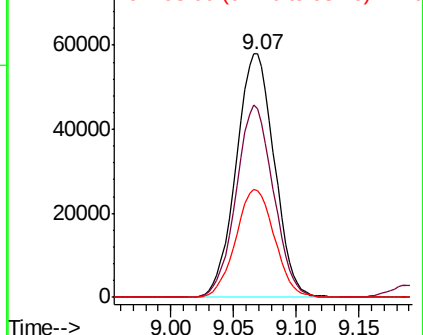
#39
Methvlcvclohexane
Concen: 17.580 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD02

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

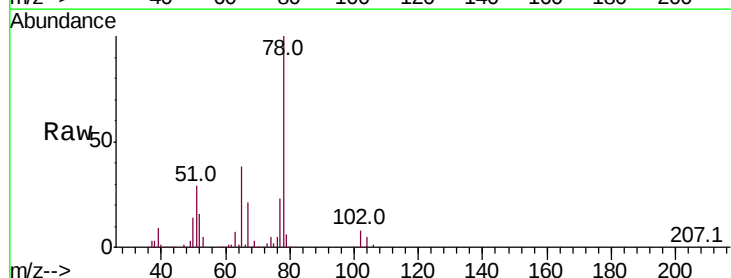


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

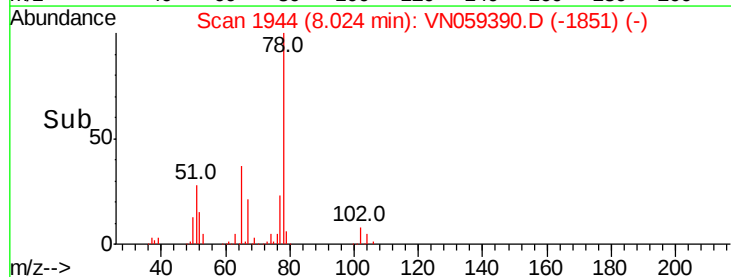
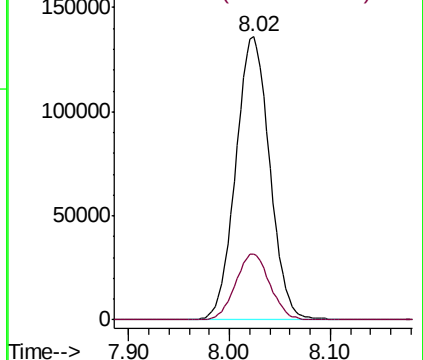


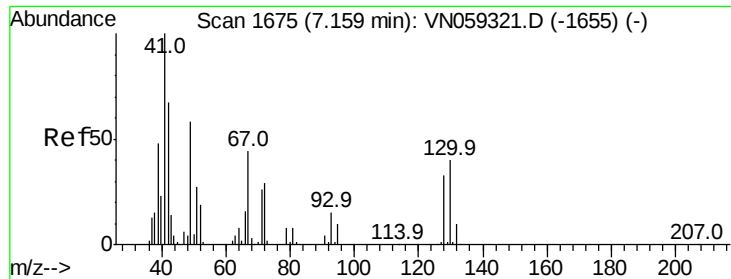
#40
Benzene
Concen: 18.681 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

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



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

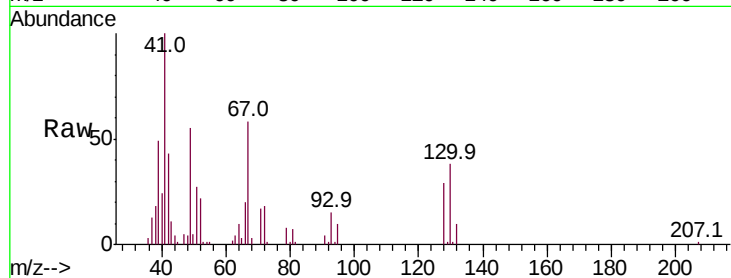




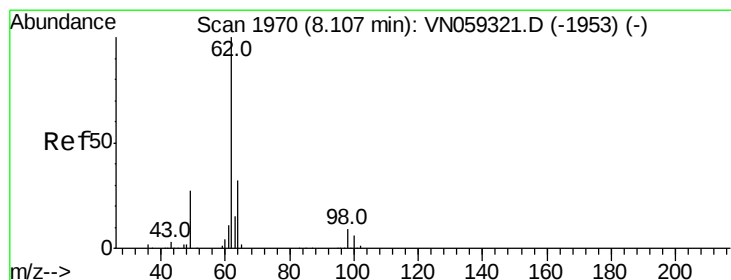
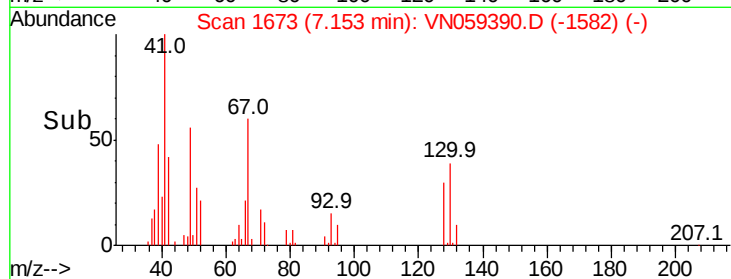
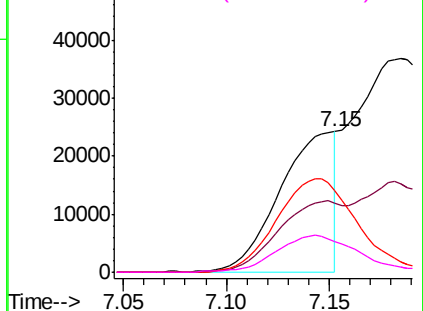
#41
Methacrylonitrile
Concen: 16.495 ug/l m
RT: 7.15 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD02

Tot Ion:	41	Resp:	45537
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

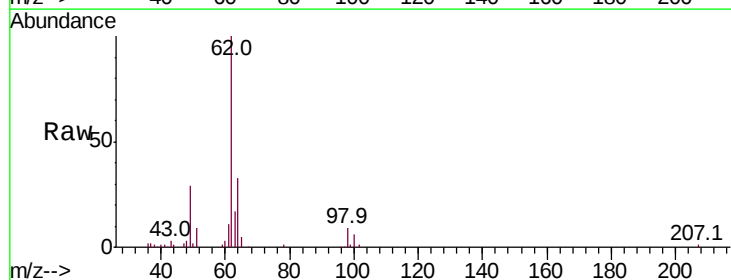


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

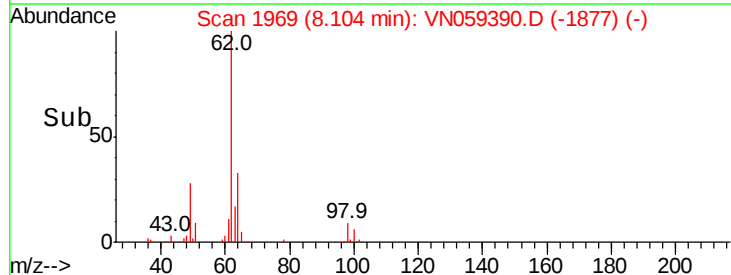
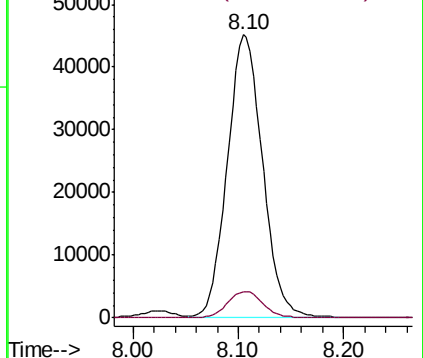


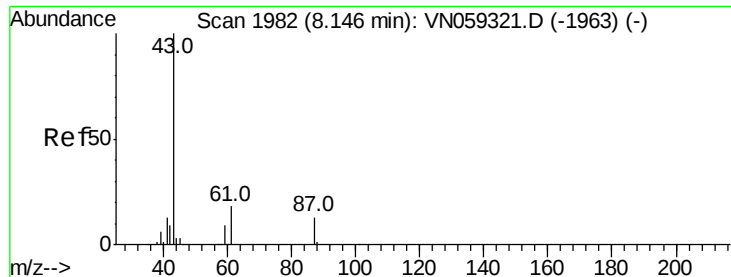
#42
1,2-Dichloroethane
Concen: 18.654 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

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



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





#43

Isopropyl Acetate

Concen: 18.267 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD02

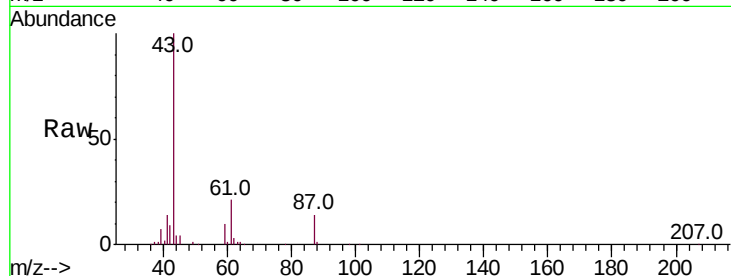
Tot Ion: 43 Resp: 173608

Ion Ratio Lower Upper

43 100

61 27.8 21.7 32.5

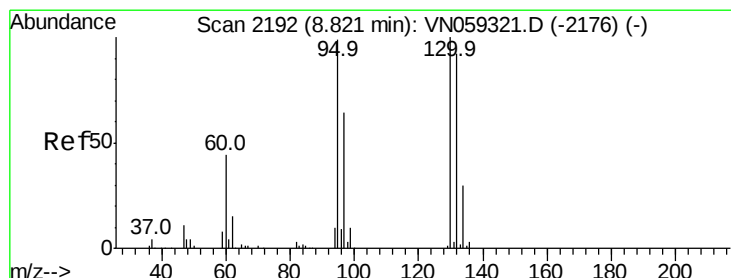
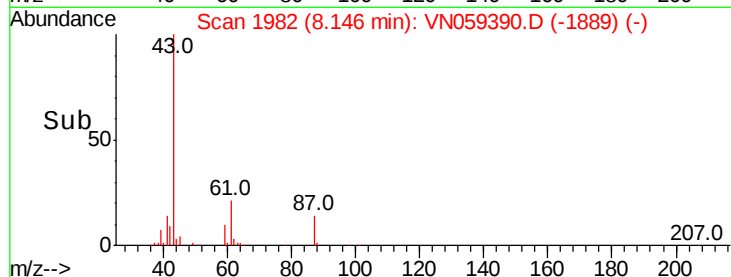
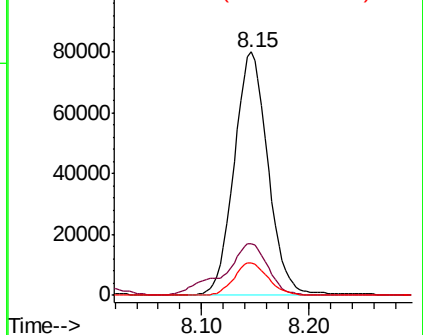
87 13.6 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VN059321.D (-1963) (-)

Ion 61.00 (60.70 to 61.70): VN059321.D (-1963) (-)

Ion 87.00 (86.70 to 87.70): VN059321.D (-1963) (-)



#44

Trichloroethene

Concen: 18.487 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VN059390.D

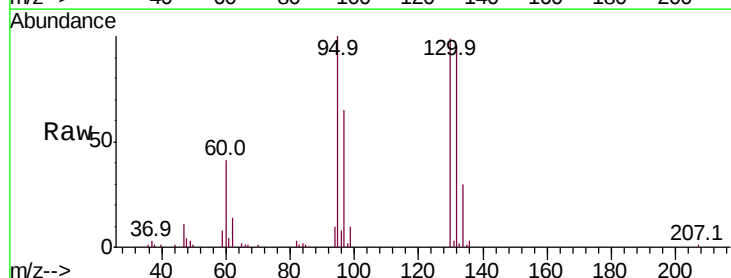
Acq: 25 Nov 2019 18:00

Tgt Ion:130 Resp: 79568

Ion Ratio Lower Upper

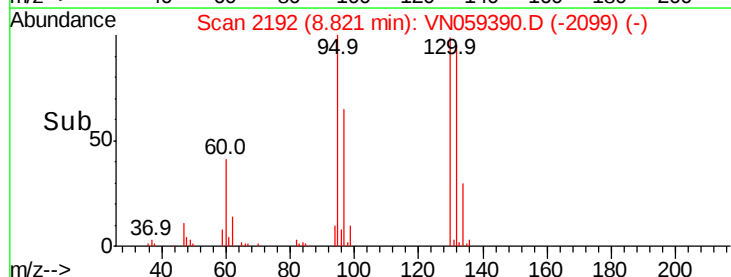
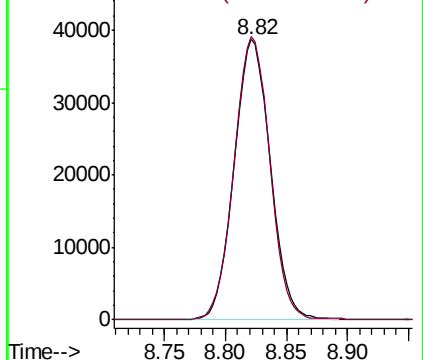
130 100

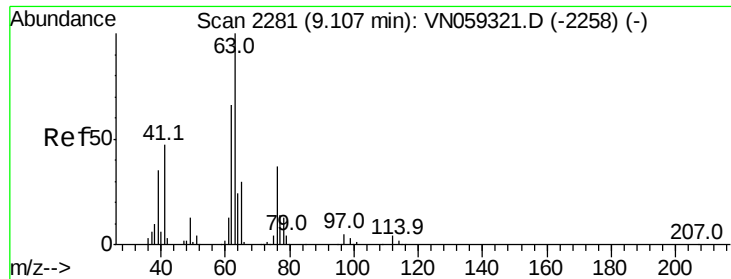
95 100.9 0.0 198.4



Abundance Ion 129.80 (129.50 to 130.50): VN059321.D (-2176) (-)

Ion 94.90 (94.60 to 95.60): VN059321.D (-2176) (-)





#45

1,2-Dichloropropane

Concen: 18.660 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. -0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

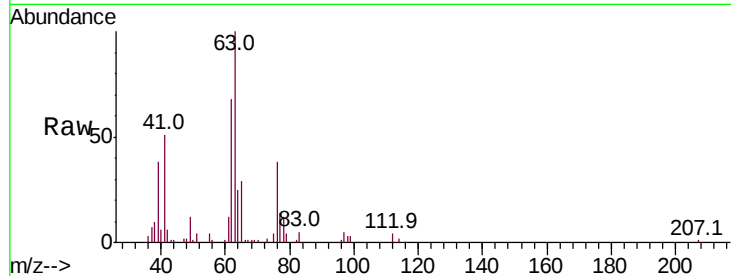
VN1125WBSD02

Tot Ion: 63 Resp: 84503

Ion Ratio Lower Upper

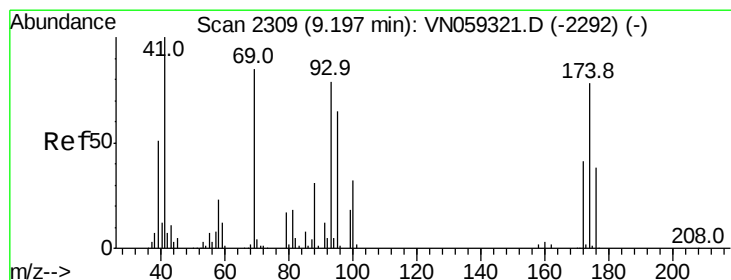
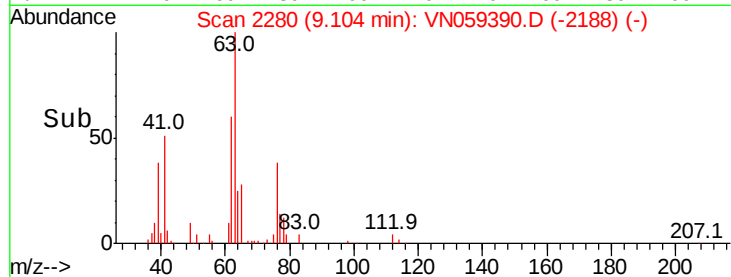
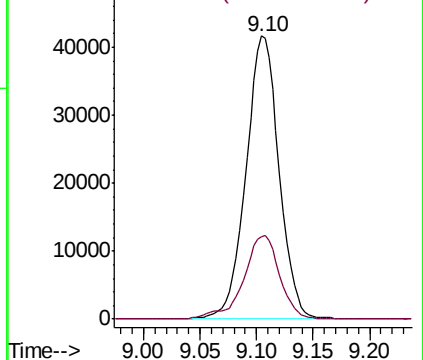
63 100

65 29.3 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 18.612 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. -0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

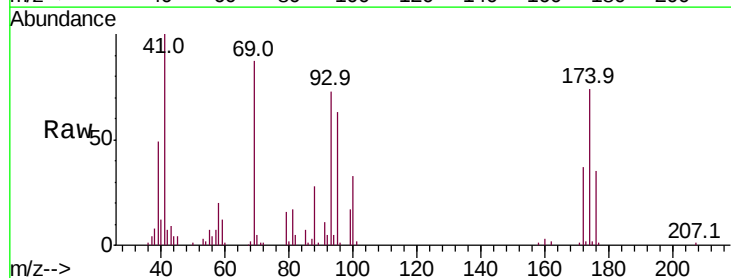
Tgt Ion: 93 Resp: 51699

Ion Ratio Lower Upper

93 100

95 83.7 66.9 100.3

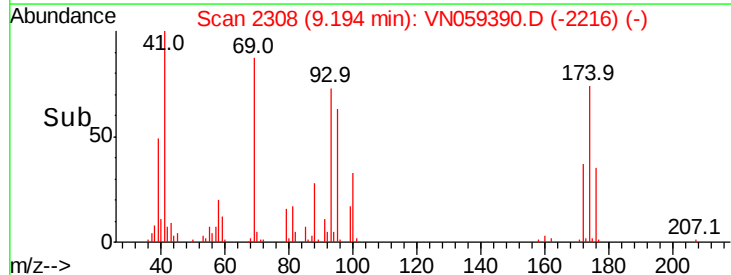
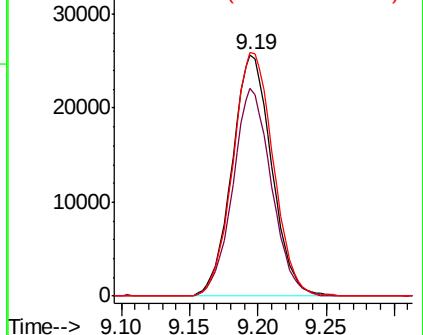
174 103.1 80.6 120.8

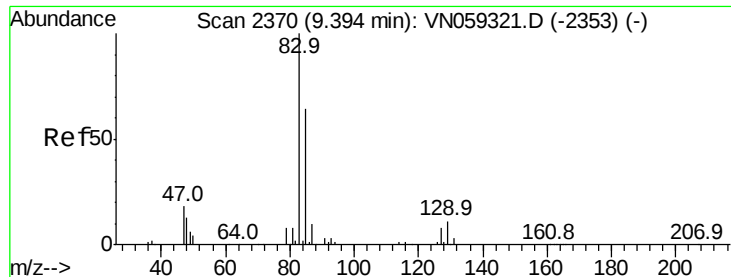


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.922 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD02

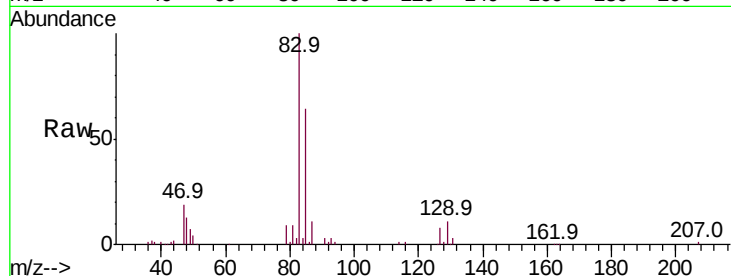
Tot Ion: 83 Resp: 105261

Ion Ratio Lower Upper

83 100

85 64.3 51.5 77.3

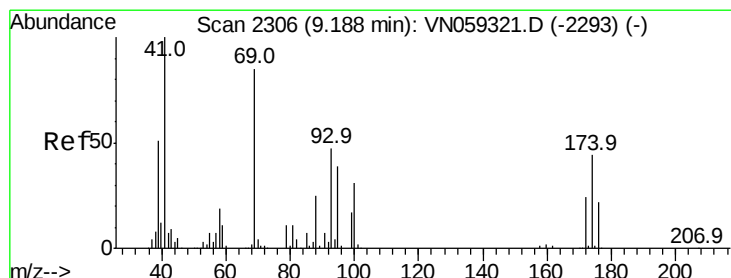
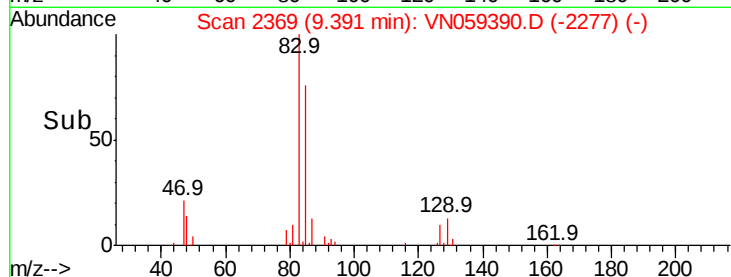
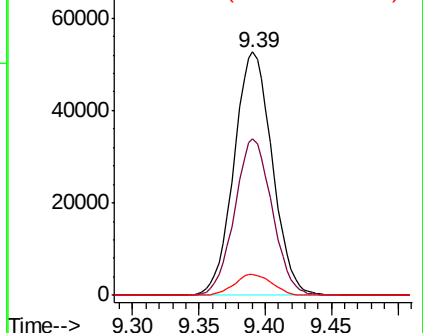
127 8.4 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 84.90 (84.60 to 85.60): VNC

Ion 126.80 (126.50 to 127.50): VNC



#48

Methyl methacrylate

Concen: 17.614 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

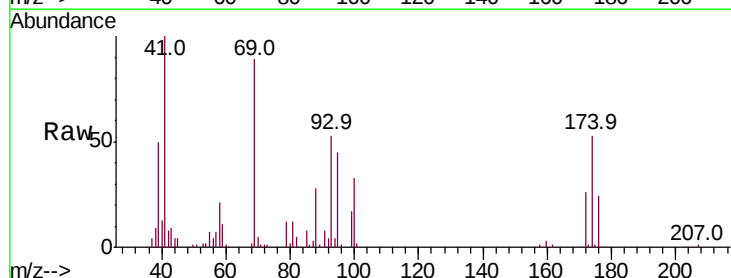
Tgt Ion: 41 Resp: 76126

Ion Ratio Lower Upper

41 100

69 90.8 68.8 103.2

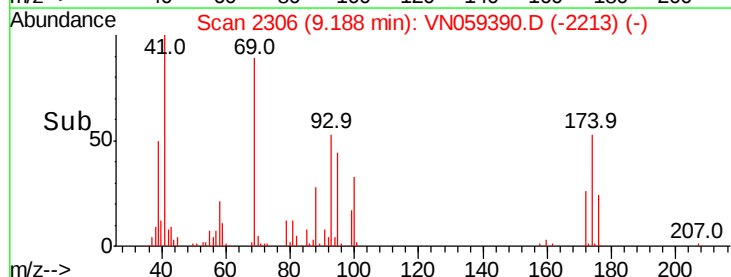
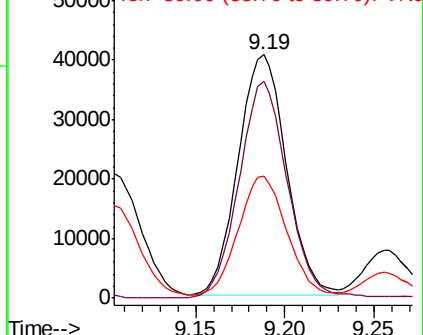
39 51.7 42.1 63.1

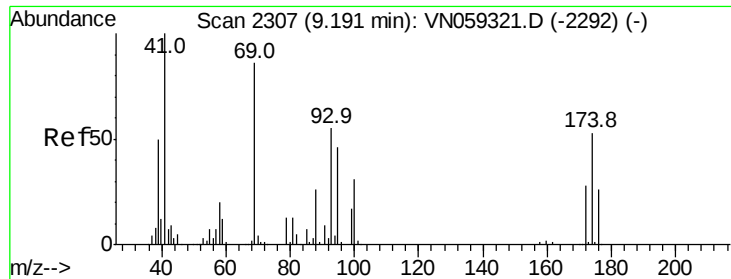


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

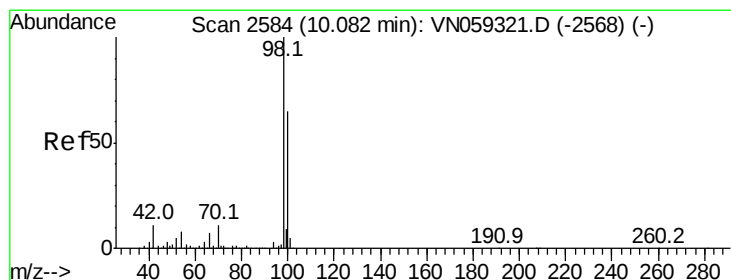
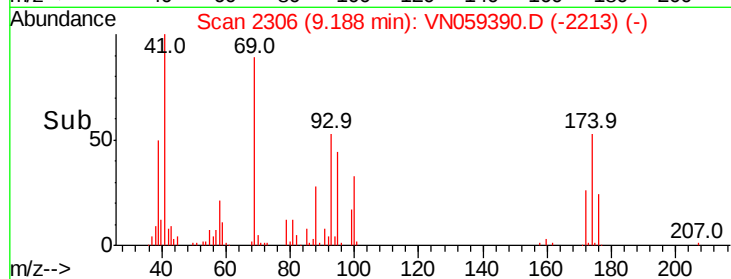
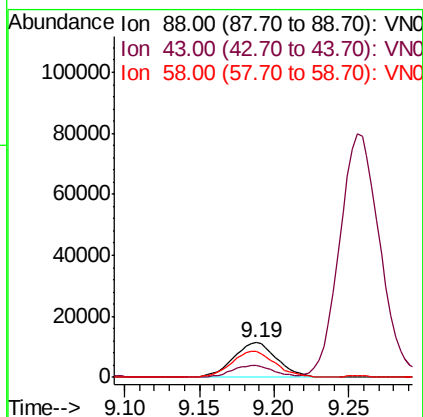
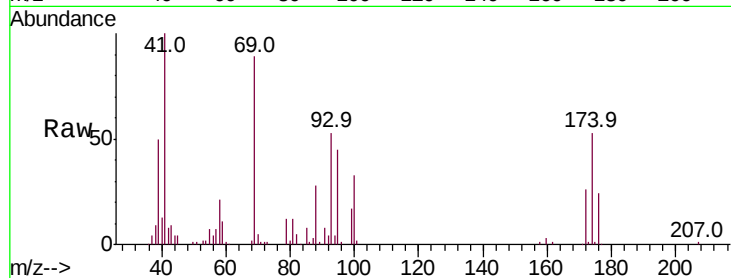




#49
1,4-Dioxane
Concen: 358.637 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

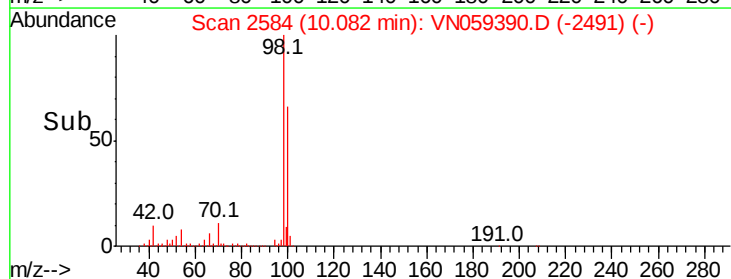
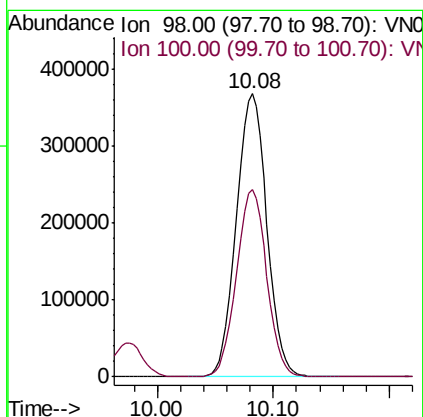
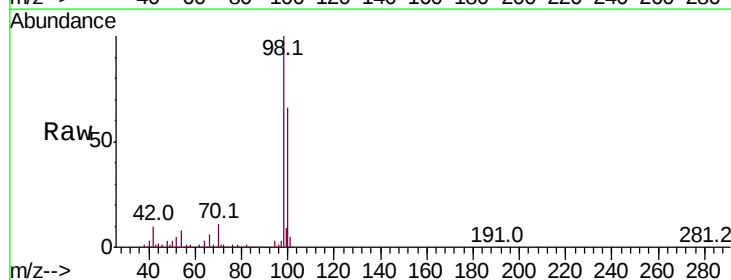
Instrument :
MSVOA_N
ClientSampleID :
VN1125WBSD02

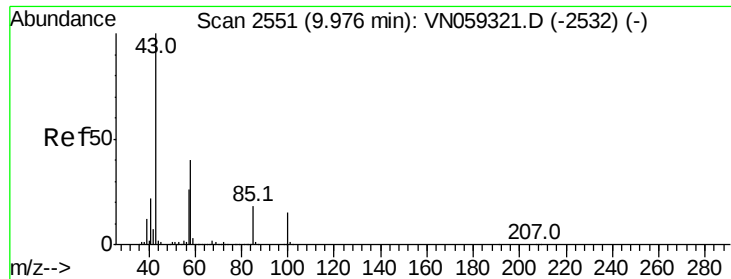
Tot Ion: 88 Resp: 23295
Ion Ratio Lower Upper
88 100
43 33.3 26.9 40.3
58 75.1 59.2 88.8



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

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





#51

4-Methyl-2-Pentanone

Concen: 97.638 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

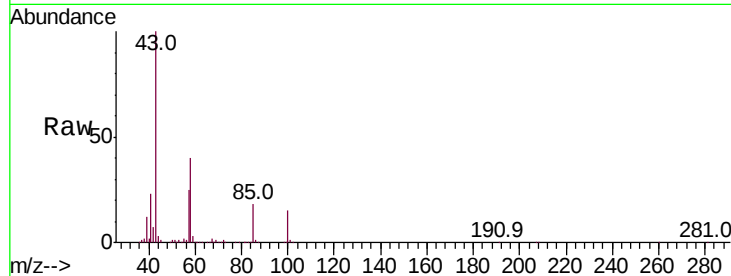
VN1125WBSD02

Tot Ion: 43 Resp: 543149

Ion Ratio Lower Upper

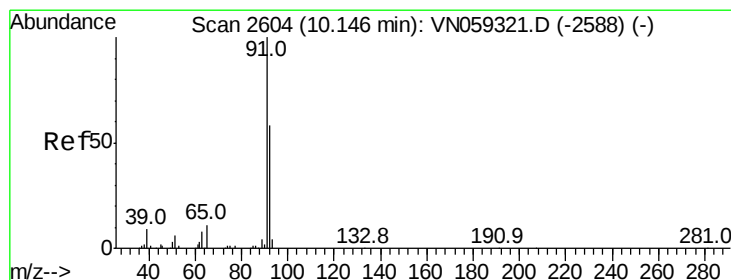
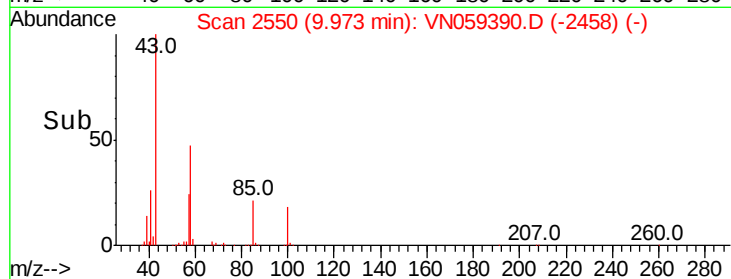
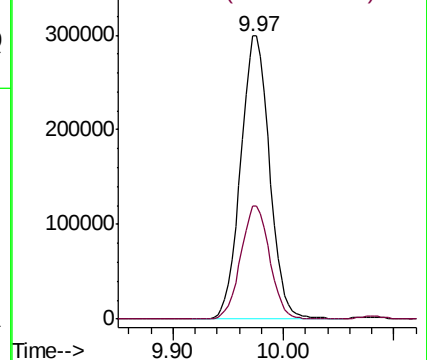
43 100

58 40.0 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 18.674 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059390.D

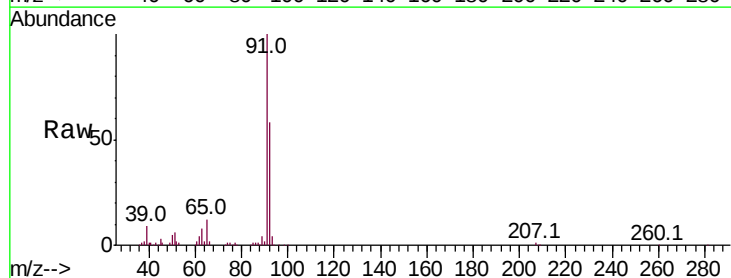
Acq: 25 Nov 2019 18:00

Tgt Ion: 92 Resp: 190694

Ion Ratio Lower Upper

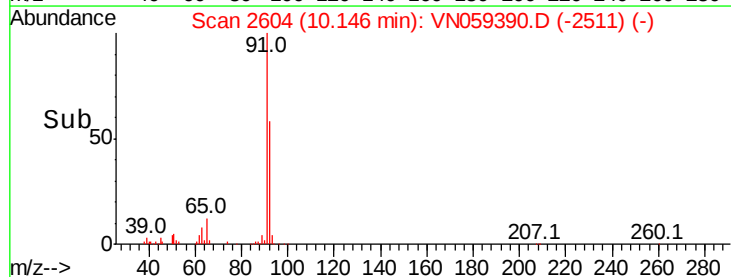
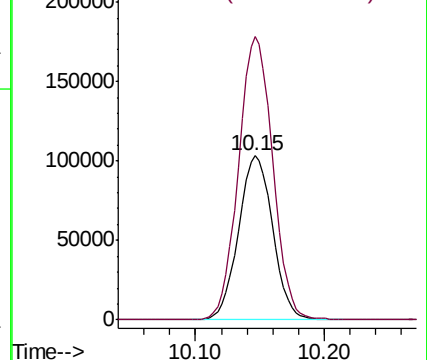
92 100

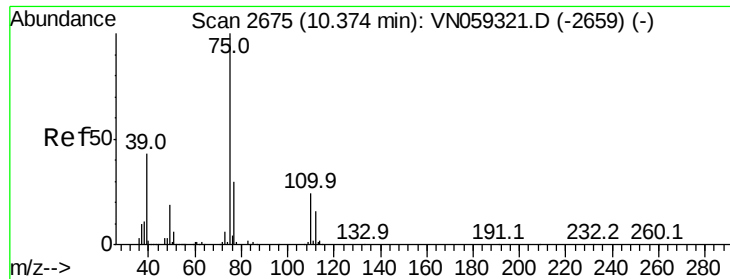
91 172.2 137.9 206.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 18.623 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

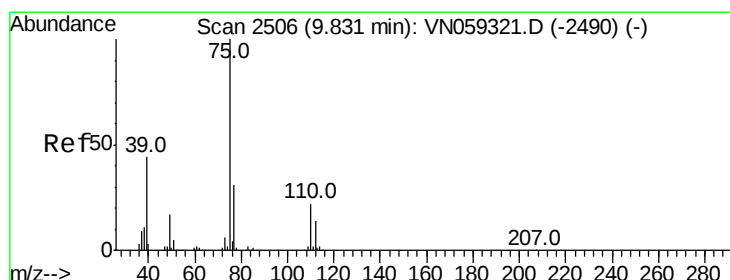
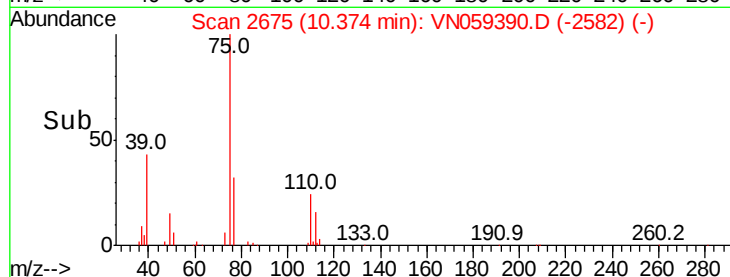
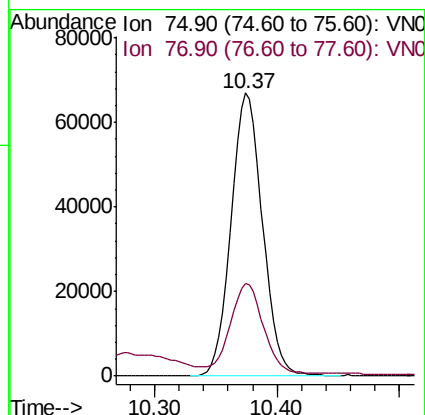
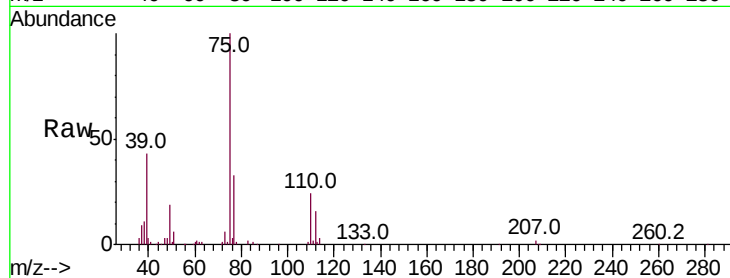
VN1125WBSD02

Tot Ion: 75 Resp: 120430

Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 18.808 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

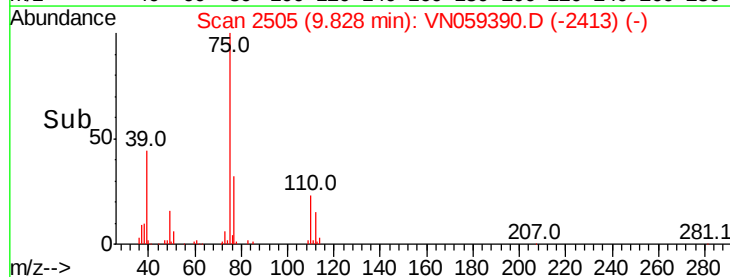
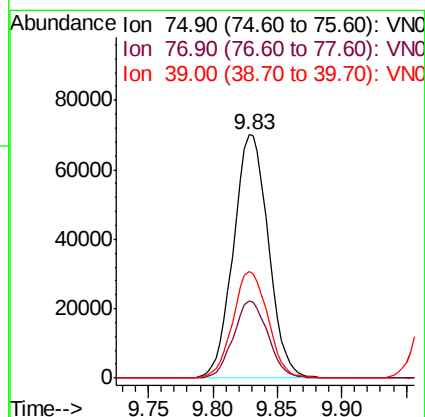
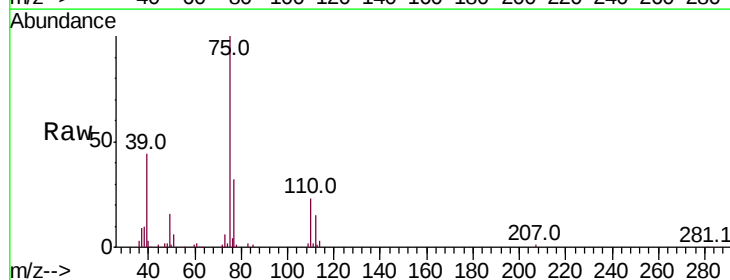
Tgt Ion: 75 Resp: 131983

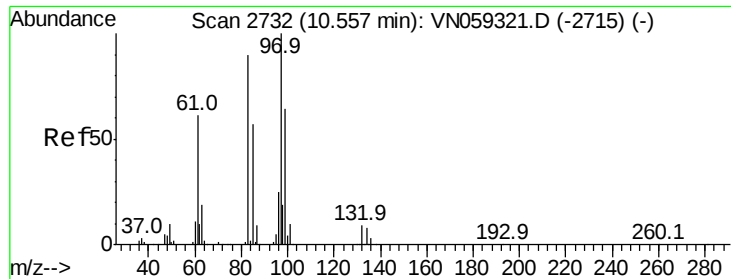
Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.4

39 43.9 35.5 53.3





#55

1,1,2-Trichloroethane

Concen: 19.254 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD02

Tot Ion: 97 Resp: 76445

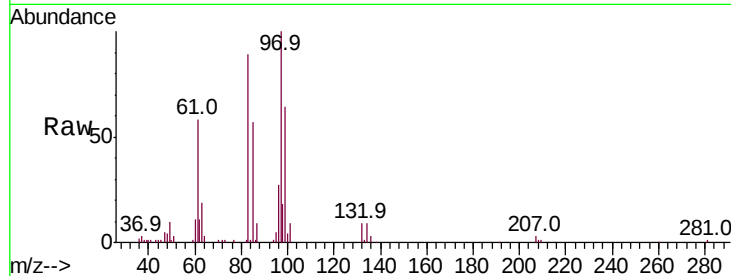
Ion Ratio Lower Upper

97 100

83 89.3 72.0 108.0

85 57.1 45.8 68.6

99 64.0 51.0 76.4

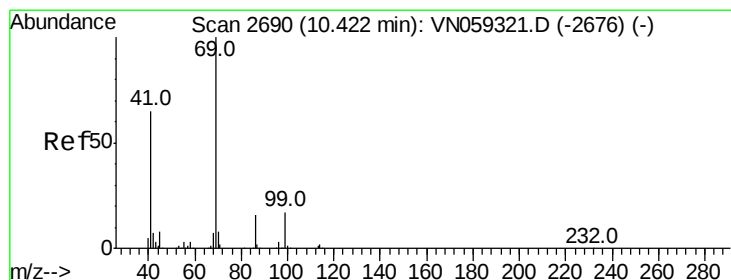
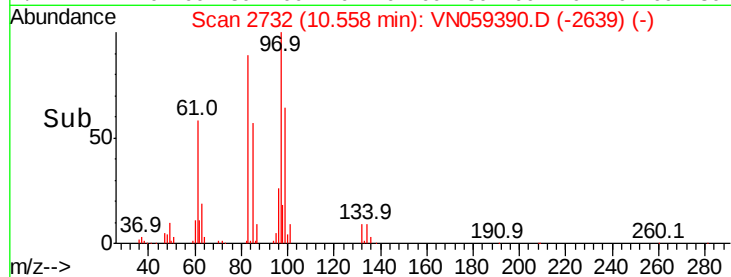
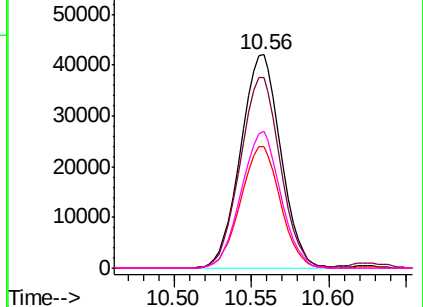


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.140 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

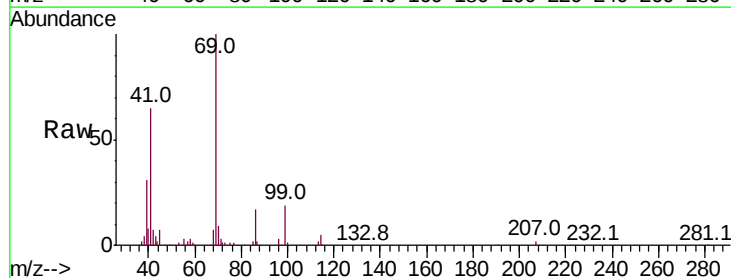
Tgt Ion: 69 Resp: 111843

Ion Ratio Lower Upper

69 100

41 64.4 51.7 77.5

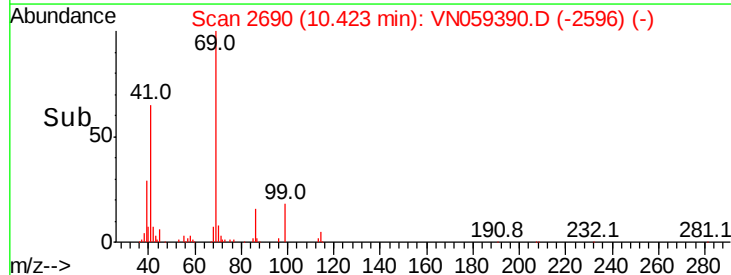
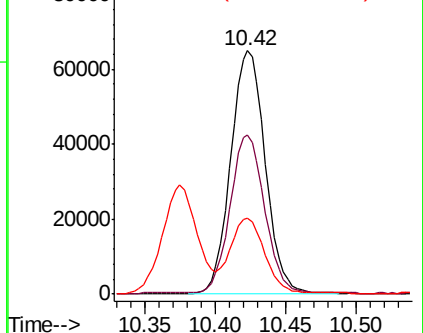
39 30.6 25.2 37.8

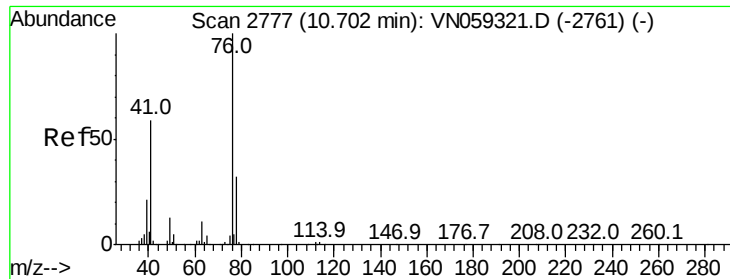


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.012 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

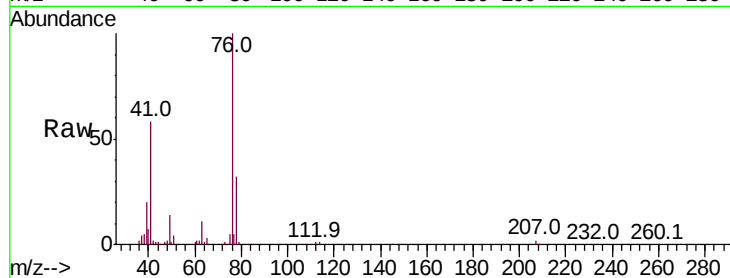
VN1125WBSD02

Tot Ion: 76 Resp: 131564

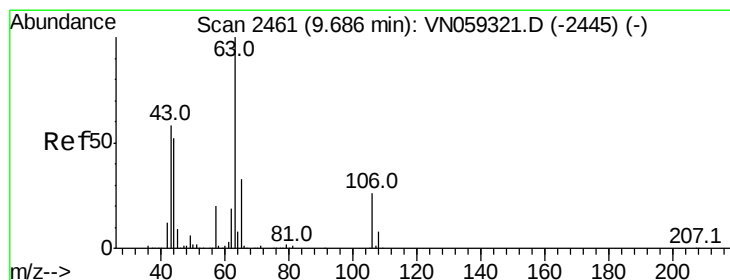
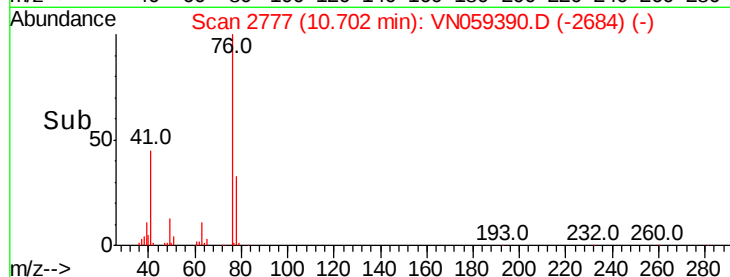
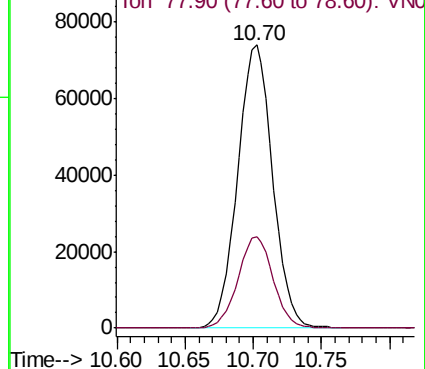
Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VN059321.D (-2761) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 86.747 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN059390.D

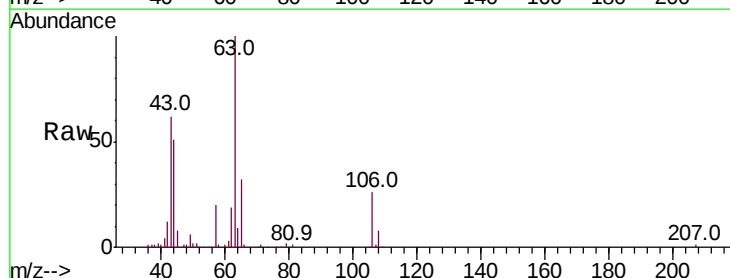
Acq: 25 Nov 2019 18:00

Tgt Ion: 63 Resp: 173216

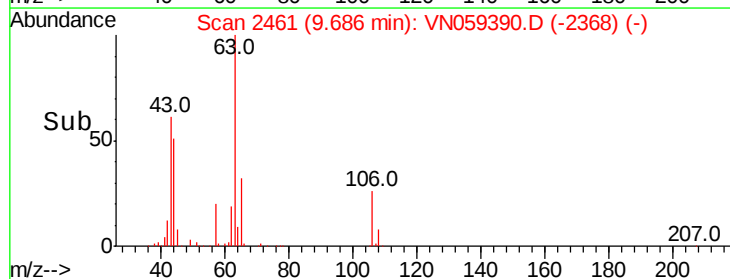
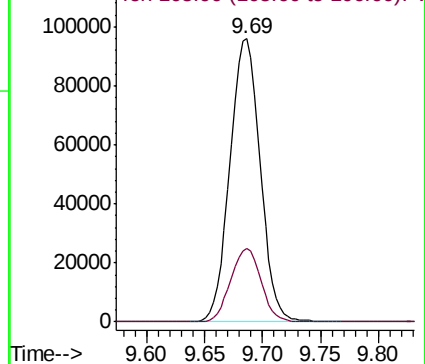
Ion Ratio Lower Upper

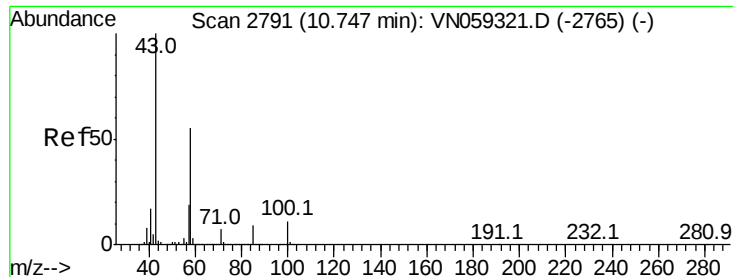
63 100

106 26.0 20.5 30.7



Abundance Ion 62.90 (62.60 to 63.60): VN059321.D (-2445) (-)

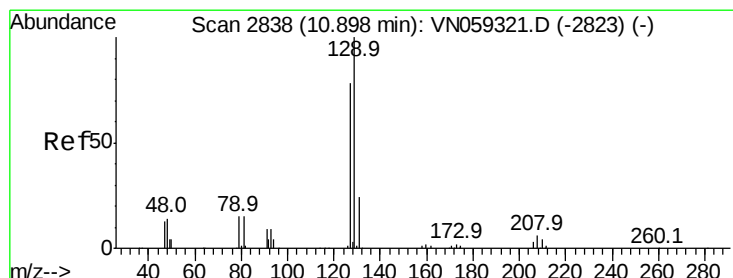
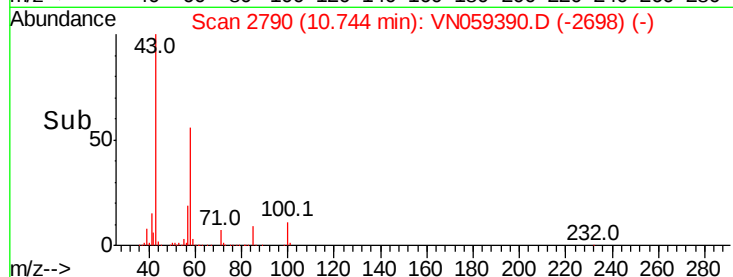
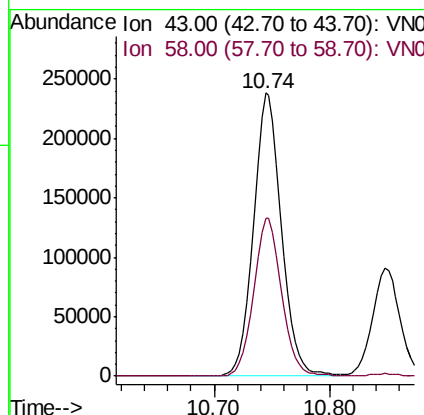
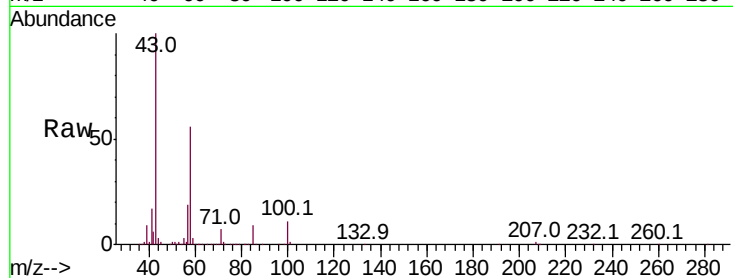




#59
2-Hexanone
Concen: 98.217 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

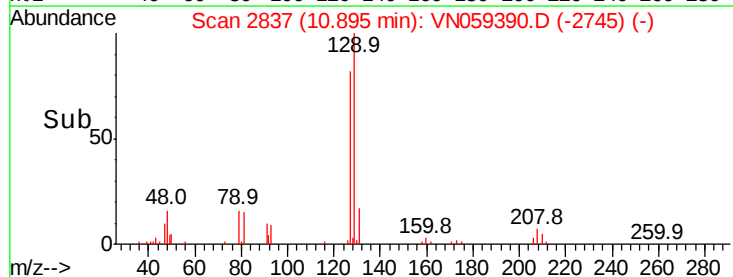
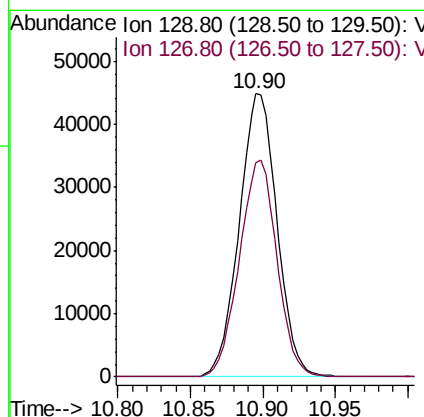
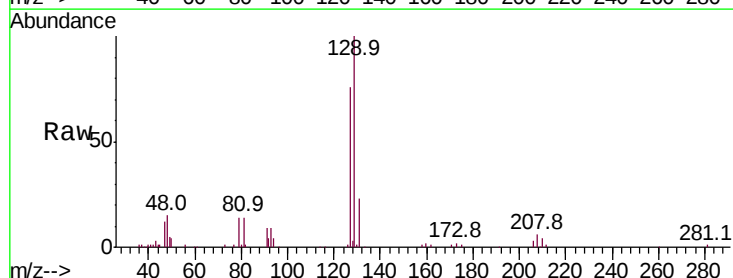
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD02

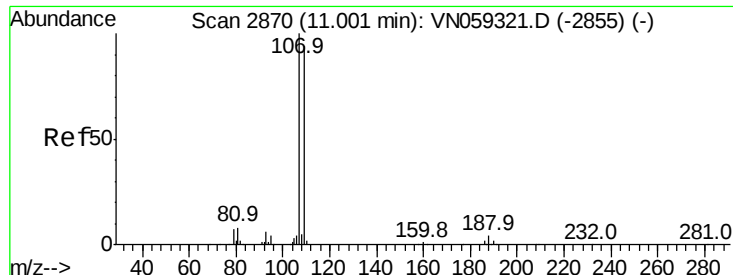
Tot Ion: 43 Resp: 400073
Ion Ratio Lower Upper
43 100
58 56.1 27.7 83.0



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

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





#61

1,2-Dibromoethane

Concen: 19.071 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

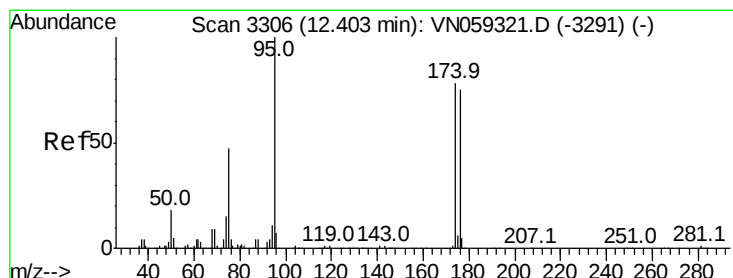
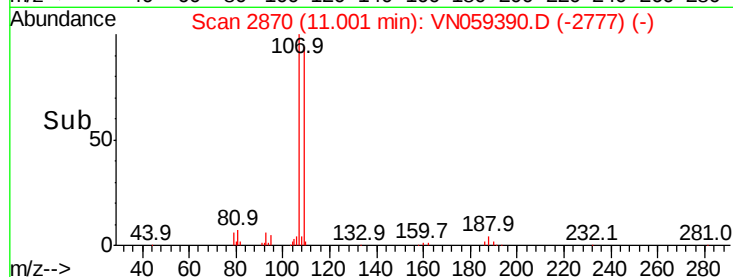
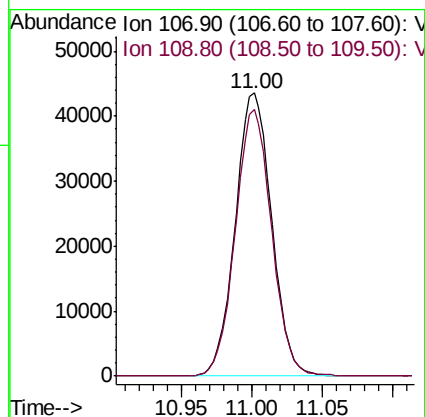
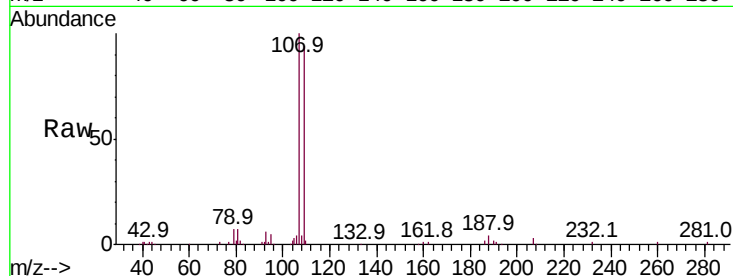
VN1125WBSD02

Tot Ion:107 Resp: 78783

Ion Ratio Lower Upper

107 100

109 93.9 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 50.384 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

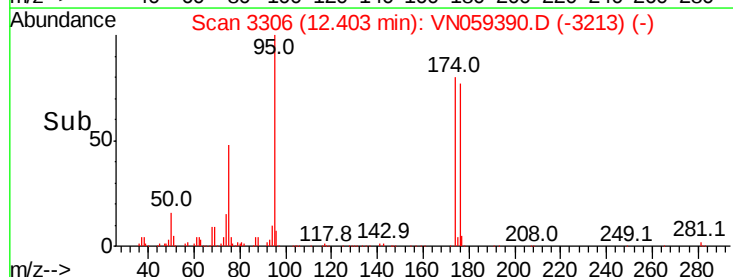
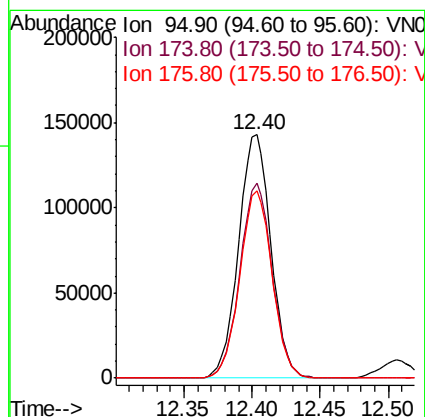
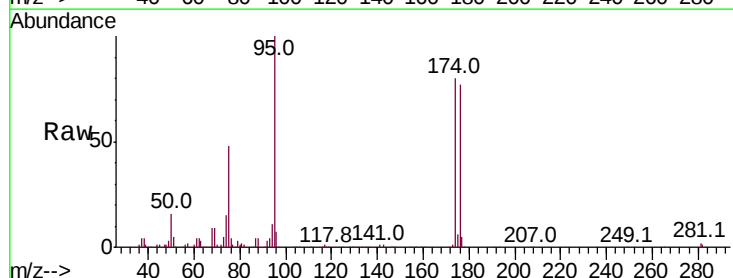
Tgt Ion: 95 Resp: 235506

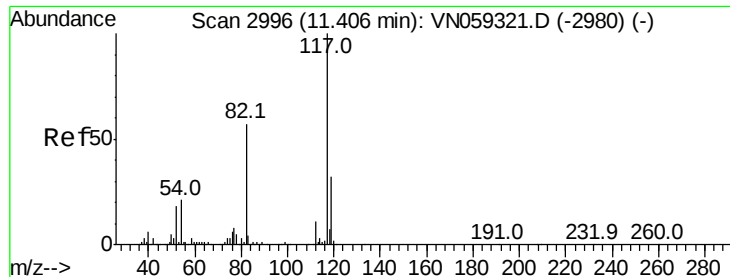
Ion Ratio Lower Upper

95 100

174 79.7 0.0 157.4

176 76.9 0.0 151.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD02

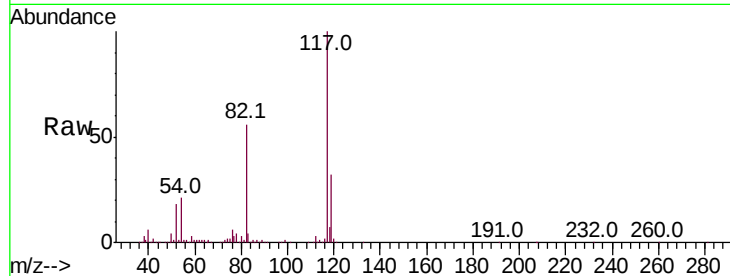
Tot Ion:117 Resp: 501571

Ion Ratio Lower Upper

117 100

82 56.5 45.7 68.5

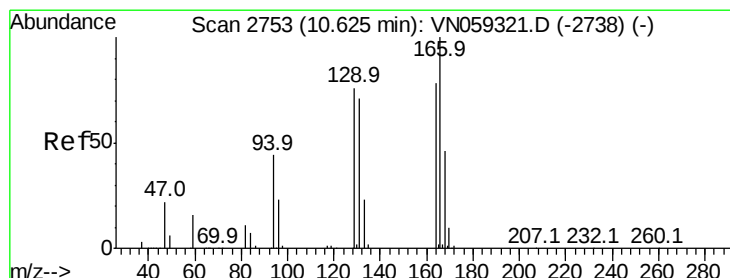
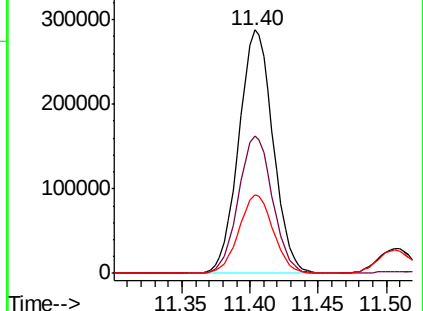
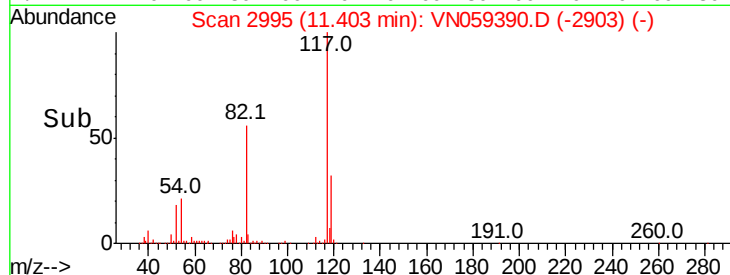
119 32.0 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 18.532 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Tgt Ion:164 Resp: 71890

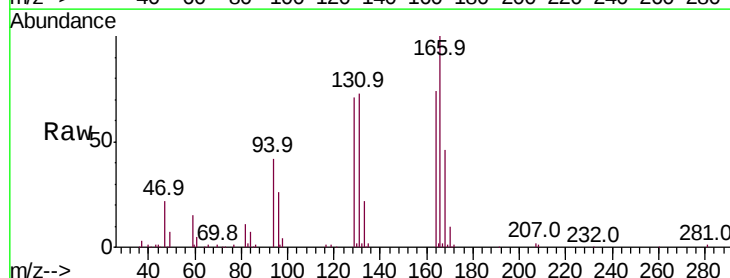
Ion Ratio Lower Upper

164 100

166 134.7 102.9 154.3

129 96.1 78.2 117.2

131 98.0 72.6 109.0

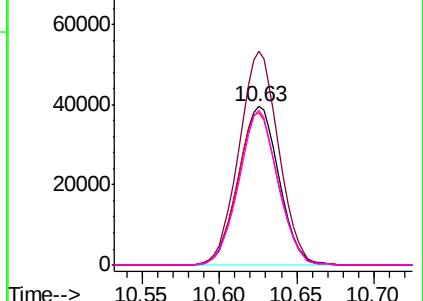
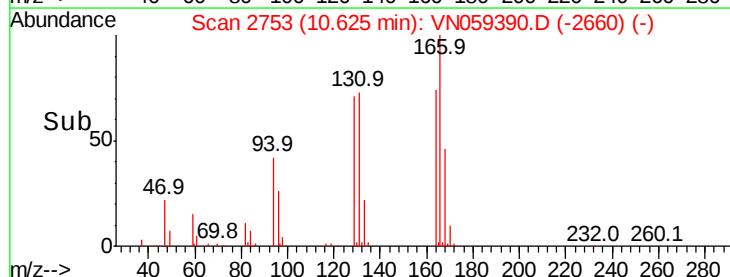


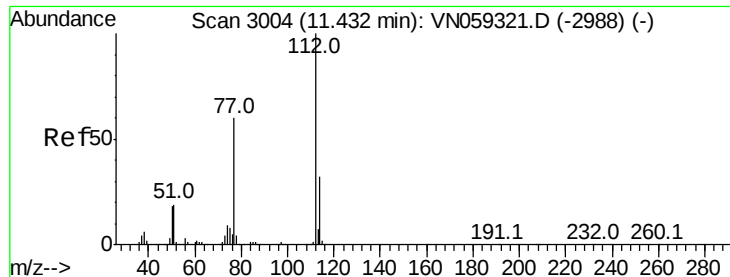
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 18.522 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

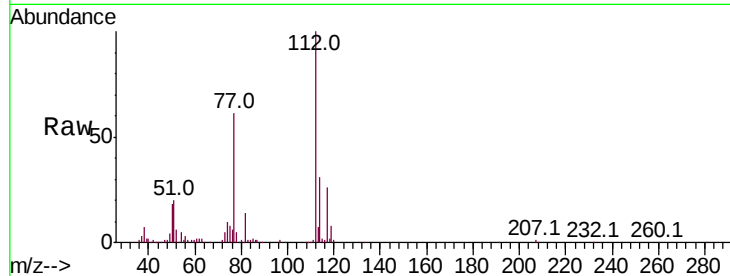
VN1125WBSD02

Tot Ion:112 Resp: 199756

Ion Ratio Lower Upper

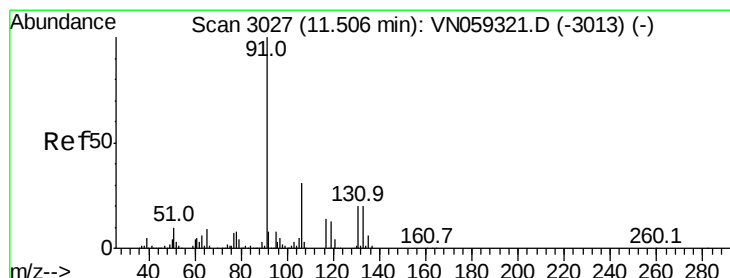
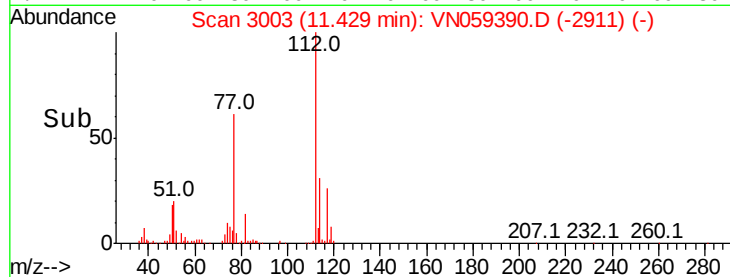
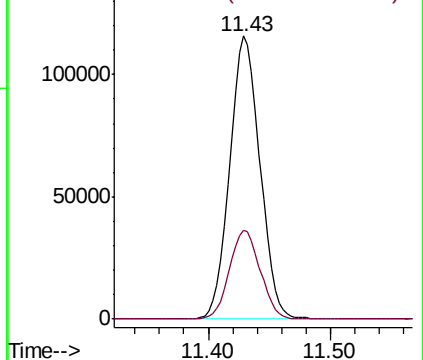
112 100

114 31.3 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: 18.856 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

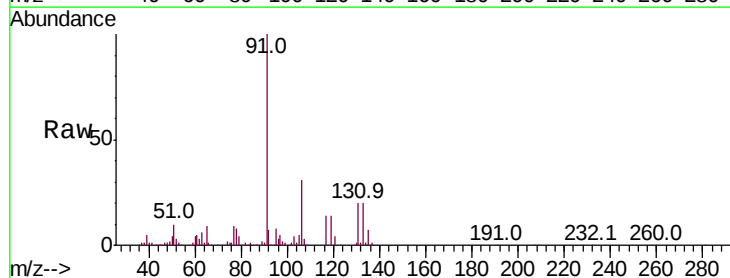
Tgt Ion:131 Resp: 73876

Ion Ratio Lower Upper

131 100

133 98.8 48.2 144.6

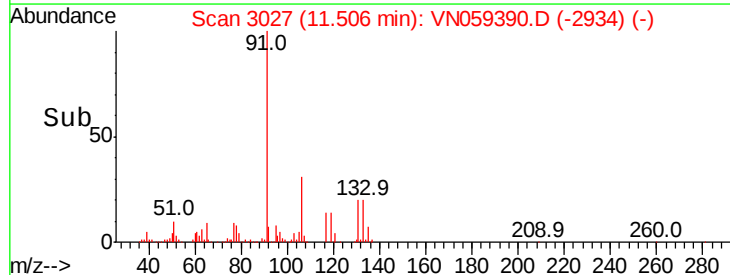
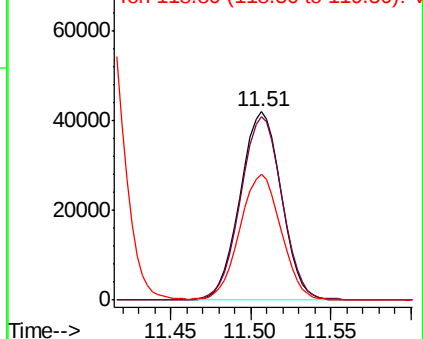
119 67.2 33.6 100.6

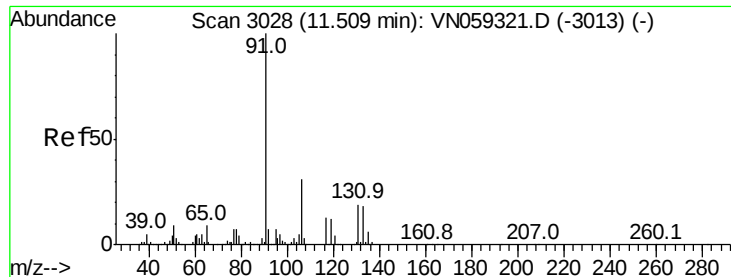


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.501 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

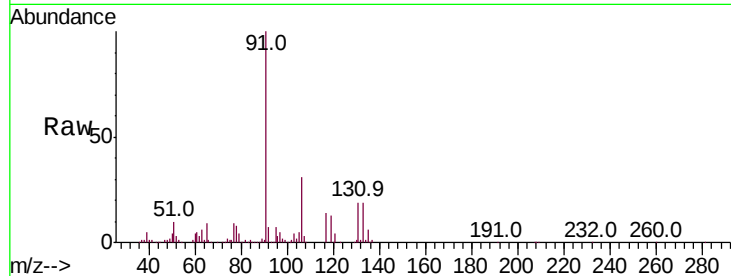
VN1125WBSD02

Tot Ion: 91 Resp: 356257

Ion Ratio Lower Upper

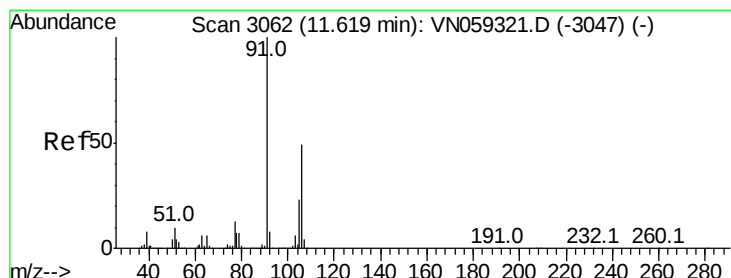
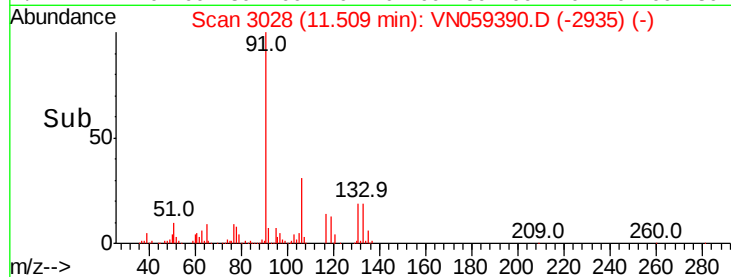
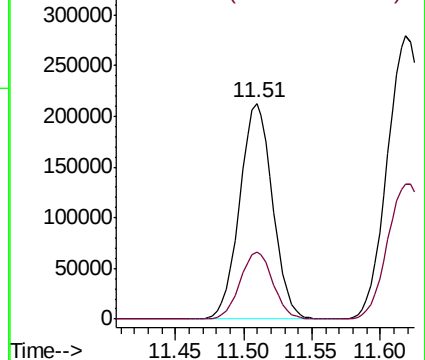
91 100

106 31.2 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.020 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN059390.D

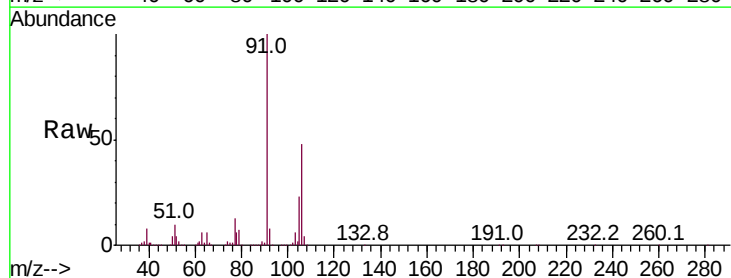
Acq: 25 Nov 2019 18:00

Tgt Ion: 106 Resp: 264891

Ion Ratio Lower Upper

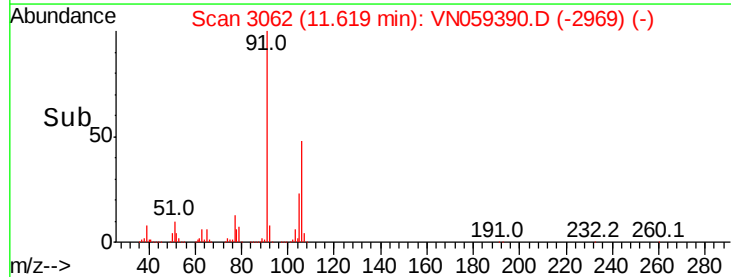
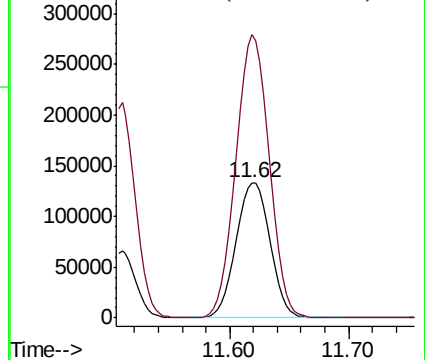
106 100

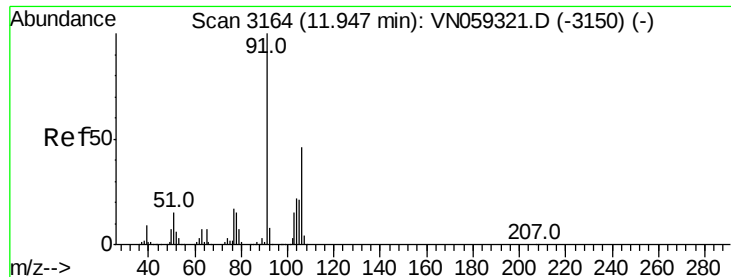
91 204.6 163.2 244.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

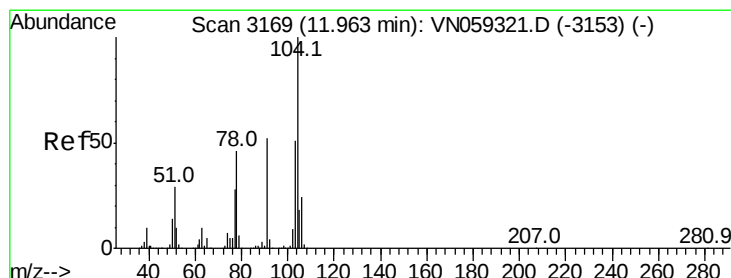
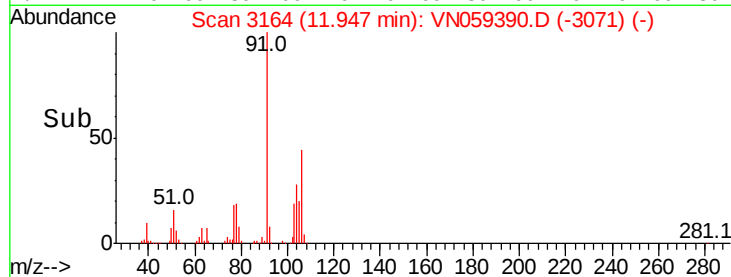
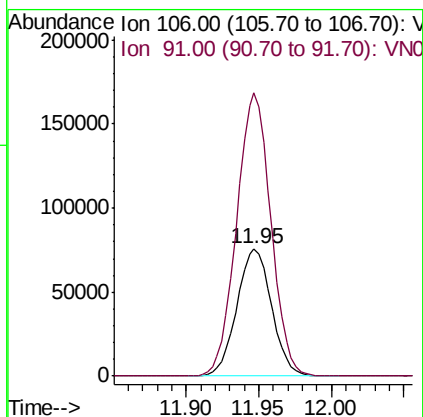
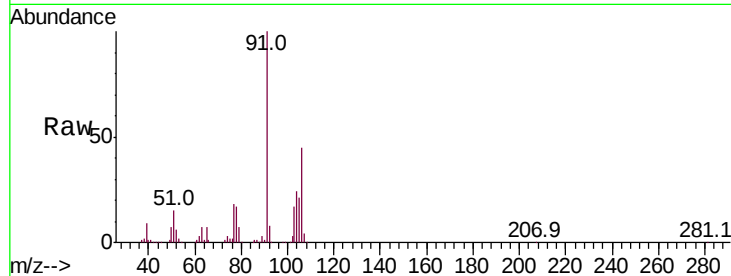




#69
o-Xylene
Concen: 18.422 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059390.D
Acq: 25 Nov 2019 18:00

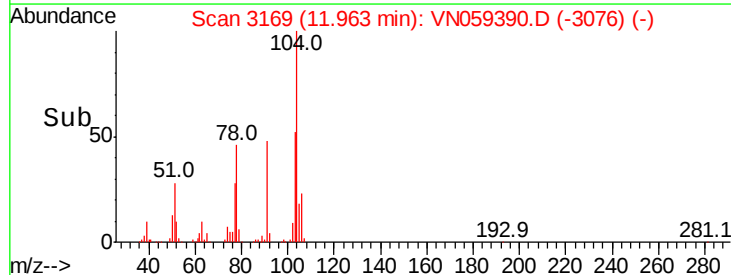
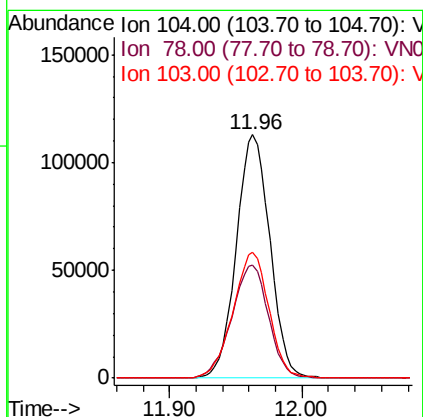
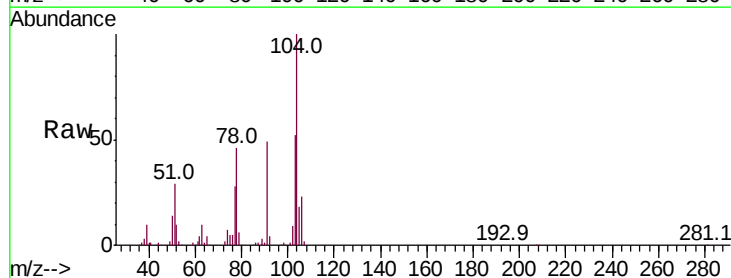
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD02

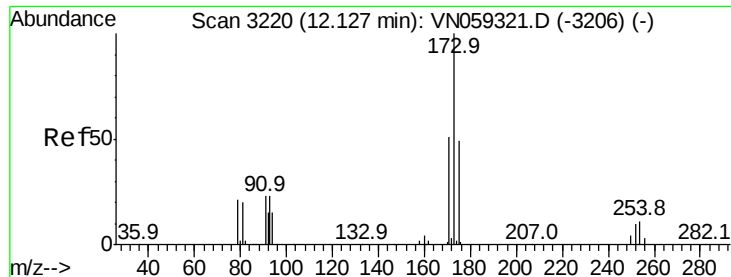
Tot Ion:106 Resp: 126195
Ion Ratio Lower Upper
106 100
91 219.3 109.3 327.9



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

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





#71

Bromoform

Concen: 18.978 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD02

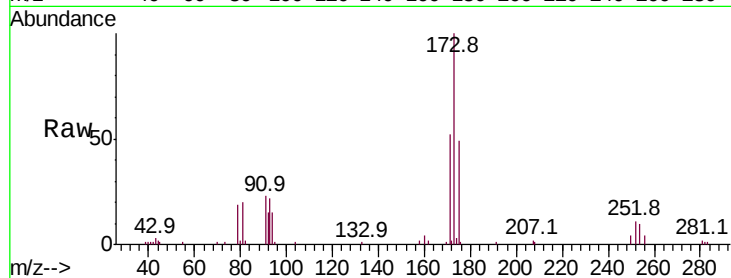
Tot Ion:173 Resp: 56311

Ion Ratio Lower Upper

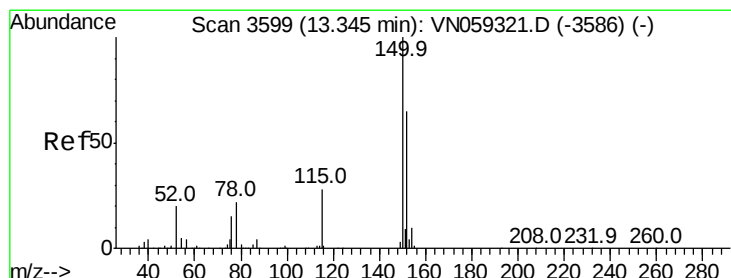
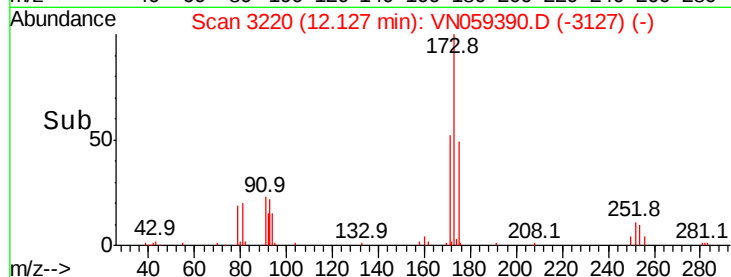
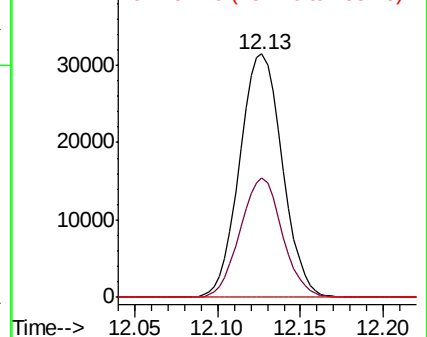
173 100

175 48.3 24.6 73.6

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

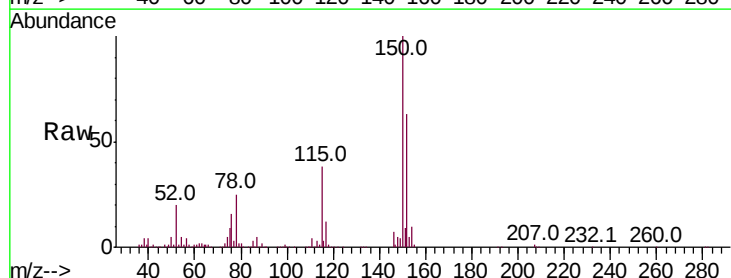
Tgt Ion:152 Resp: 228547

Ion Ratio Lower Upper

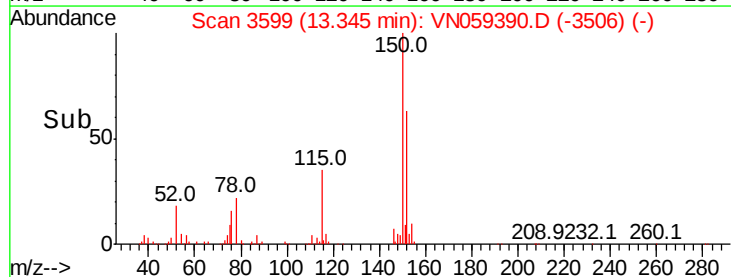
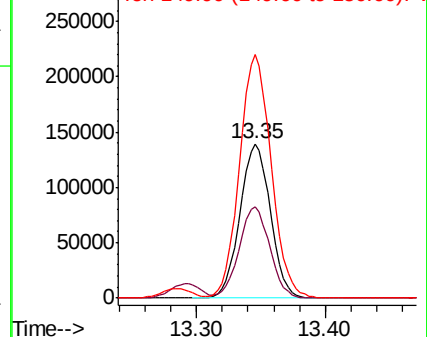
152 100

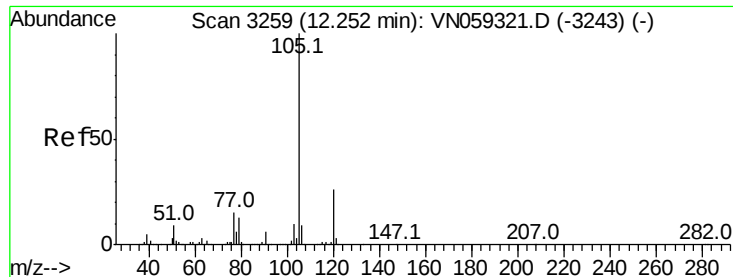
115 59.3 29.3 88.0

150 164.3 0.0 346.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.167 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

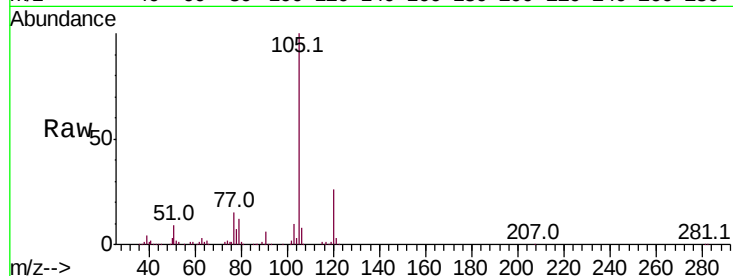
VN1125WBSD02

Tot Ion:105 Resp: 340121

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

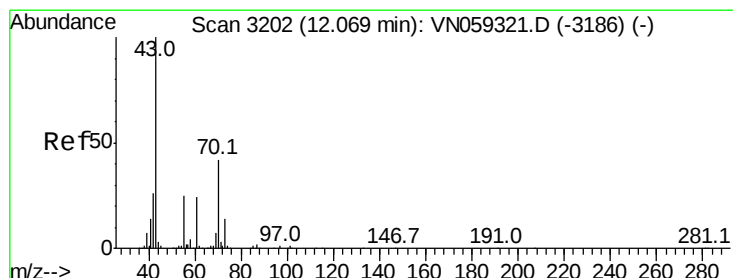
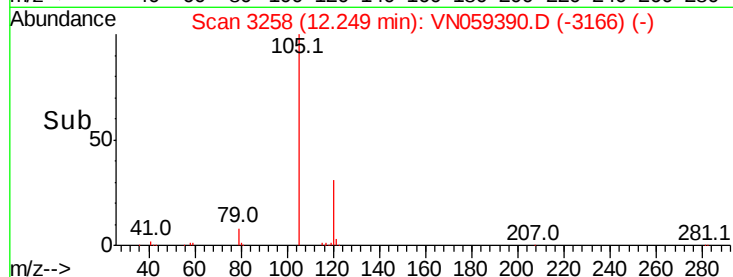
100000

50000

0

12.15 12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 17.778 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Tgt Ion: 43 Resp: 133769

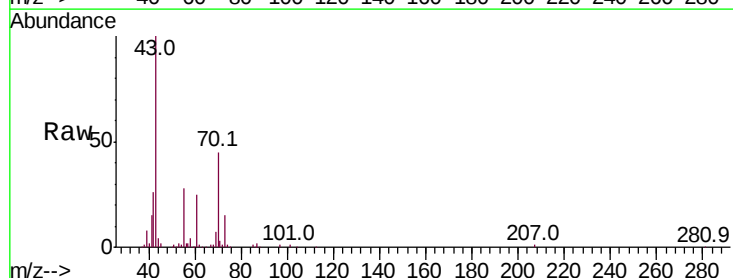
Ion Ratio Lower Upper

43 100

70 44.2 33.8 50.6

55 27.3 20.3 30.5

61 24.7 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

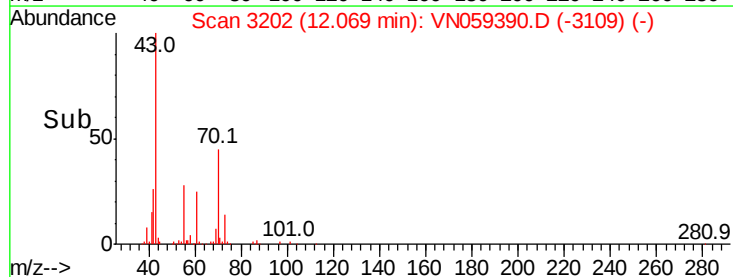
100000

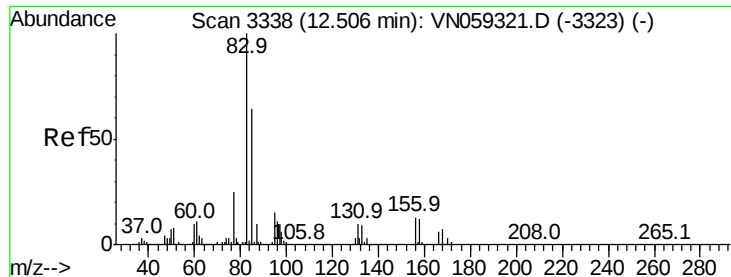
50000

0

12.00 12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.523 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD02

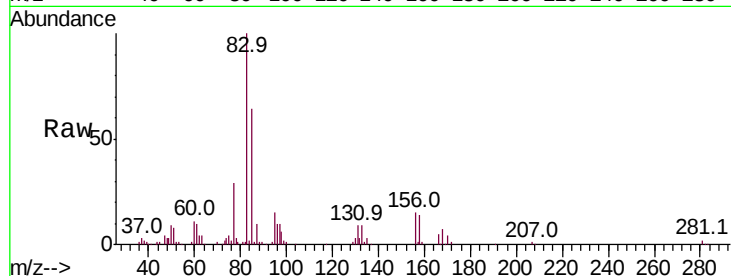
Tot Ion: 83 Resp: 114716

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

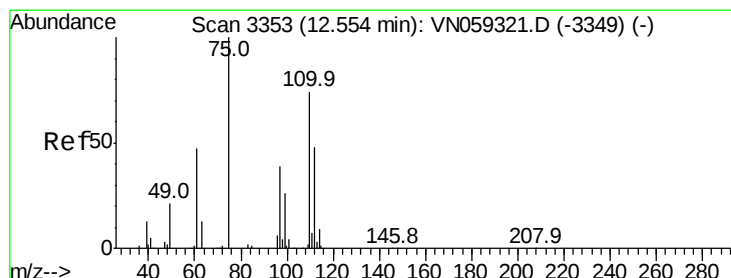
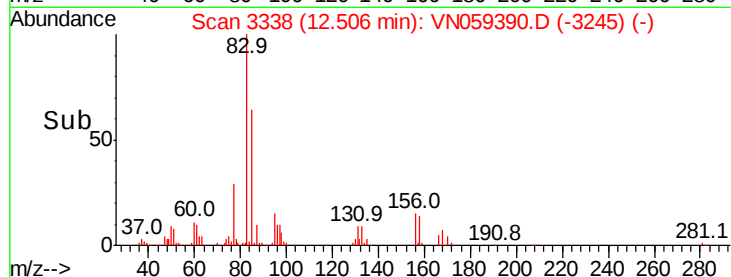
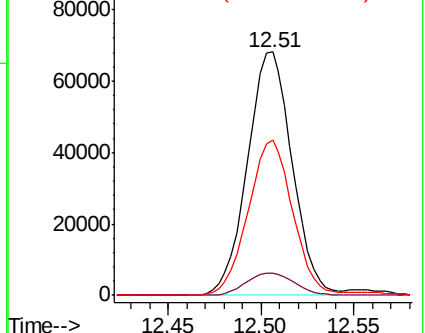
85 63.8 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 130.80 (130.50 to 131.50): VNC

Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 19.733 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059390.D

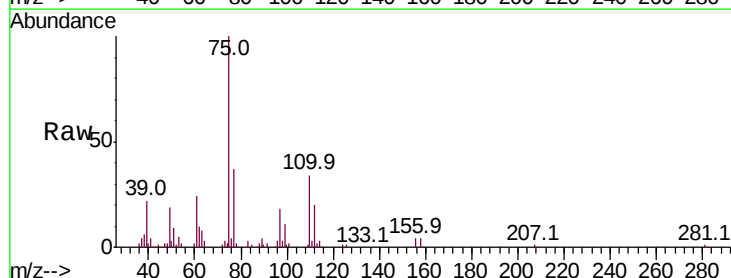
Acq: 25 Nov 2019 18:00

Tgt Ion: 75 Resp: 104189

Ion Ratio Lower Upper

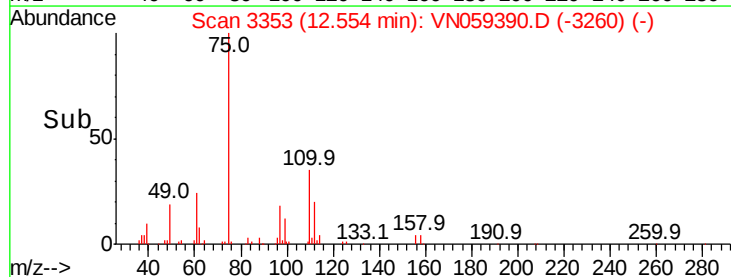
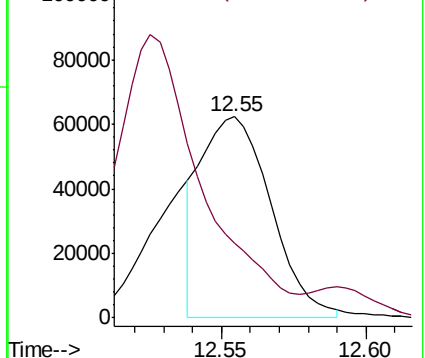
75 100

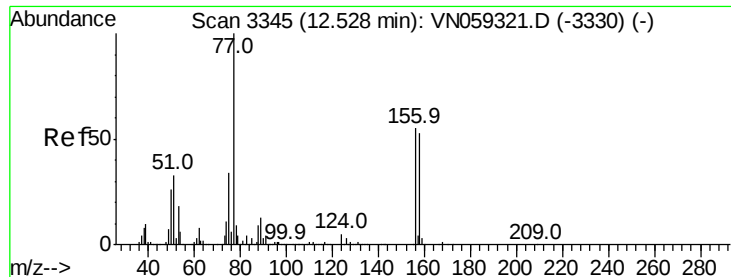
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#77

Bromobenzene

Concen: 18.175 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD02

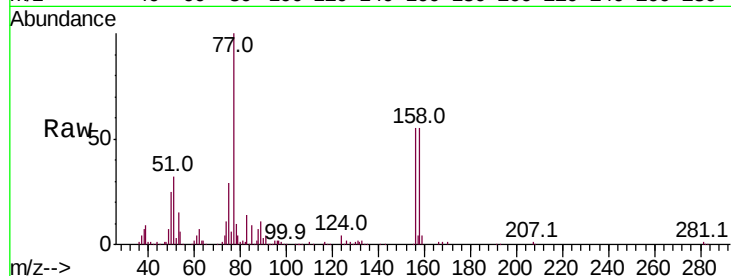
Tot Ion:156 Resp: 82533

Ion Ratio Lower Upper

156 100

77 222.9 111.1 333.4

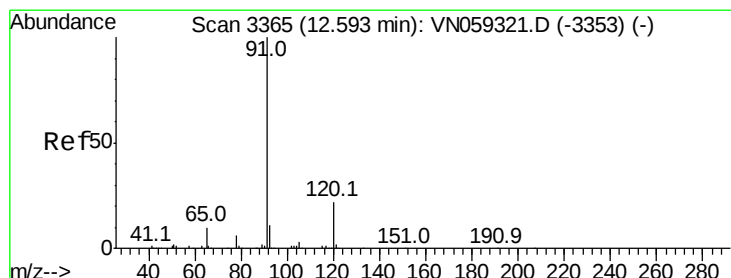
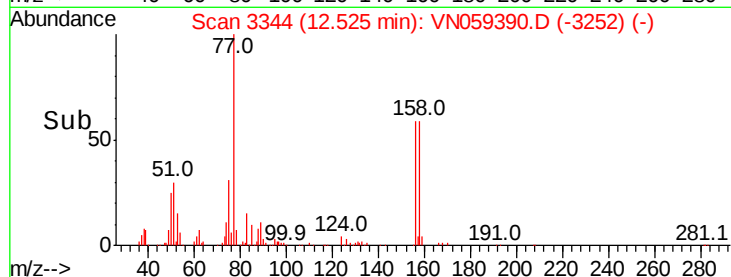
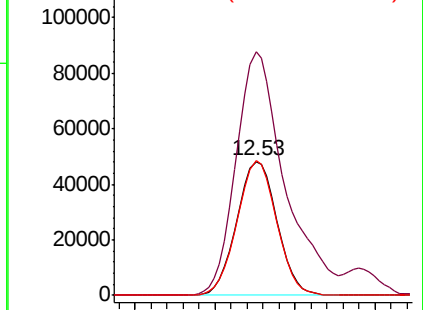
158 98.5 47.8 143.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.410 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059390.D

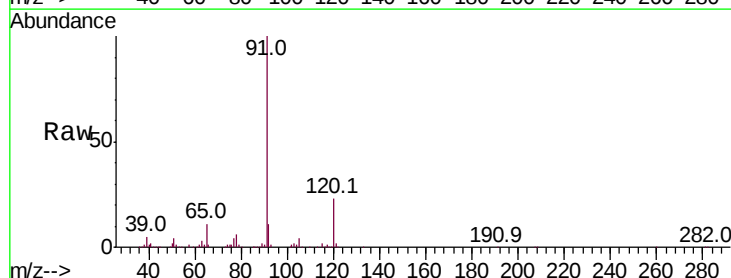
Acq: 25 Nov 2019 18:00

Tgt Ion: 91 Resp: 390424

Ion Ratio Lower Upper

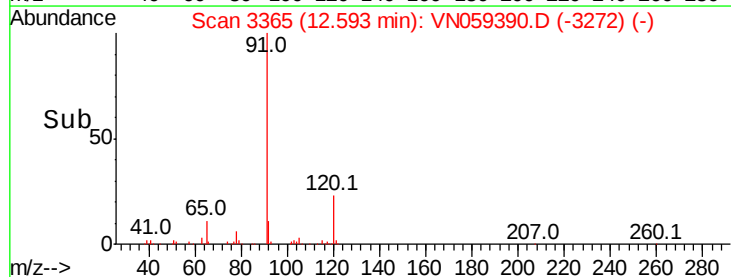
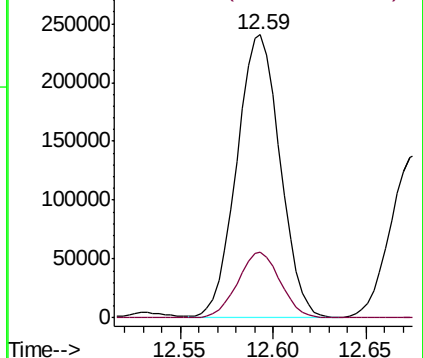
91 100

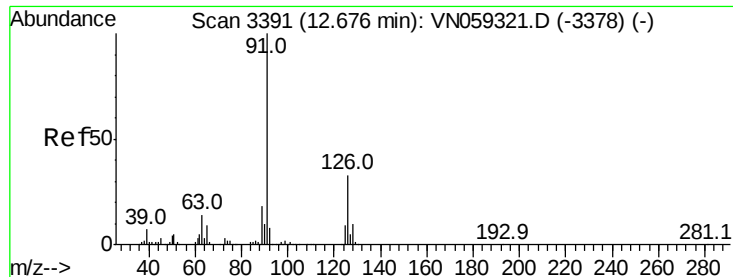
120 22.8 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

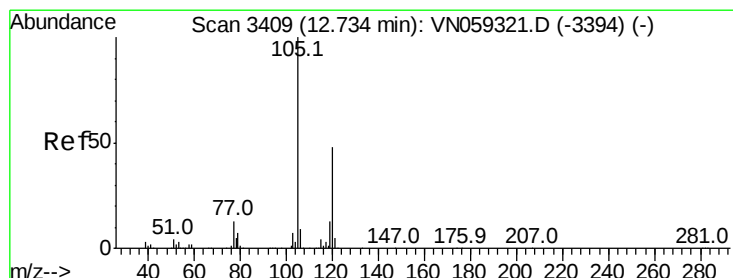
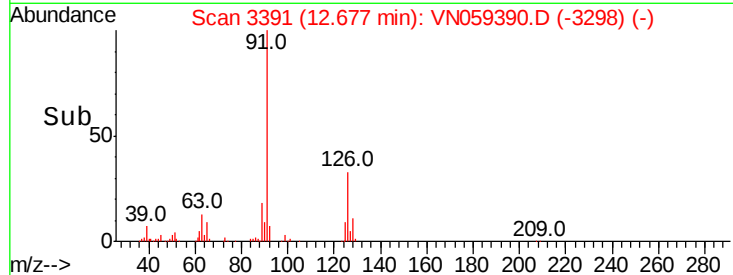
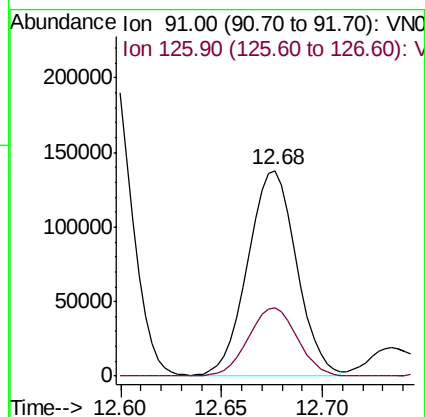
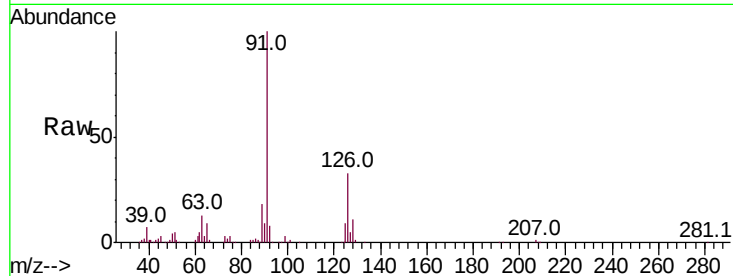




#79
 2-Chlorotoluene
 Concen: 17.933 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VN059390.D
 Acq: 25 Nov 2019 18:00

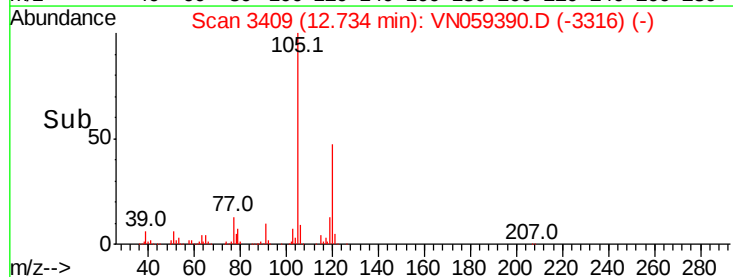
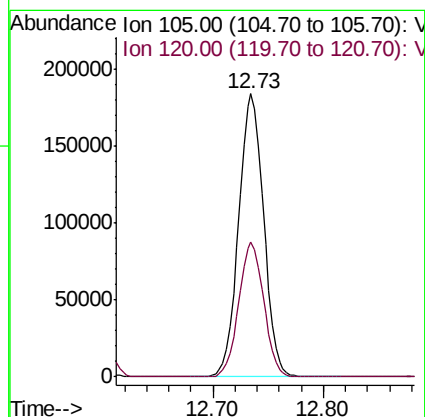
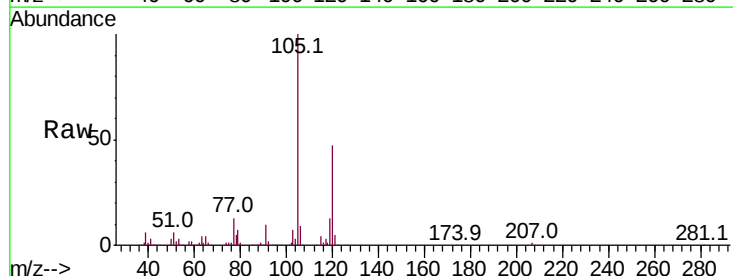
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD02

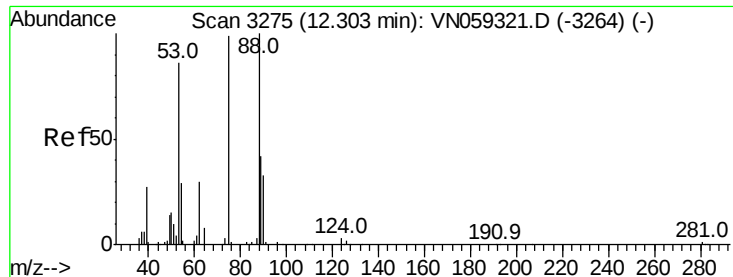
Tot Ion: 91 Resp: 233435
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.7 50.1



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

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





#81

trans-1,4-Dichloro-2-butene

Concen: 18.756 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD02

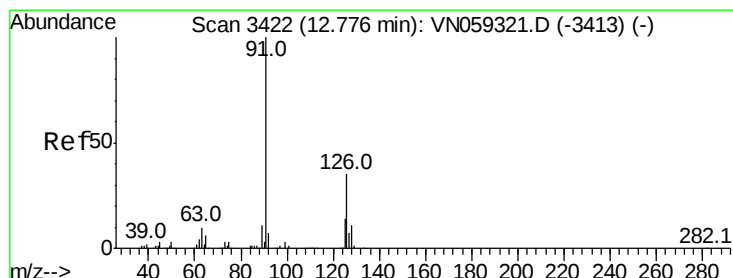
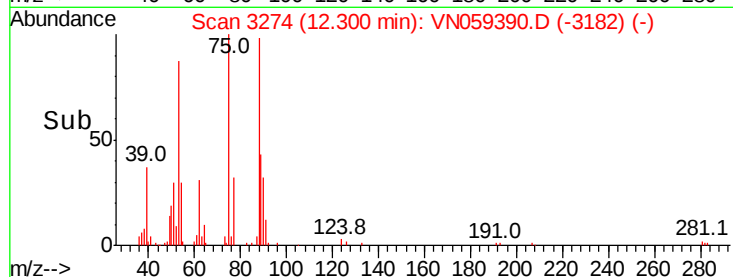
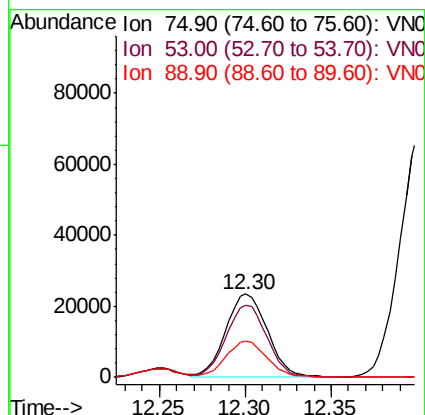
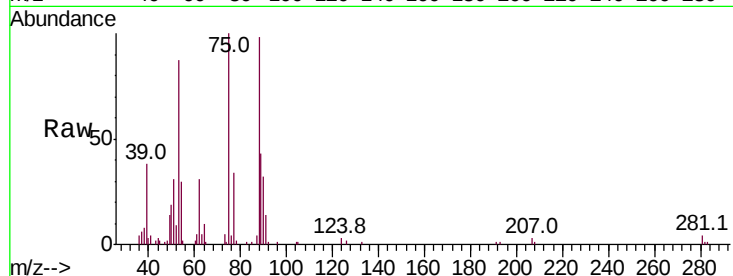
Tot Ion: 75 Resp: 39595

Ion Ratio Lower Upper

75 100

53 85.8 70.7 106.1

89 42.9 35.4 53.0



#82

4-Chlorotoluene

Concen: 17.559 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN059390.D

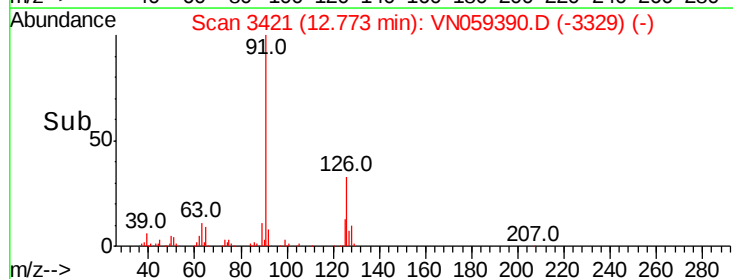
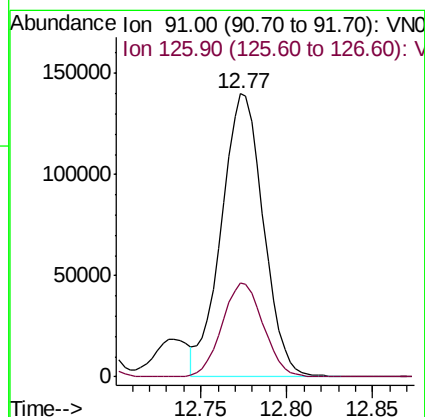
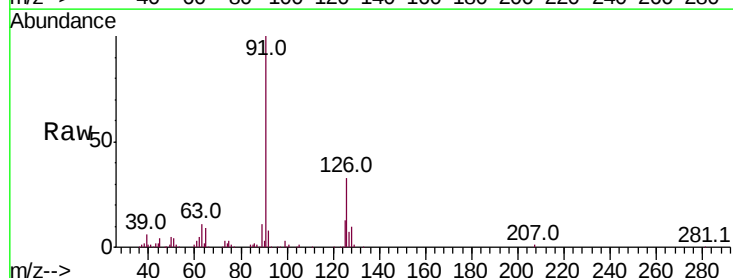
Acq: 25 Nov 2019 18:00

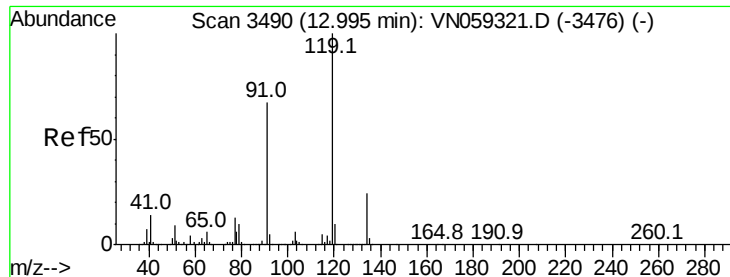
Tgt Ion: 91 Resp: 236527

Ion Ratio Lower Upper

91 100

126 32.8 16.2 48.6





#83

tert-Butylbenzene

Concen: 18.484 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD02

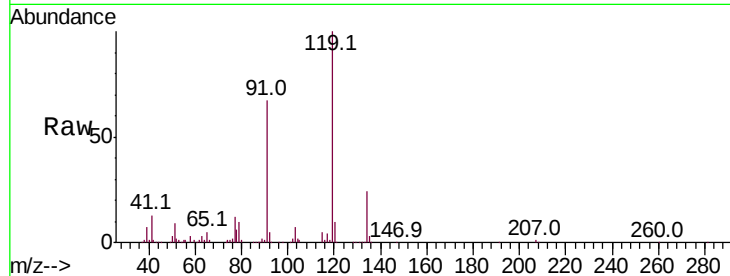
Tot Ion:119 Resp: 245691

Ion Ratio Lower Upper

119 100

91 65.3 32.8 98.4

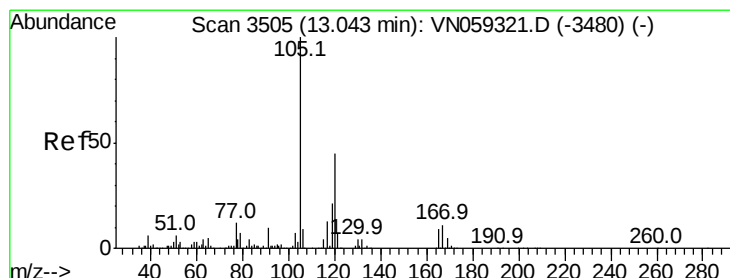
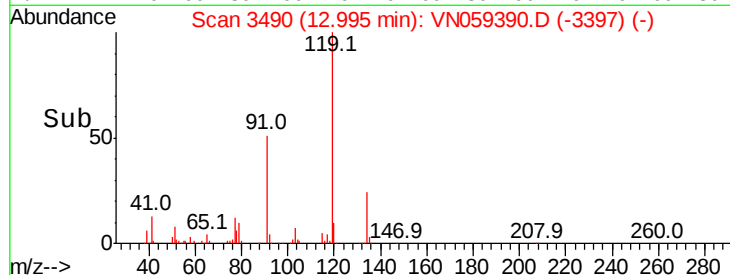
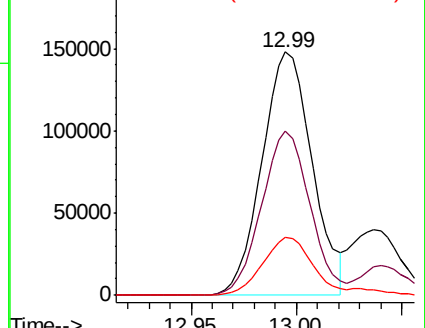
134 25.2 13.0 38.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.441 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN059390.D

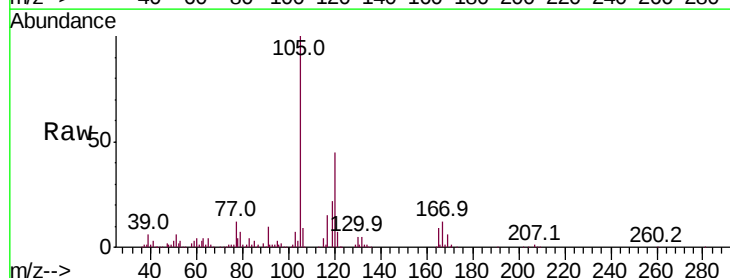
Acq: 25 Nov 2019 18:00

Tgt Ion:105 Resp: 284302

Ion Ratio Lower Upper

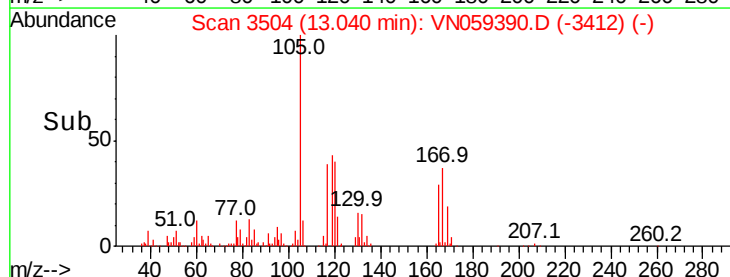
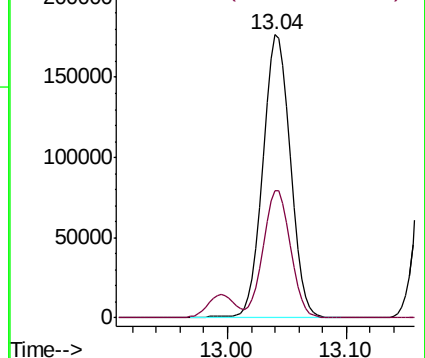
105 100

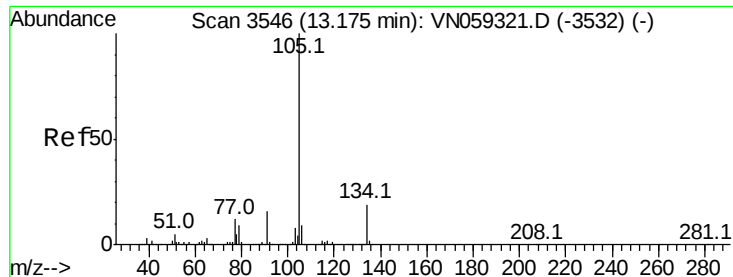
120 44.4 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.082 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

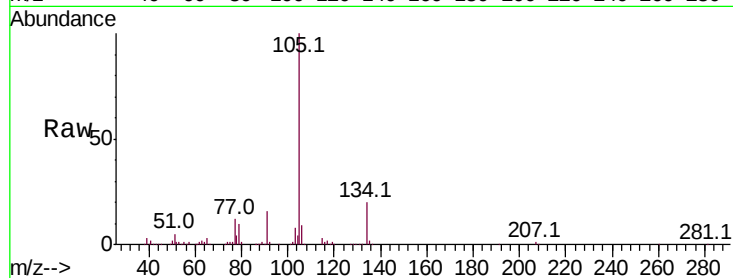
VN1125WBSD02

Tot Ion:105 Resp: 323040

Ion Ratio Lower Upper

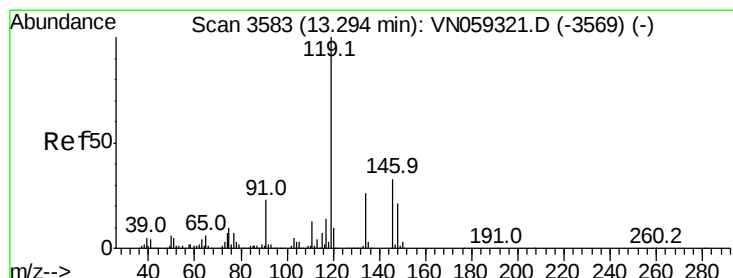
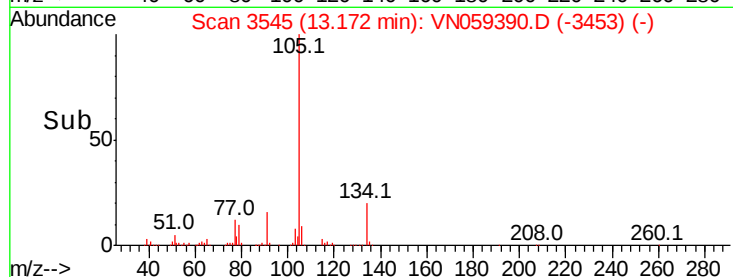
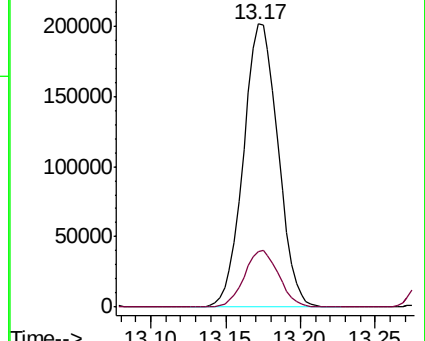
105 100

134 19.9 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.291 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

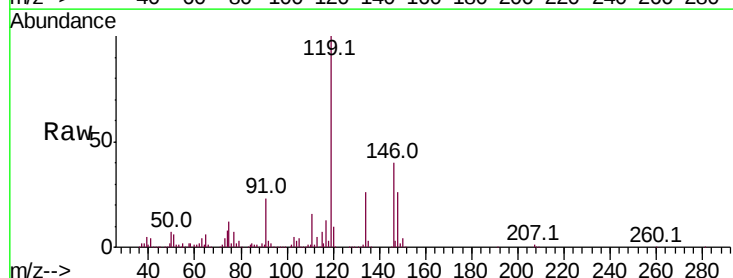
Tgt Ion:119 Resp: 290788

Ion Ratio Lower Upper

119 100

134 26.1 13.0 38.9

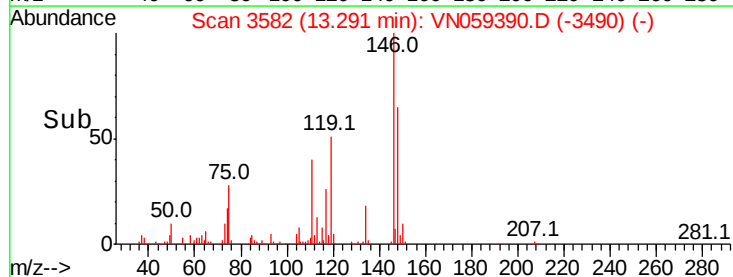
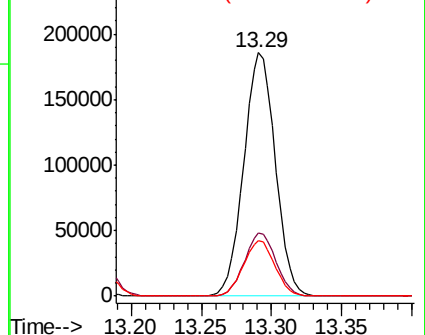
91 22.8 11.6 34.7

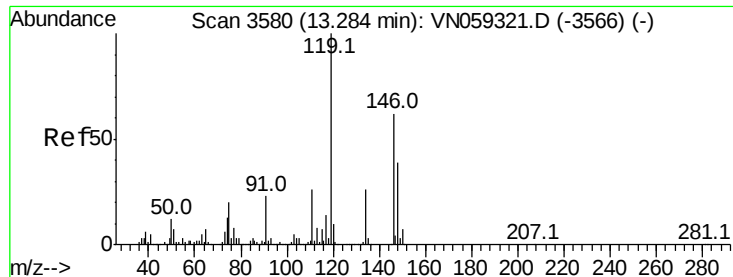


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 17.996 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

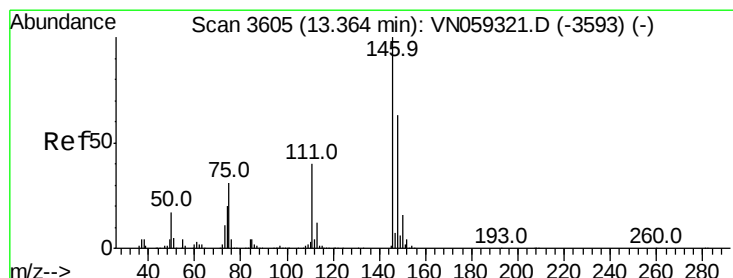
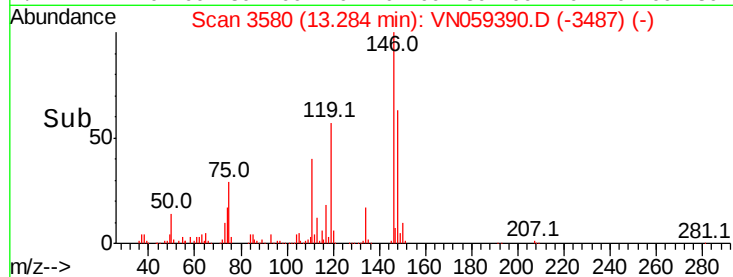
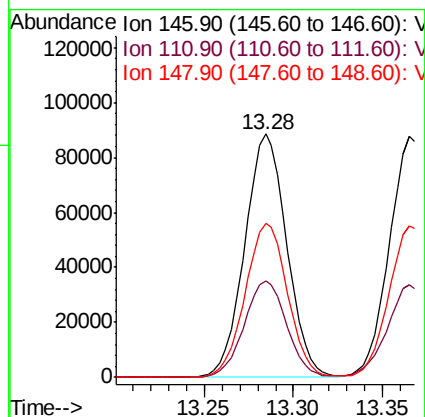
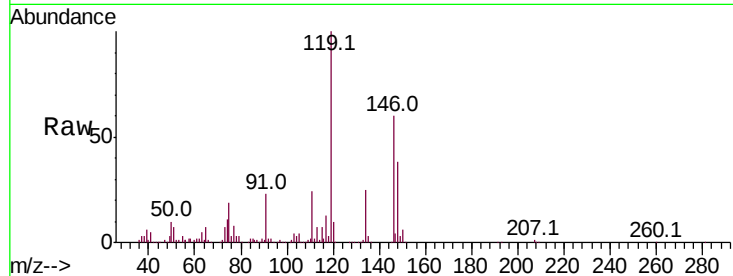
Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD02

Tot Ion:146 Resp: 145534

Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.6	61.8
148	63.7	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 18.012 ug/l

RT: 13.36 min Scan# 3605

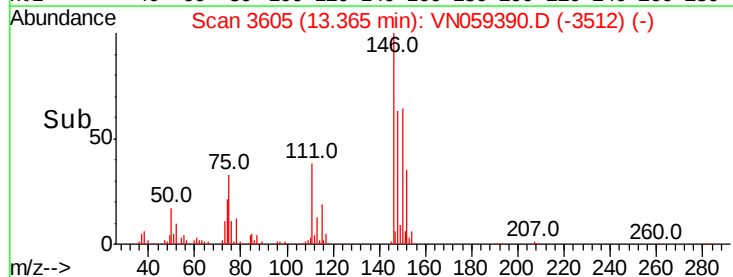
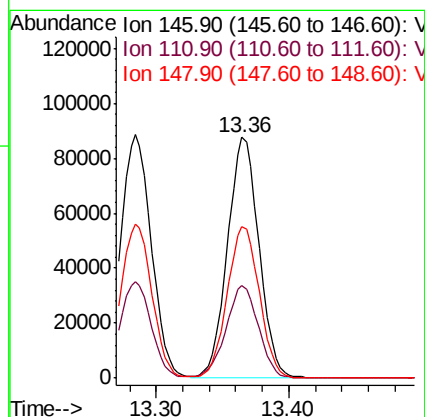
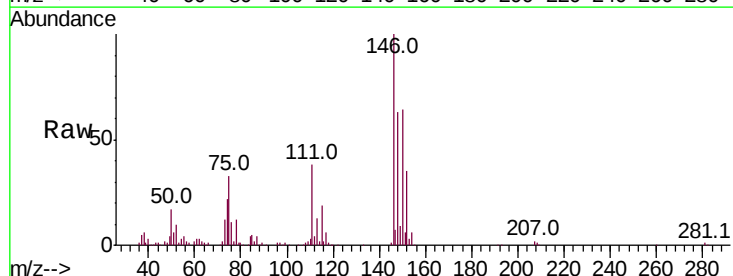
Delta R.T. 0.00 min

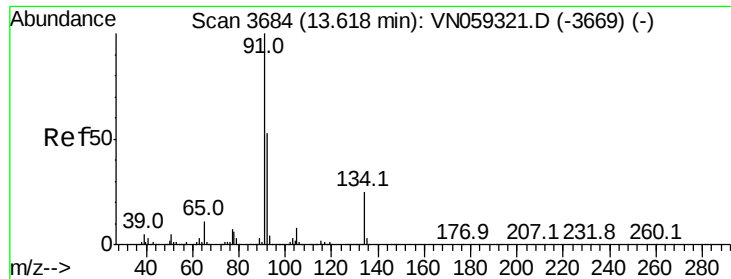
Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Tgt Ion:146 Resp: 144117

Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.1	60.3
148	64.4	31.7	95.1





#89

n-Butylbenzene

Concen: 17.758 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD02

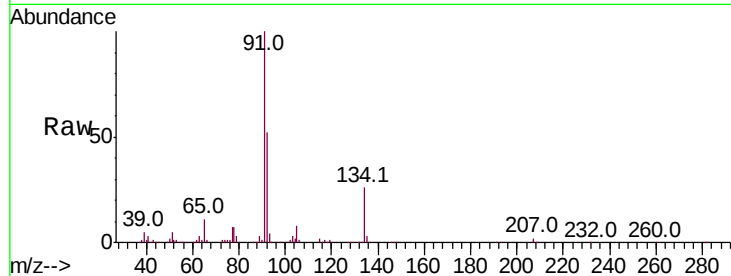
Tot Ion: 91 Resp: 247650

Ion Ratio Lower Upper

91 100

92 51.9 26.0 78.0

134 25.4 12.7 38.1

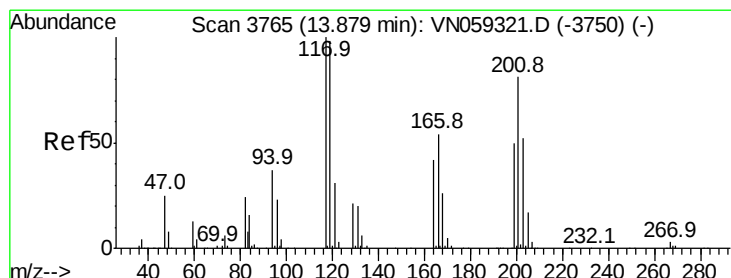
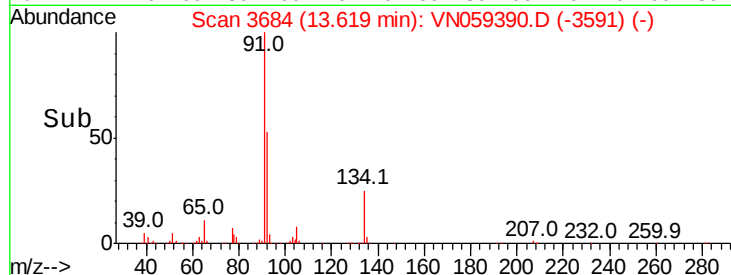


Abundance Ion 91.00 (90.70 to 91.70): VN059321.D (-3669) (-)

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

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

Time-->



#90

Hexachloroethane

Concen: 17.290 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. -0.00 min

Lab File: VN059390.D

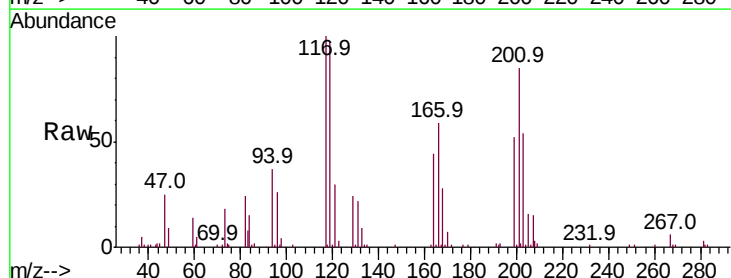
Acq: 25 Nov 2019 18:00

Tgt Ion: 117 Resp: 52056

Ion Ratio Lower Upper

117 100

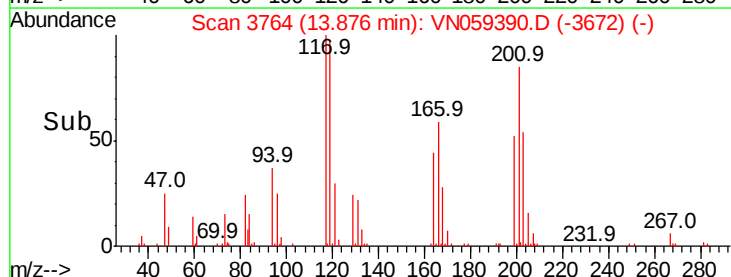
201 84.1 40.4 121.2

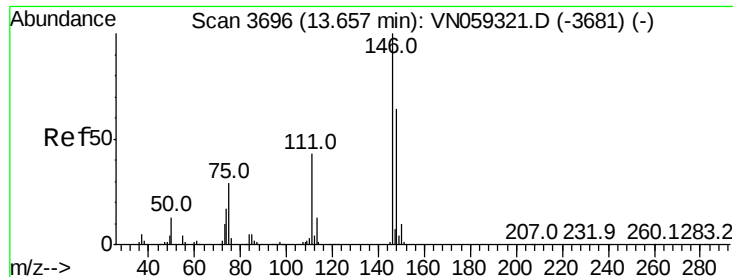


Abundance Ion 116.80 (116.50 to 117.50): VN059321.D (-3750) (-)

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

Time-->





#91

1,2-Dichlorobenzene

Concen: 18.060 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD02

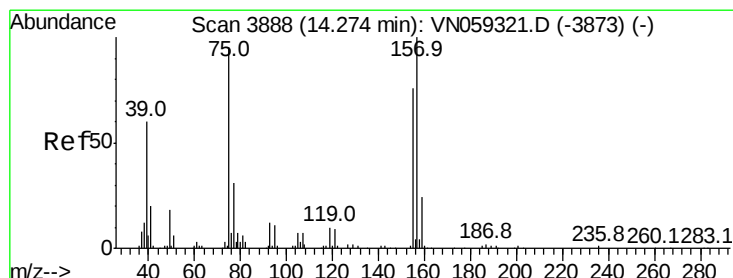
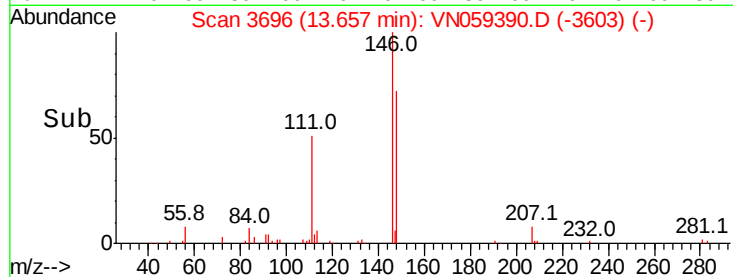
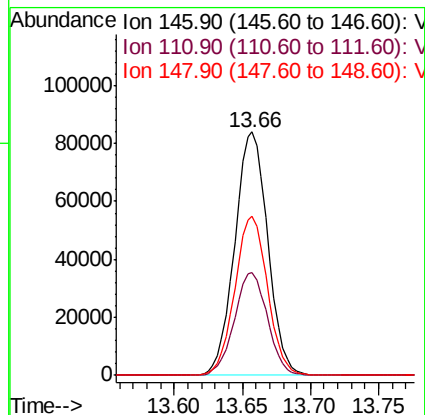
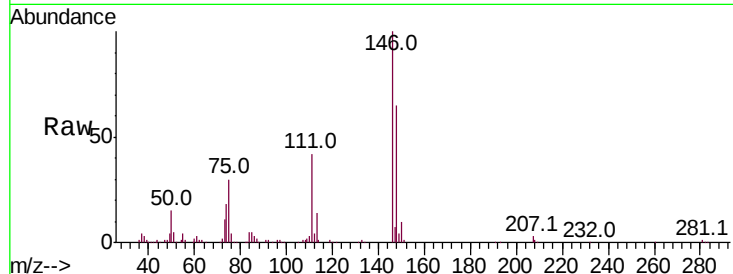
Tot Ion:146 Resp: 141306

Ion Ratio Lower Upper

146 100

111 42.2 21.3 64.0

148 64.7 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.913 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

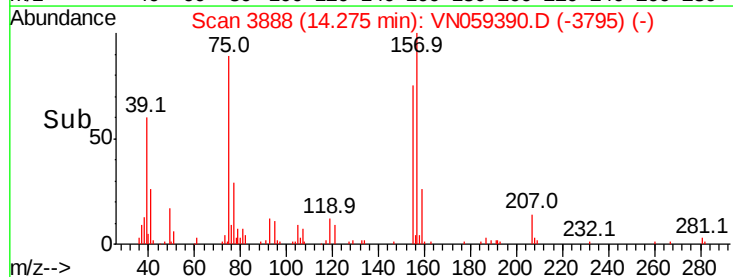
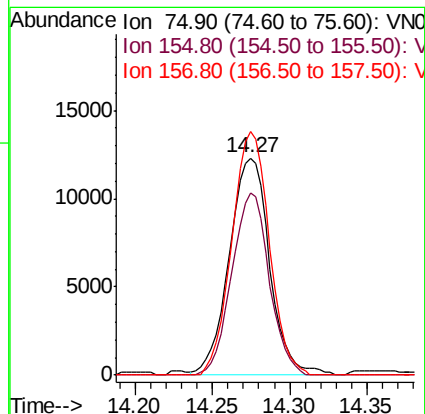
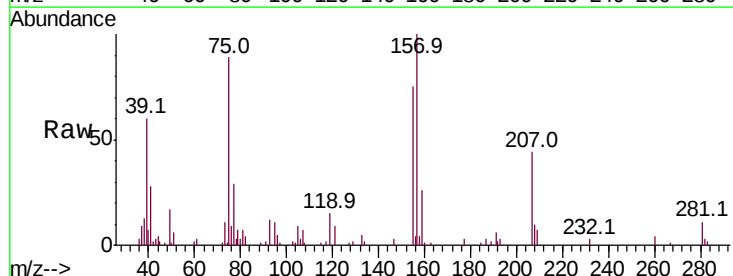
Tgt Ion: 75 Resp: 22270

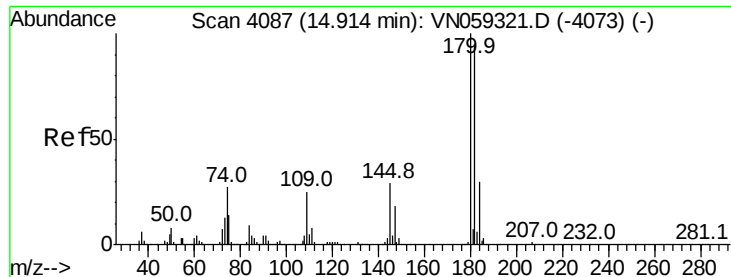
Ion Ratio Lower Upper

75 100

155 77.6 40.5 121.5

157 104.0 52.7 158.1

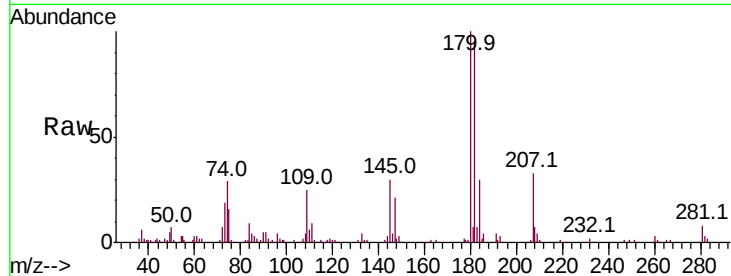




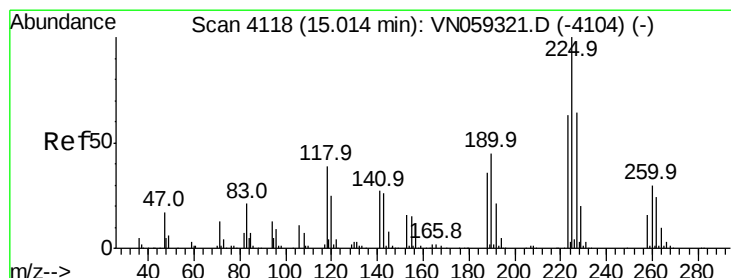
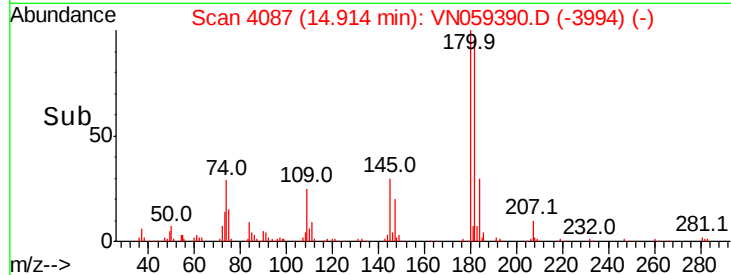
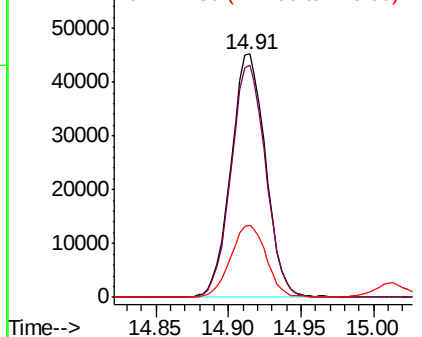
#93
 1,2,4-Trichlorobenzene
 Concen: 17.430 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059390.D
 Acq: 25 Nov 2019 18:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD02

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

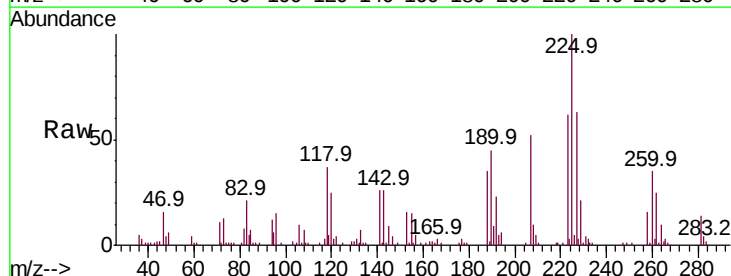


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

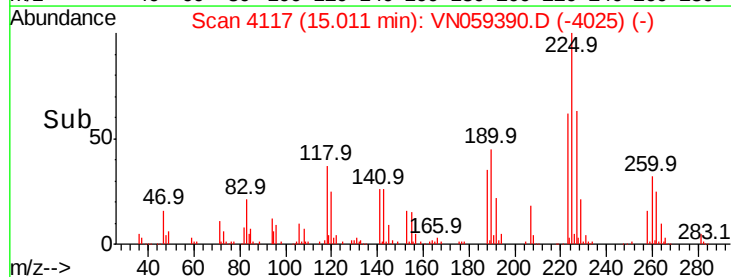
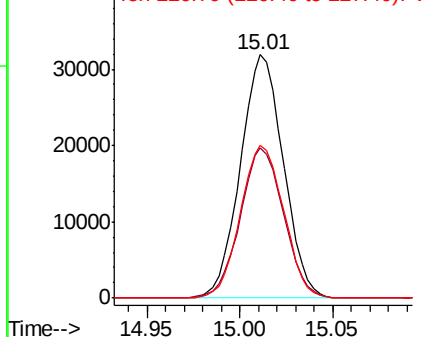


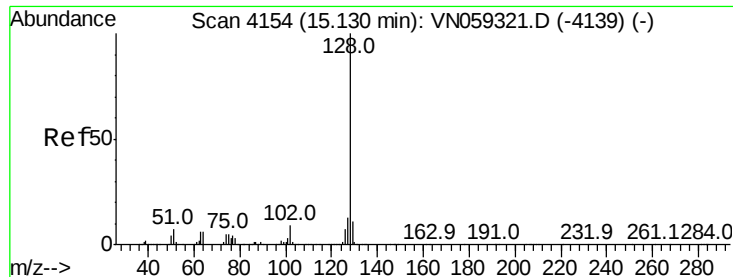
#94
 Hexachlorobutadiene
 Concen: 18.173 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN059390.D
 Acq: 25 Nov 2019 18:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.6	94.8
227	63.2	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: 16.673 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD02

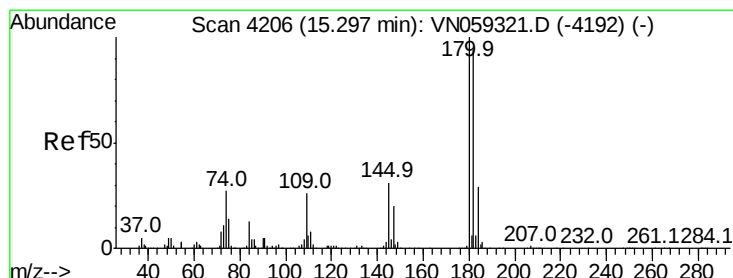
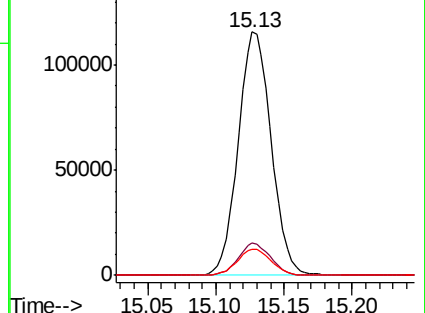
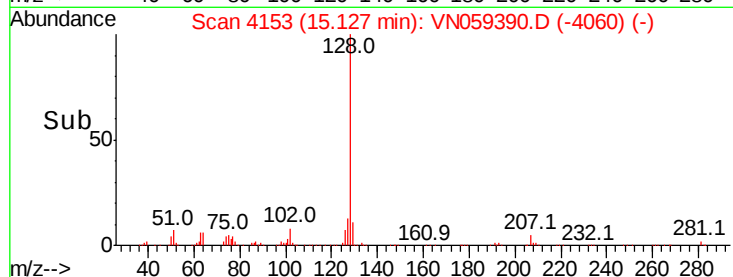
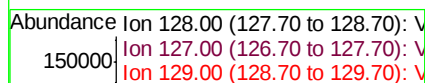
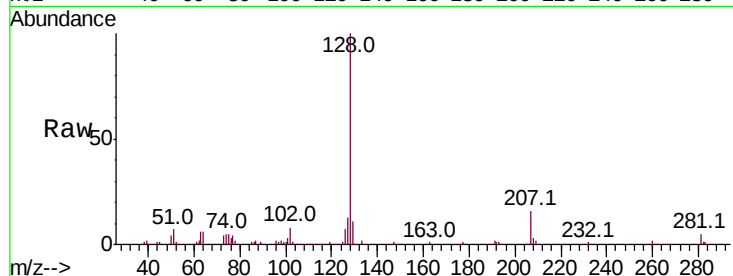
Tot Ion:128 Resp: 194285

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 17.120 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. 0.00 min

Lab File: VN059390.D

Acq: 25 Nov 2019 18:00

Tgt Ion:180 Resp: 75562

Ion Ratio Lower Upper

180 100

182 95.4 47.1 141.4

145 32.8 15.6 46.8

