

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031920\
 Data File : VN060626.D
 Acq On : 19 Mar 2020 11:02
 Operator : JC/MD
 Sample : VN0319WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBS01

Quant Time: Mar 20 01:46:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	209756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	342689	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	309139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	141794	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	131175	45.56	ug/l	0.00
Spiked Amount			Recovery	=	91.12%	
35) Dibromofluoromethane	7.56	113	97820	47.21	ug/l	0.00
Spiked Amount			Recovery	=	94.42%	
50) Toluene-d8	10.08	98	393431	46.48	ug/l	0.00
Spiked Amount			Recovery	=	92.96%	
62) 4-Bromofluorobenzene	12.40	95	139592	45.00	ug/l	0.00
Spiked Amount			Recovery	=	90.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	38659	19.048	ug/l	97
3) Chloromethane	2.04	50	65334	17.236	ug/l	98
4) Vinyl Chloride	2.16	62	53469	18.034	ug/l	98
5) Bromomethane	2.55	94	25282	19.754	ug/l	100
6) Chloroethane	2.68	64	30907	18.097	ug/l	98
7) Trichlorofluoromethane	3.00	101	68867	18.856	ug/l	99
8) Diethyl Ether	3.38	74	27975	19.067	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	40967	19.358	ug/l	99
10) Methyl Iodide	3.92	142	35916	19.073	ug/l	99
11) Tert butyl alcohol	4.72	59	37350	88.198	ug/l	97
12) 1,1-Dichloroethene	3.71	96	41719	18.370	ug/l	99
13) Acrolein	3.58	56	33861	72.146	ug/l	99
14) Allyl chloride	4.29	41	77556	19.417	ug/l	95
15) Acrylonitrile	4.94	53	109090	87.603	ug/l	100
16) Acetone	3.78	43	96109	94.227	ug/l	99
17) Carbon Disulfide	4.03	76	126578	18.327	ug/l	100
18) Methyl Acetate	4.29	43	49778	17.339	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	140775	18.030	ug/l	98
20) Methylene Chloride	4.52	84	45306	18.057	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	44549	18.406	ug/l	97
22) Diisopropyl ether	5.91	45	157860	18.707	ug/l	98
23) Vinyl Acetate	5.86	43	639556	92.889	ug/l	100
24) 1,1-Dichloroethane	5.81	63	85292	18.541	ug/l	99
25) 2-Butanone	6.80	43	146546	88.790	ug/l	99
26) 2,2-Dichloropropane	6.79	77	73984	20.441	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	51519	18.731	ug/l	99
28) Bromochloromethane	7.17	49	41904	19.039	ug/l	99
29) Tetrahydrofuran	7.18	42	98500	84.348	ug/l	99
30) Chloroform	7.34	83	81566	18.495	ug/l	98
31) Cyclohexane	7.63	56	85249	18.382	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	70678	18.591	ug/l	98
36) 1,1-Dichloropropene	7.77	75	64843	19.541	ug/l	99
37) Ethyl Acetate	6.89	43	66025	18.415	ug/l	99
38) Carbon Tetrachloride	7.75	117	55715	18.734	ug/l	97

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

39) Methylcyclohexane	9.06	83	76653	19.438	ug/l	98
40) Benzene	8.02	78	190541	19.022	ug/l	100
41) Methacrylonitrile	7.18	41	90168	58.926	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	65453	19.119	ug/l	100
43) Isopropyl Acetate	8.14	43	107737	18.220	ug/l	100
44) Trichloroethene	8.82	130	49090	19.440	ug/l	100
45) 1,2-Dichloropropane	9.10	63	51887	19.630	ug/l	97
46) Dibromomethane	9.19	93	30340	18.987	ug/l	100
47) Bromodichloromethane	9.38	83	62680	18.876	ug/l	100
48) Methyl methacrylate	9.18	41	46913	17.819	ug/l	99
49) 1,4-Dioxane	9.18	88	12742	407.186	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	302719	89.965	ug/l	100
52) Toluene	10.14	92	114540	18.933	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	73323	19.223	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	80432	19.222	ug/l	97
55) 1,1,2-Trichloroethane	10.55	97	44262	19.018	ug/l	99
56) Ethyl methacrylate	10.42	69	66191	18.240	ug/l	97
57) 1,3-Dichloropropane	10.70	76	77677	19.233	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	162100	89.875	ug/l	100
59) 2-Hexanone	10.74	43	213926	88.258	ug/l	100
60) Dibromochloromethane	10.89	129	44847	18.655	ug/l	100
61) 1,2-Dibromoethane	10.99	107	43573	18.618	ug/l	100
64) Tetrachloroethene	10.62	164	48349	19.875	ug/l	99
65) Chlorobenzene	11.42	112	115455	18.839	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	42753	19.268	ug/l	99
67) Ethyl Benzene	11.50	91	220622	19.358	ug/l	99
68) m/p-Xylenes	11.61	106	162513	38.373	ug/l	99
69) o-Xylene	11.94	106	78504	19.418	ug/l	99
70) Styrene	11.96	104	123055	18.611	ug/l	99
71) Bromoform	12.12	173	30882	17.863	ug/l #	99
73) Isopropylbenzene	12.24	105	207029	19.456	ug/l	100
74) N-amyl acetate	12.06	43	88971	18.094	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	59005	18.336	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	79221	25.892	ug/l #	100
77) Bromobenzene	12.52	156	48004	18.721	ug/l	99
78) n-propylbenzene	12.59	91	242565	19.294	ug/l	99
79) 2-Chlorotoluene	12.67	91	142504	18.971	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	173322	19.193	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	21516	18.061	ug/l	97
82) 4-Chlorotoluene	12.77	91	146138	19.102	ug/l	100
83) tert-Butylbenzene	12.99	119	143618	19.185	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	172484	19.307	ug/l	99
85) sec-Butylbenzene	13.17	105	193416	19.214	ug/l	100
86) p-Isopropyltoluene	13.28	119	172505	19.057	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	85039	18.804	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	85063	18.722	ug/l	99
89) n-Butylbenzene	13.61	91	155398	19.015	ug/l	100
90) Hexachloroethane	13.87	117	24396	18.541	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	82520	19.083	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11044	16.204	ug/l	98

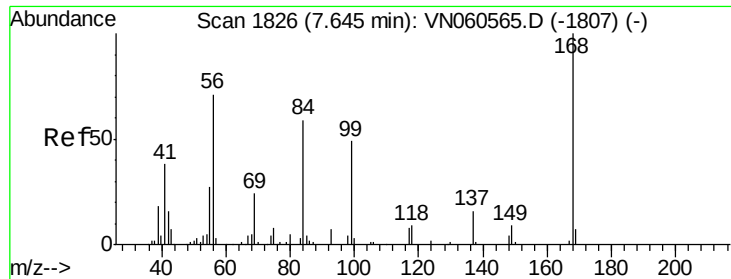
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	47409	17.853	ug/l	99
94) Hexachlorobutadiene	15.01	225	24054	18.478	ug/l	99
95) Naphthalene	15.13	128	133226	16.680	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	45468	17.383	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

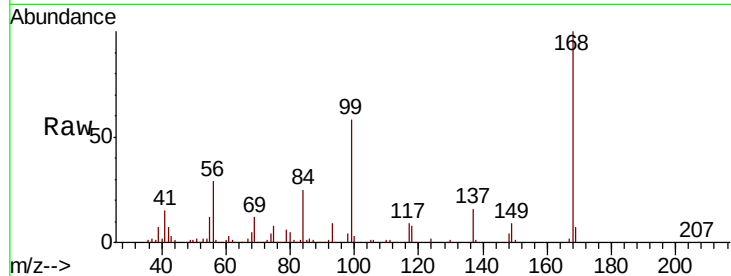
VN0319WBS01

Tot Ion:168 Resp: 209756

Ion Ratio Lower Upper

168 100

99 58.2 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

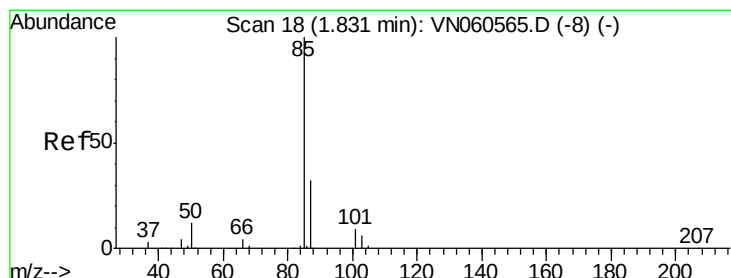
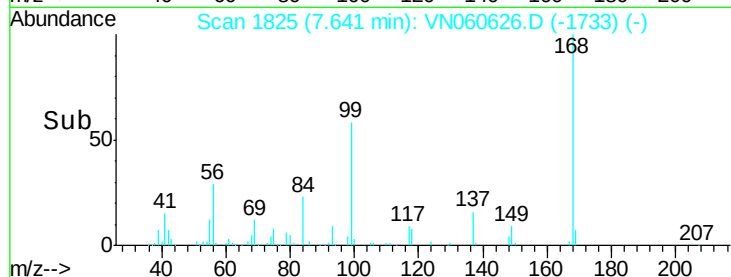
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.048 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060626.D

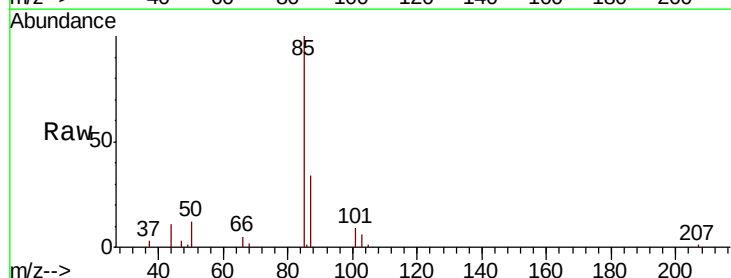
Acq: 19 Mar 2020 11:02

Tgt Ion: 85 Resp: 38659

Ion Ratio Lower Upper

85 100

87 33.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

30000

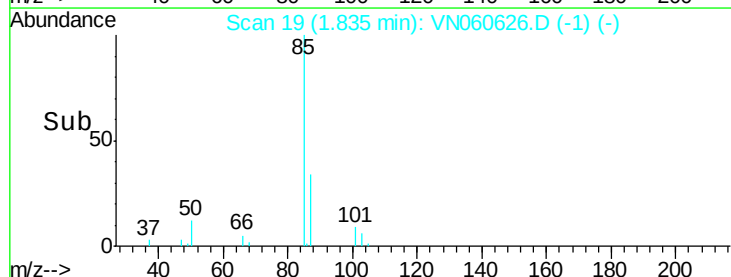
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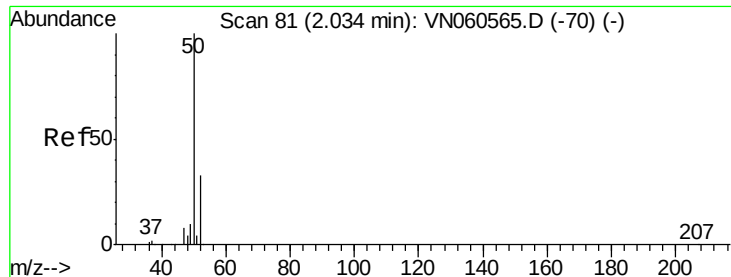
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 17.236 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampled :

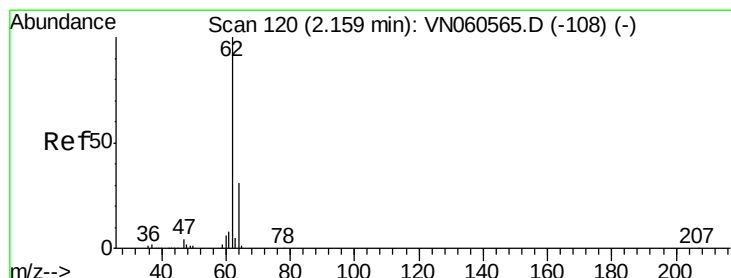
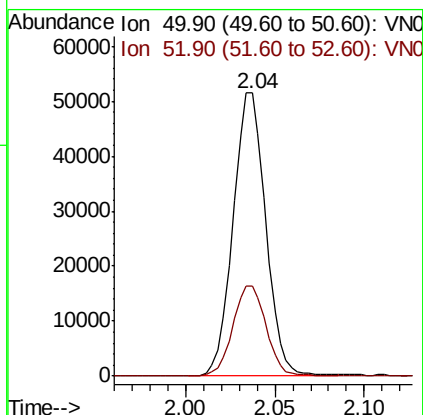
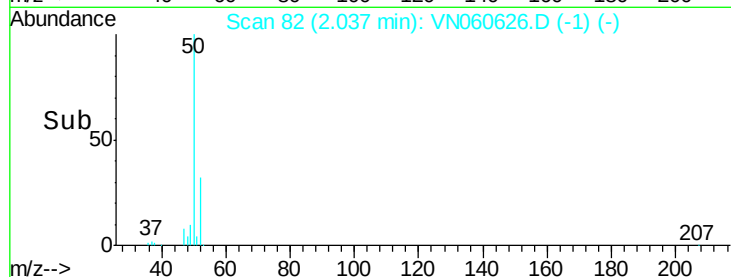
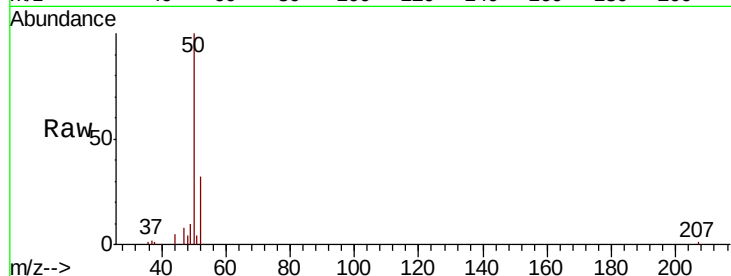
VN0319WBS01

Tot Ion: 50 Resp: 65334

Ion Ratio Lower Upper

50 100

52 31.8 26.2 39.2



#4

Vinyl Chloride

Concen: 18.034 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN060626.D

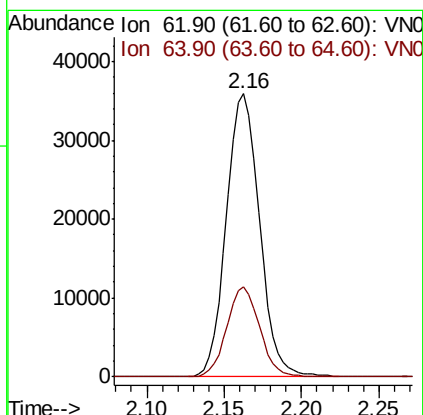
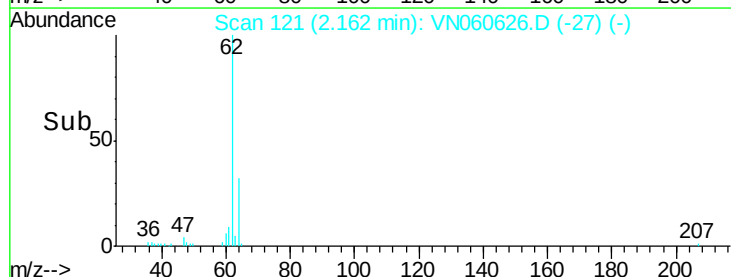
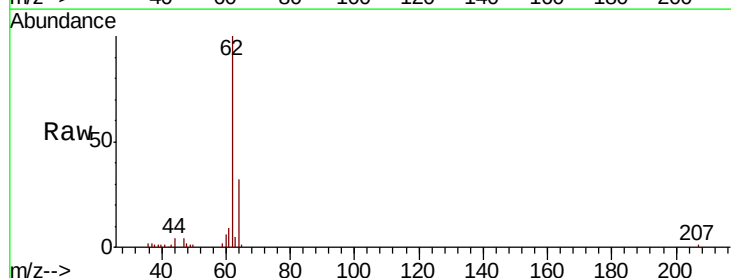
Acq: 19 Mar 2020 11:02

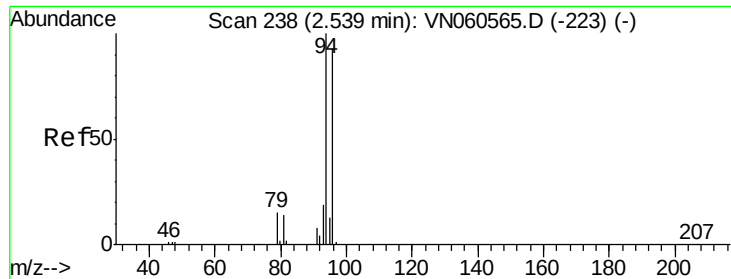
Tgt Ion: 62 Resp: 53469

Ion Ratio Lower Upper

62 100

64 31.8 24.7 37.1





#5

Bromomethane

Concen: 19.754 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampled :

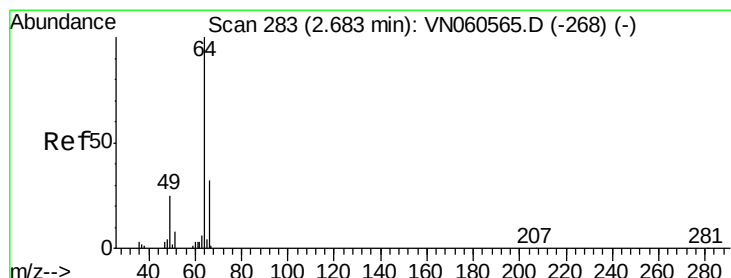
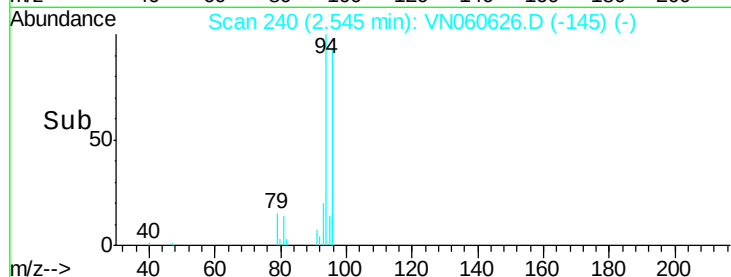
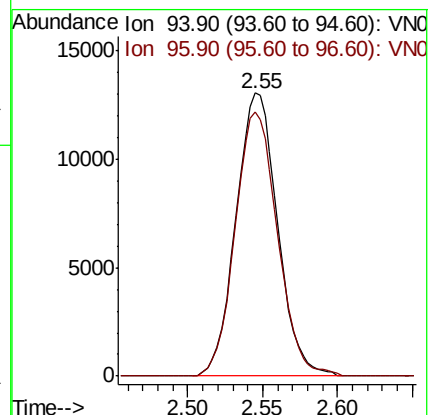
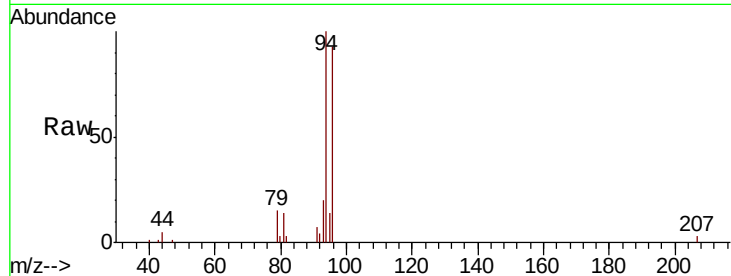
VN0319WBS01

Tot Ion: 94 Resp: 25282

Ion Ratio Lower Upper

94 100

96 93.4 74.6 112.0



#6

Chloroethane

Concen: 18.097 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN060626.D

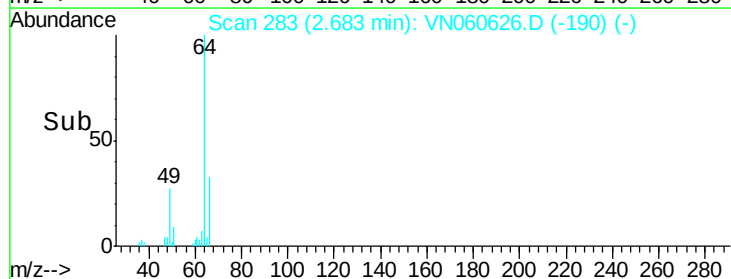
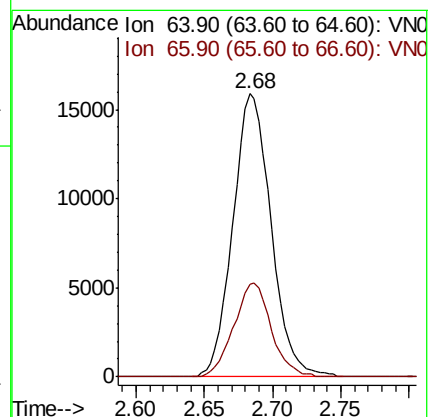
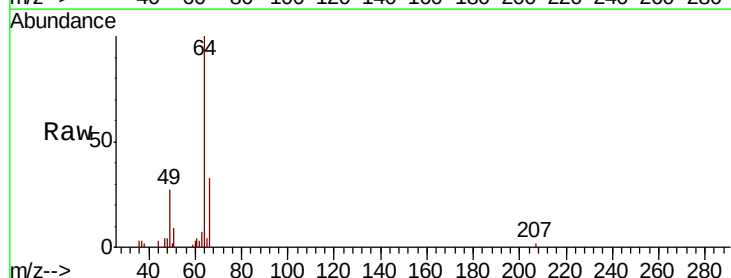
Acq: 19 Mar 2020 11:02

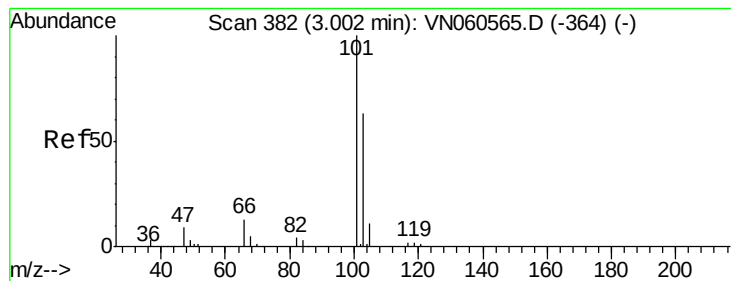
Tgt Ion: 64 Resp: 30907

Ion Ratio Lower Upper

64 100

66 32.6 25.3 37.9



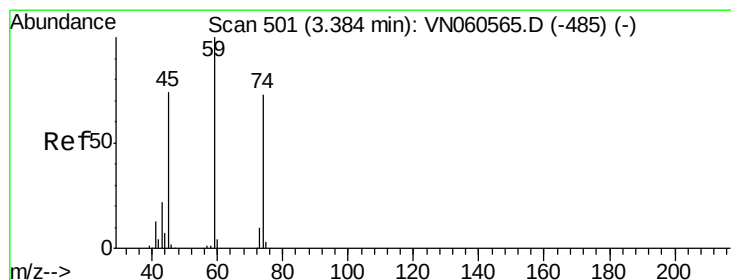
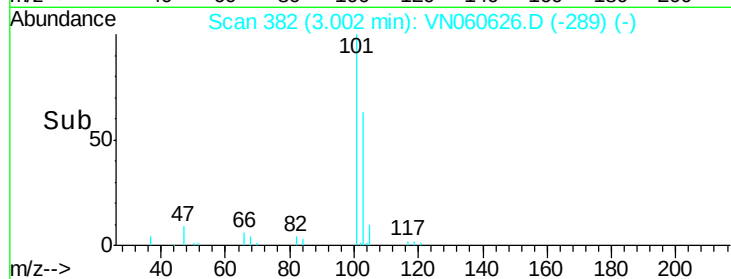
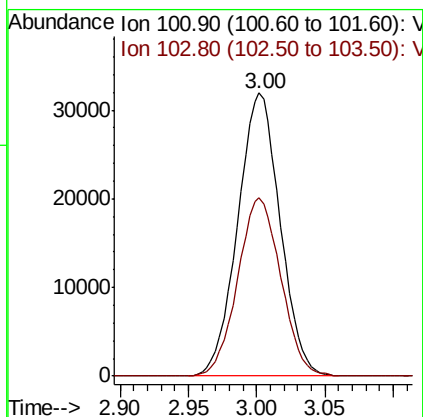
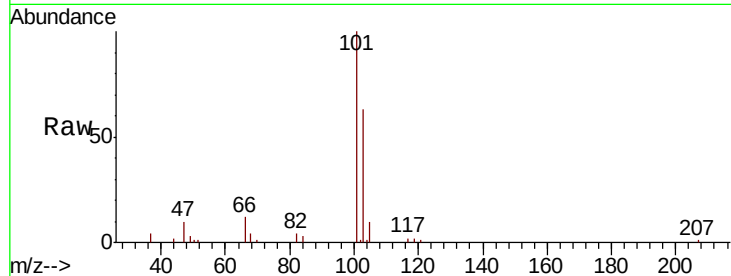


#7

Trichlorofluoromethane
 Concen: 18.856 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VN060626.D
 Acq: 19 Mar 2020 11:02

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 VN0319WBS01

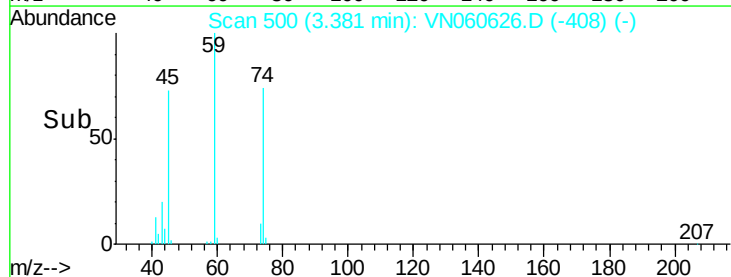
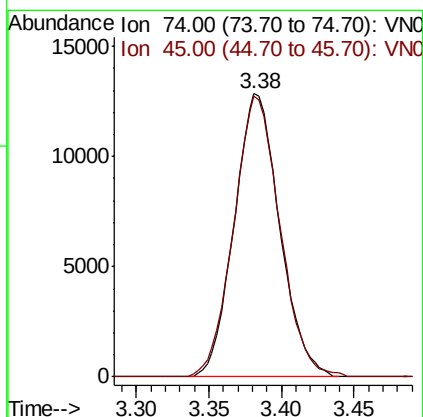
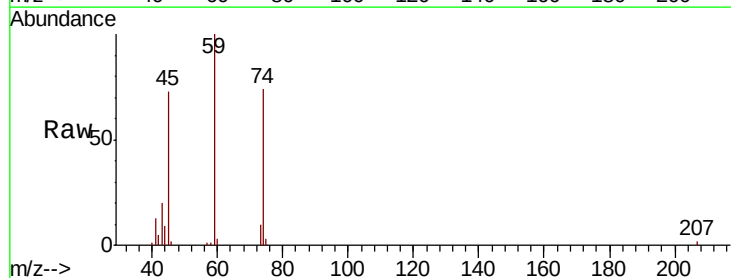
Tot Ion:101 Resp: 68867
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.6 76.0

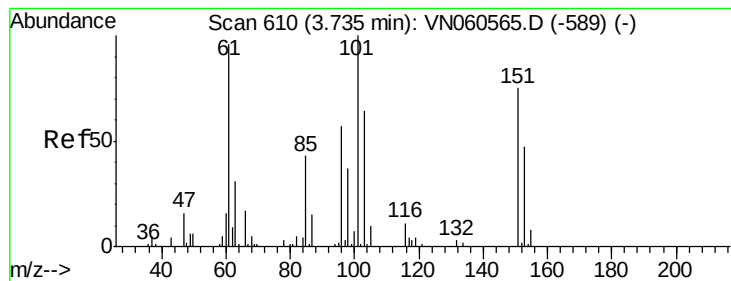


#8

Diethyl Ether
 Concen: 19.067 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: VN060626.D
 Acq: 19 Mar 2020 11:02

Tgt Ion: 74 Resp: 27975
 Ion Ratio Lower Upper
 74 100
 45 100.7 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.358 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBS01

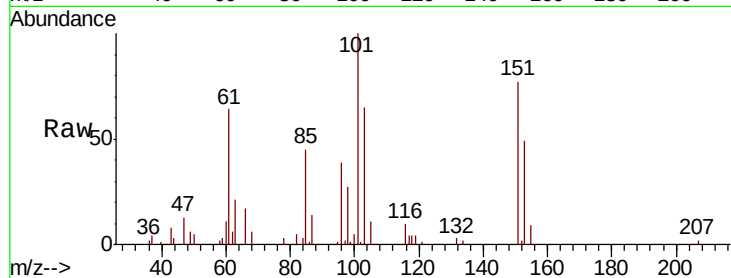
Tot Ion:101 Resp: 40967

Ion Ratio Lower Upper

101 100

85 44.8 35.6 53.4

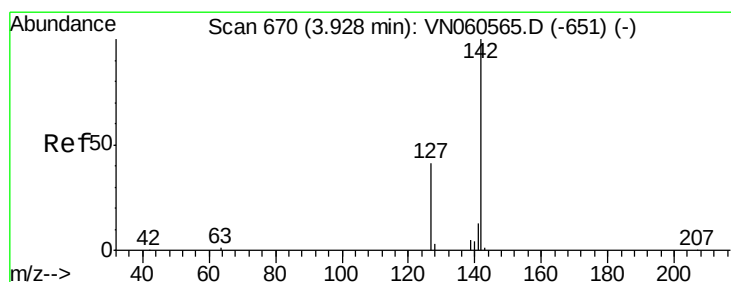
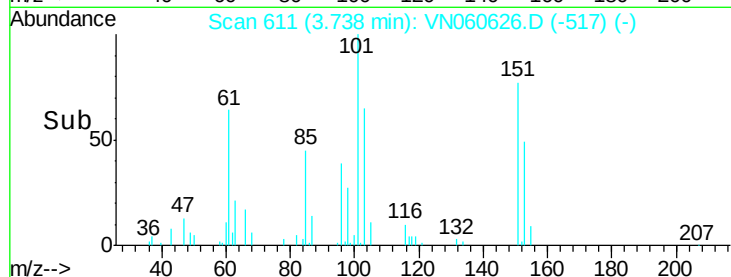
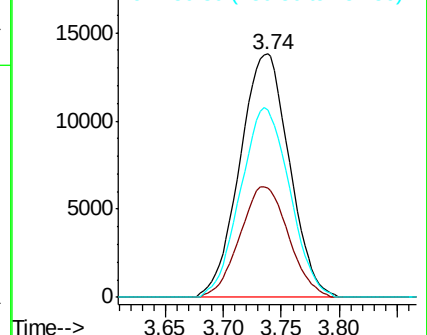
151 77.4 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.073 ug/l

RT: 3.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

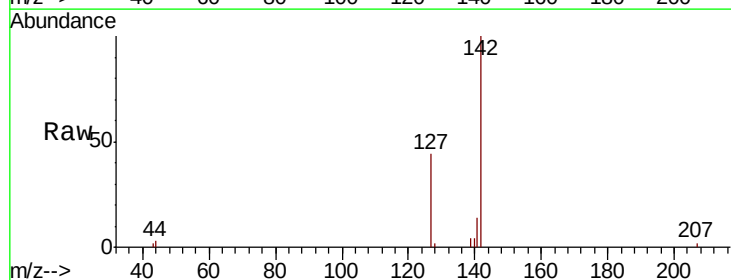
Tgt Ion:142 Resp: 35916

Ion Ratio Lower Upper

142 100

127 42.3 33.5 50.3

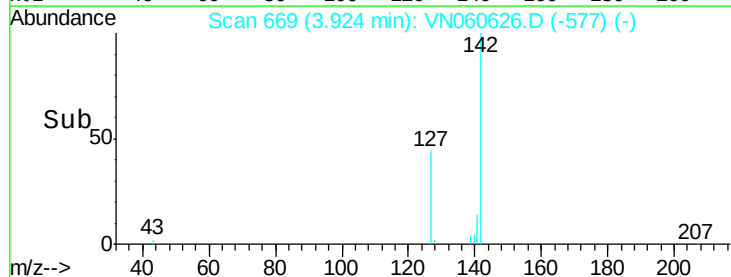
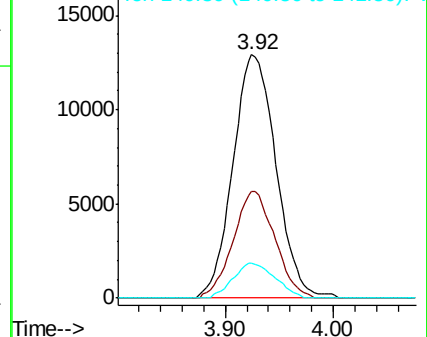
141 13.9 11.0 16.6

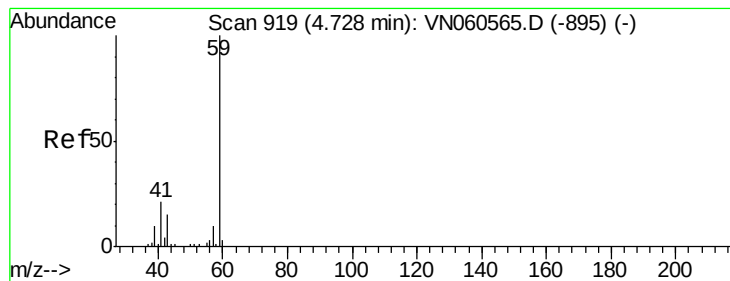


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



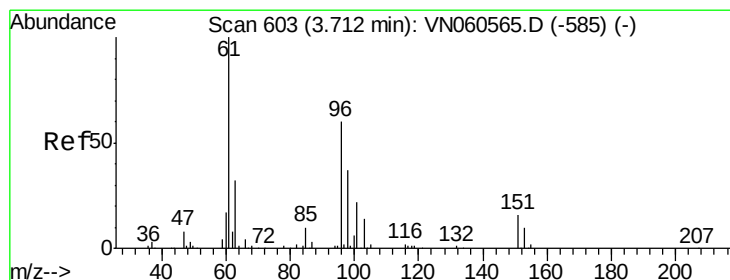
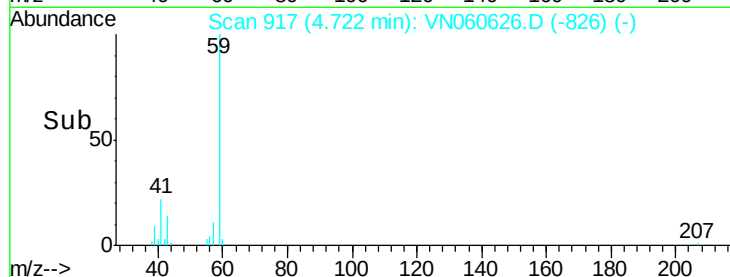
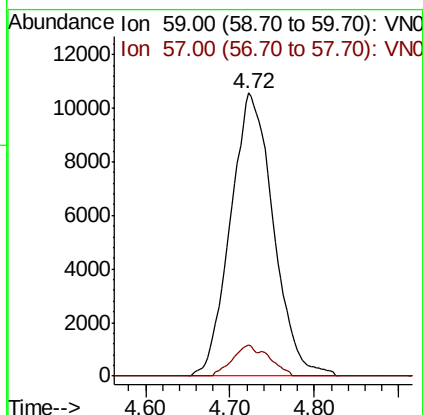
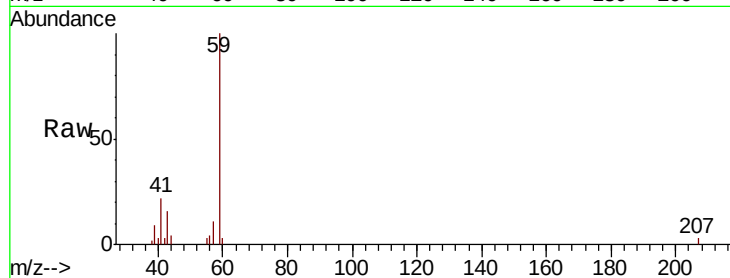


#11

Tert butyl alcohol
Concen: 88.198 ug/l
RT: 4.72 min Scan# 917
Delta R.T. -0.01 min
Lab File: VN060626.D
Acq: 19 Mar 2020 11:02

Instrument :
MSVOA_N
ClientSampled :
VN0319WBS01

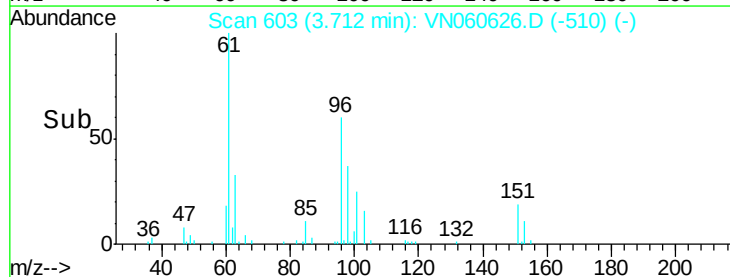
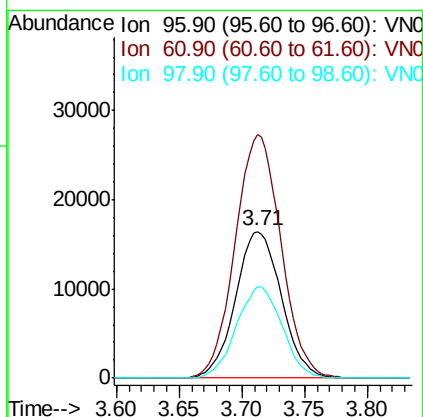
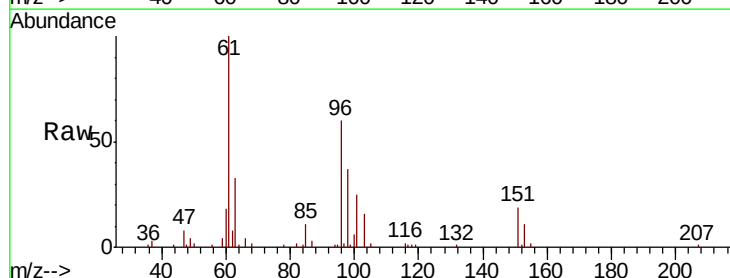
Tot Ion: 59 Resp: 37350
Ion Ratio Lower Upper
59 100
57 9.3 8.2 12.4

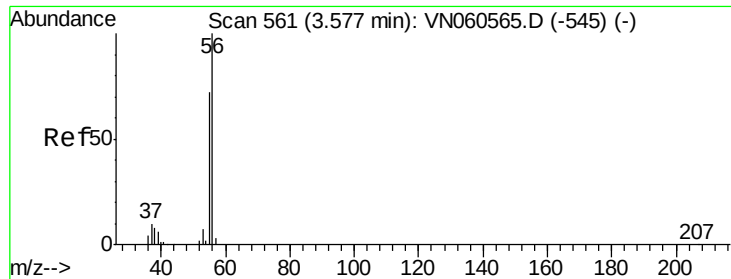


#12

1,1-Dichloroethene
Concen: 18.370 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN060626.D
Acq: 19 Mar 2020 11:02

Tgt Ion: 96 Resp: 41719
Ion Ratio Lower Upper
96 100
61 166.4 134.1 201.1
98 62.3 49.9 74.9





#13

Acrolein

Concen: 72.146 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

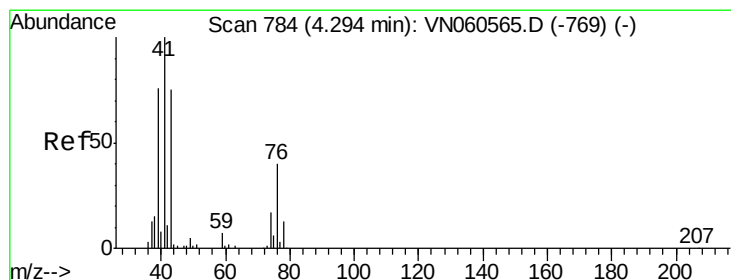
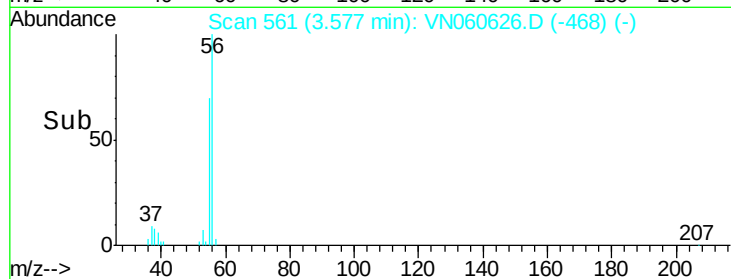
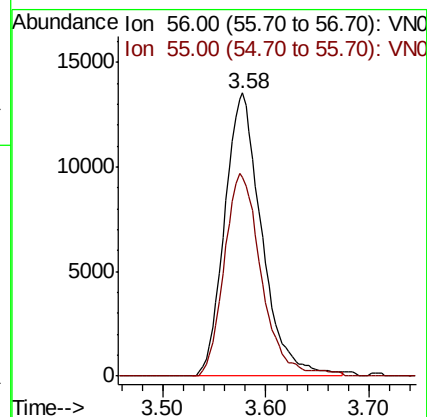
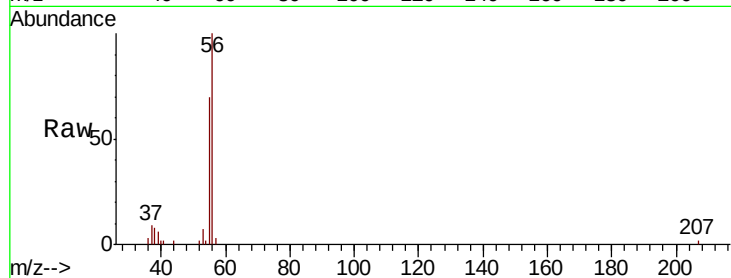
VN0319WBS01

Tot Ion: 56 Resp: 33861

Ion Ratio Lower Upper

56 100

55 72.0 56.7 85.1



#14

Allyl chloride

Concen: 19.417 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

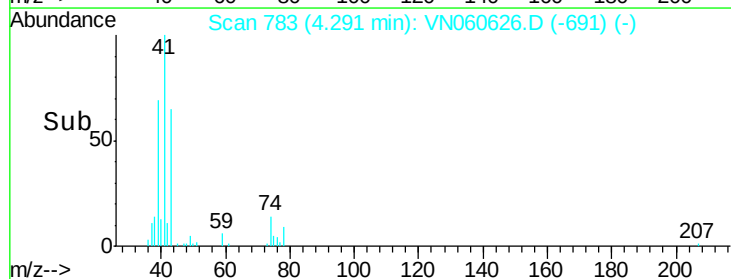
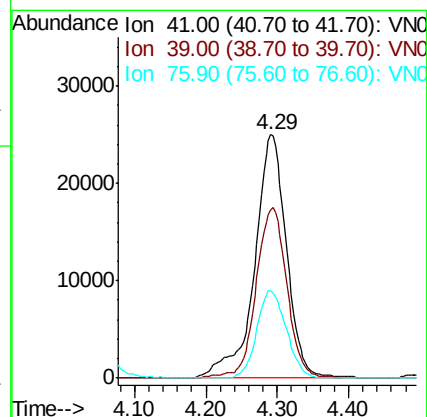
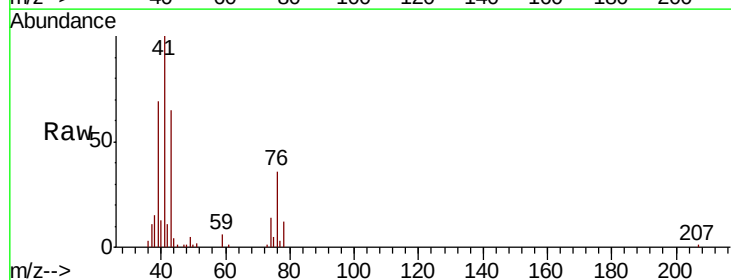
Tgt Ion: 41 Resp: 77556

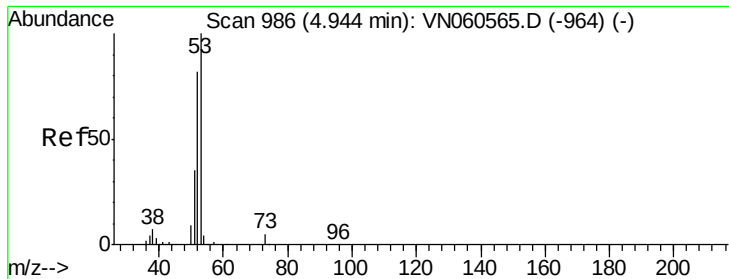
Ion Ratio Lower Upper

41 100

39 67.7 57.8 86.8

76 33.1 28.6 43.0





#15

Acrylonitrile

Concen: 87.603 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBS01

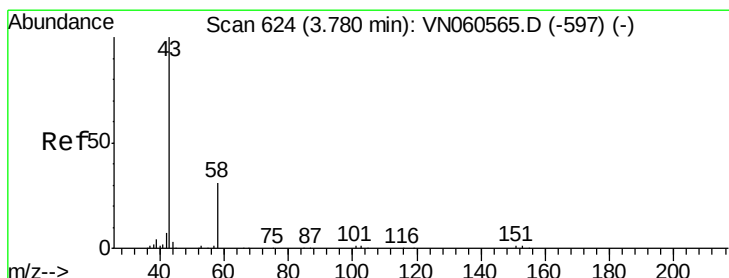
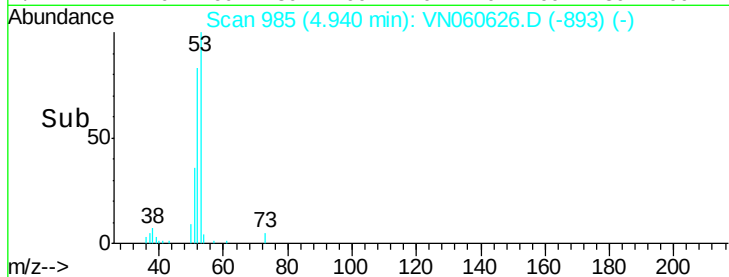
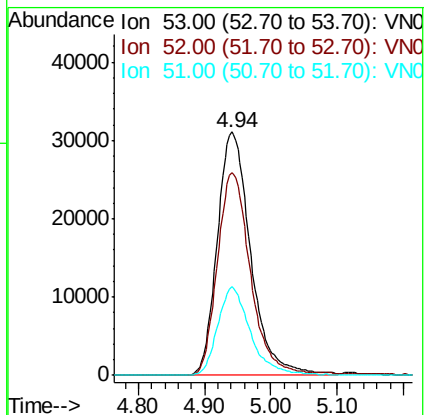
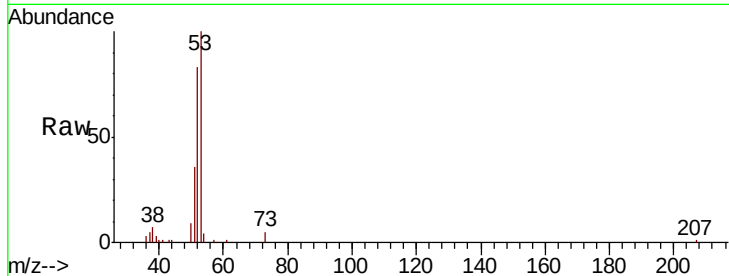
Tot Ion: 53 Resp: 109090

Ion Ratio Lower Upper

53 100

52 82.8 66.2 99.4

51 35.7 28.7 43.1



#16

Acetone

Concen: 94.227 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060626.D

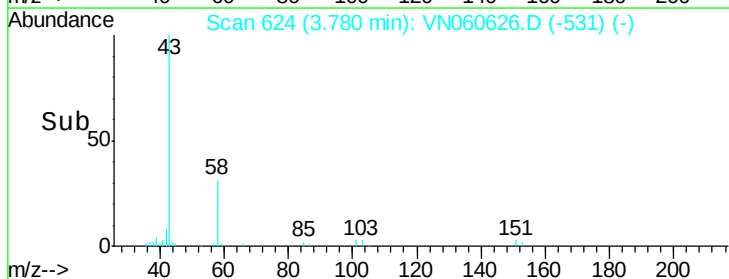
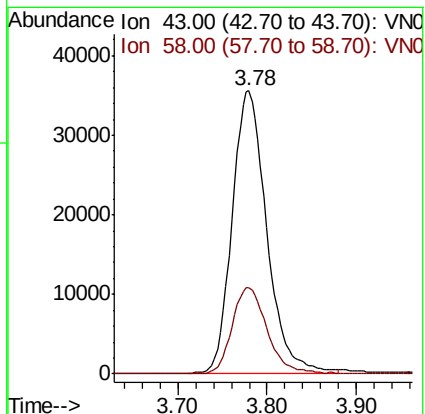
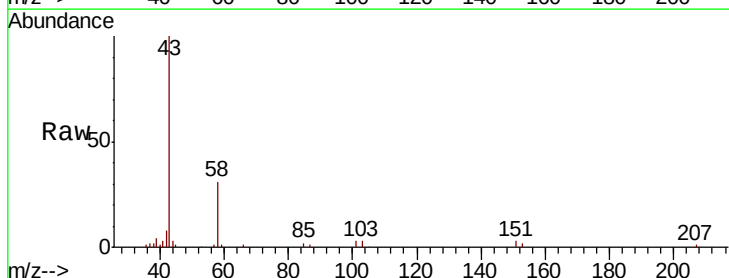
Acq: 19 Mar 2020 11:02

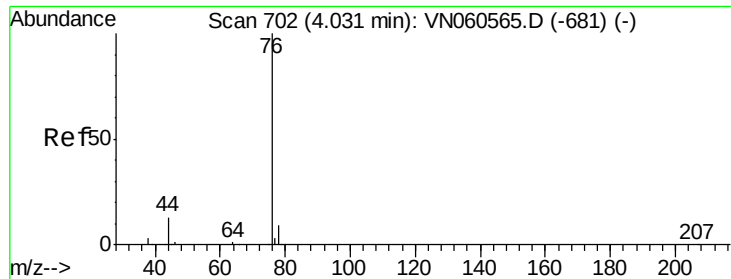
Tgt Ion: 43 Resp: 96109

Ion Ratio Lower Upper

43 100

58 30.7 25.1 37.7

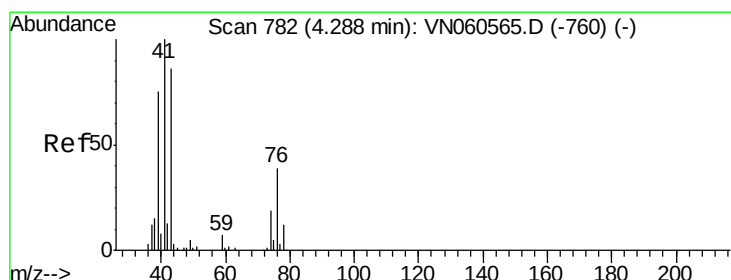
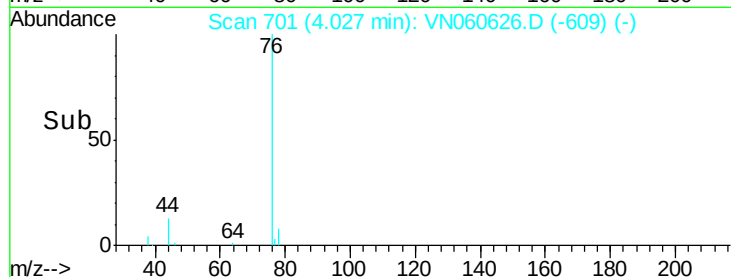
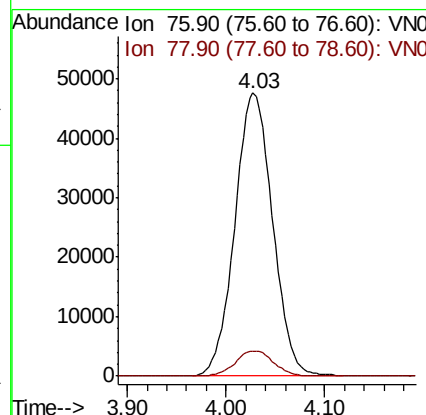
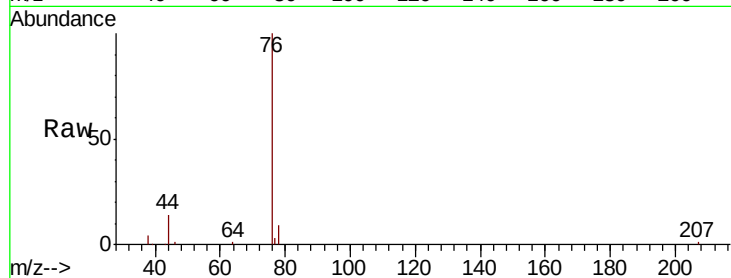




#17
Carbon Disulfide
Concen: 18.327 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN060626.D
Acq: 19 Mar 2020 11:02

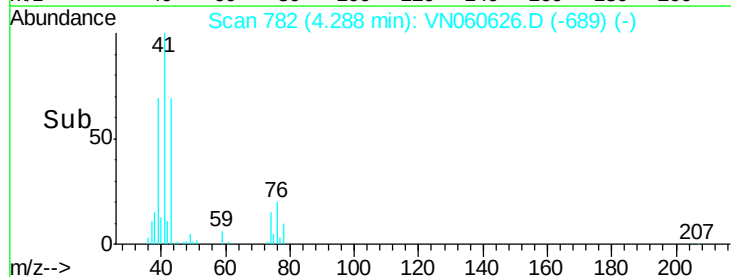
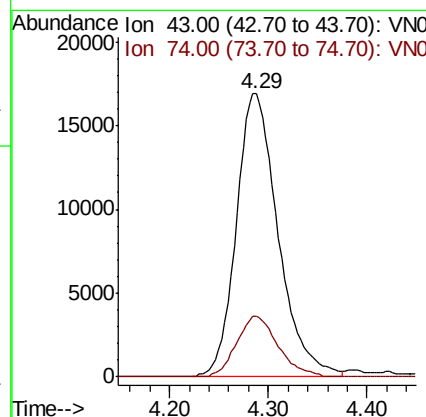
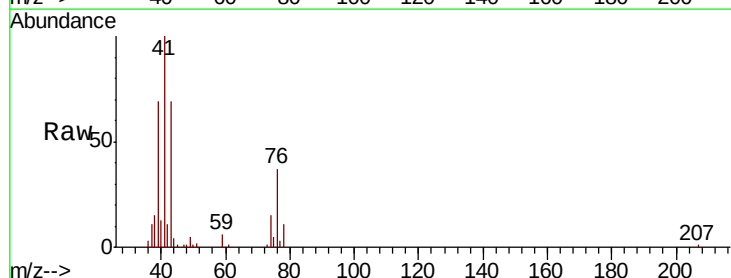
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBS01

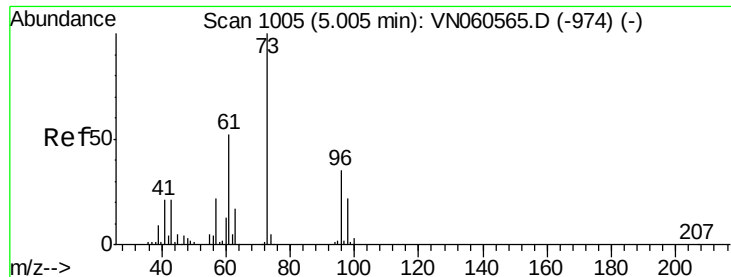
Tot Ion: 76 Resp: 126578
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 17.339 ug/l
RT: 4.29 min Scan# 782
Delta R.T. -0.00 min
Lab File: VN060626.D
Acq: 19 Mar 2020 11:02

Tgt Ion: 43 Resp: 49778
Ion Ratio Lower Upper
43 100
74 21.2 17.5 26.3

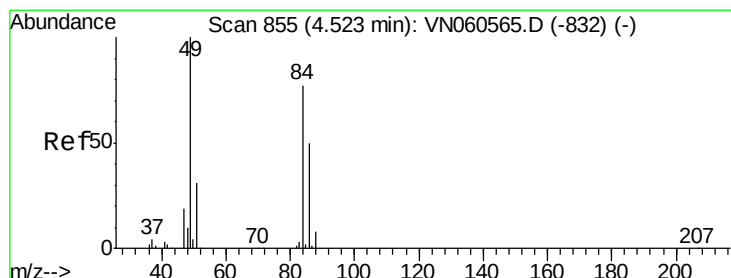
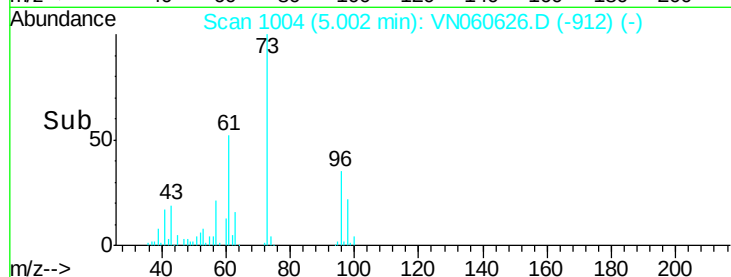
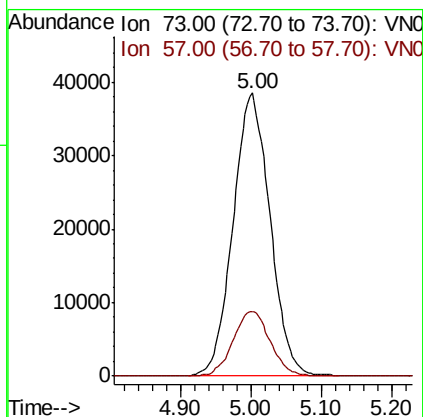
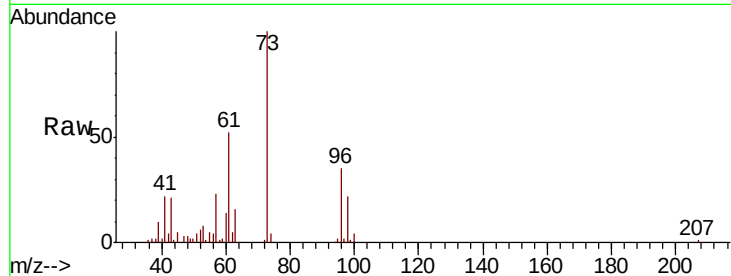




#19
Methyl tert-butyl Ether
Concen: 18.030 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060626.D
Acq: 19 Mar 2020 11:02

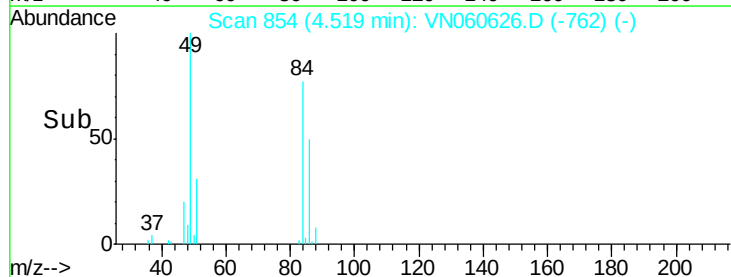
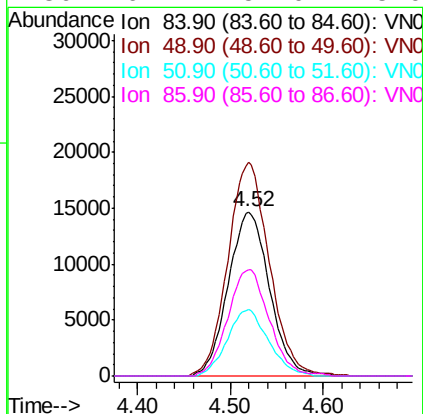
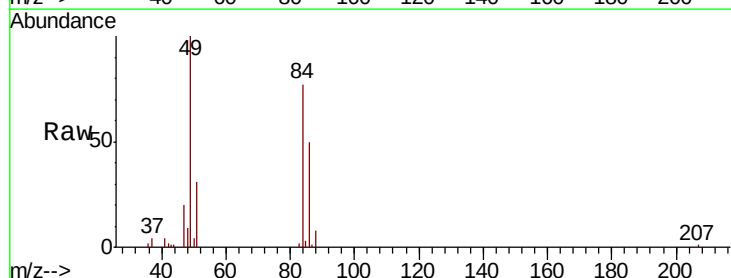
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBS01

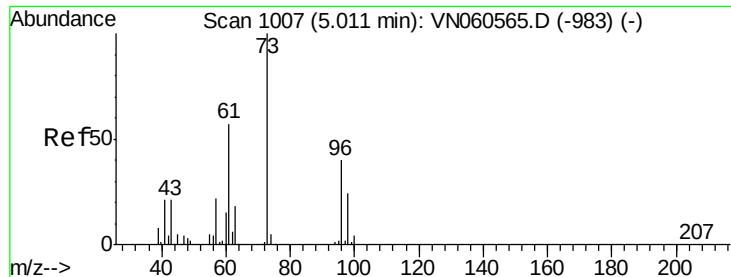
Tot Ion: 73 Resp: 140775
Ion Ratio Lower Upper
73 100
57 22.8 17.5 26.3



#20
Methylene Chloride
Concen: 18.057 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060626.D
Acq: 19 Mar 2020 11:02

Tgt Ion: 84 Resp: 45306
Ion Ratio Lower Upper
84 100
49 130.0 103.3 154.9
51 40.4 31.6 47.4
86 64.7 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 18.406 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampled :

VN0319WBS01

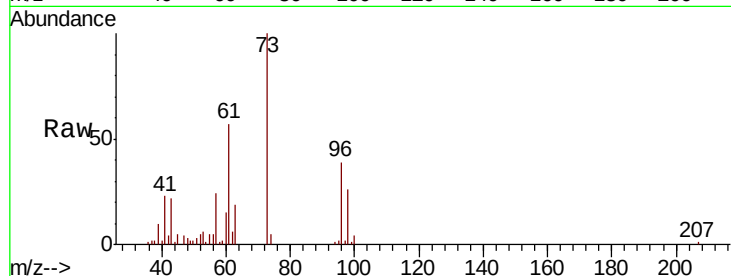
Tot Ion: 96 Resp: 44549

Ion Ratio Lower Upper

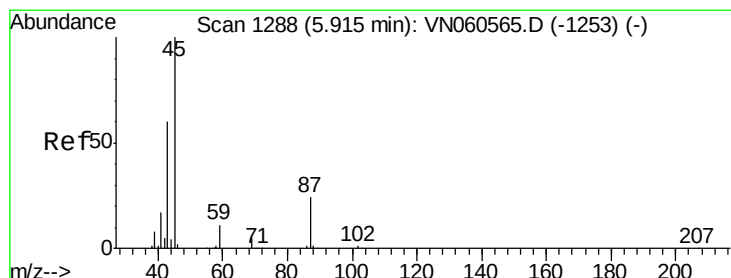
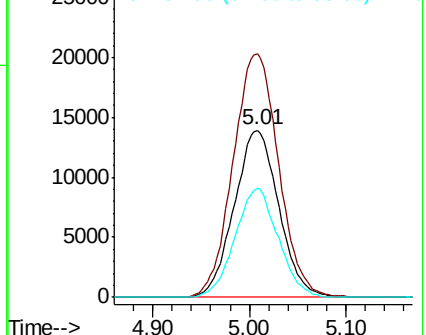
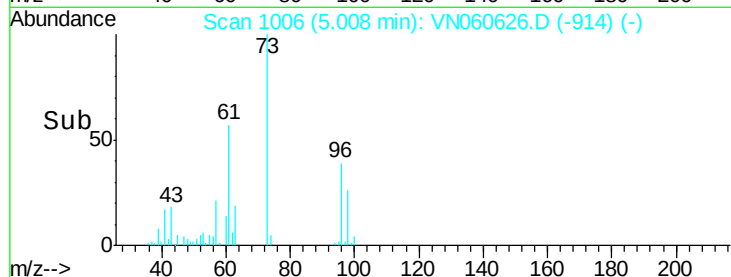
96 100

61 145.6 114.4 171.6

98 65.2 48.4 72.6



Abundance Ion 95.90 (95.60 to 96.60): VN060626.D (-914) (-)



#22

Diisopropyl ether

Concen: 18.707 ug/l

RT: 5.91 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

Tgt Ion: 45 Resp: 157860

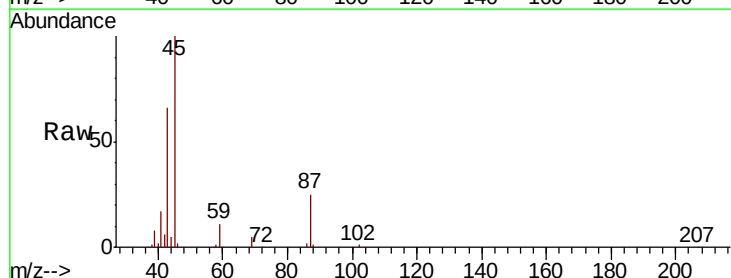
Ion Ratio Lower Upper

45 100

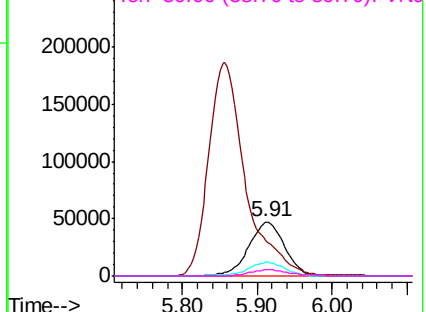
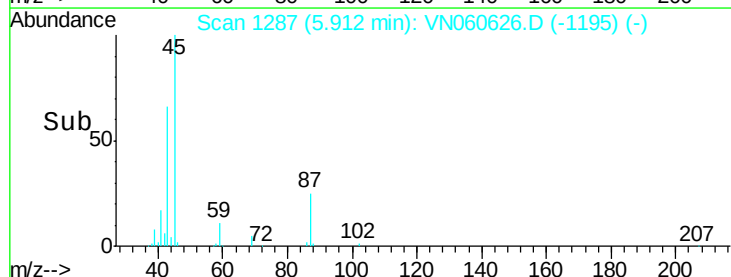
43 64.6 49.8 74.8

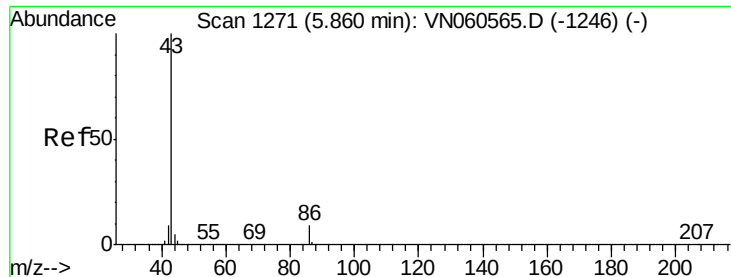
87 25.0 20.1 30.1

59 11.3 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VN060626.D (-1195) (-)





#23

Vinyl Acetate

Concen: 92.889 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampled :

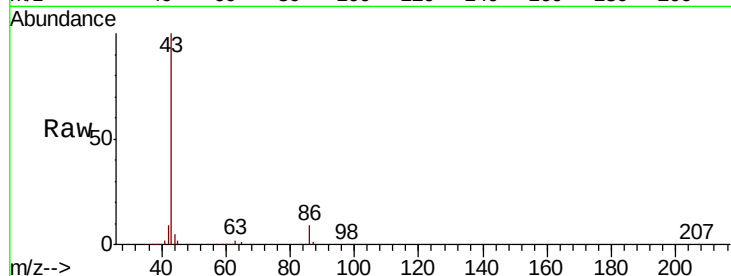
VN0319WBS01

Tot Ion: 43 Resp: 639556

Ion Ratio Lower Upper

43 100

86 9.3 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.86

200000

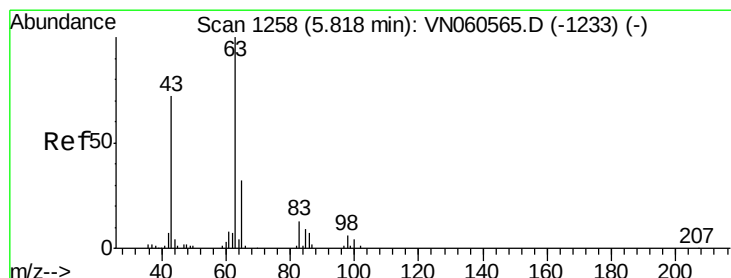
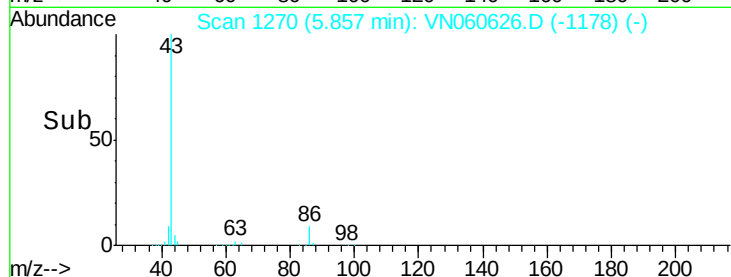
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.541 ug/l

RT: 5.81 min Scan# 1256

Delta R.T. -0.01 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

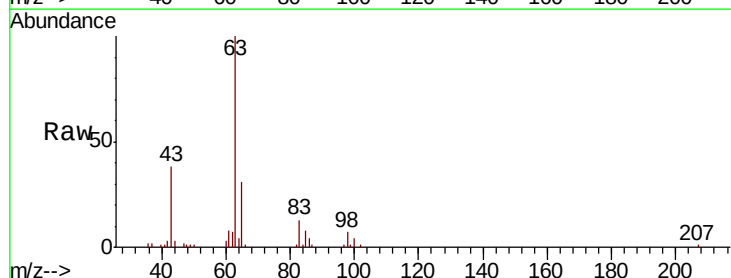
Tgt Ion: 63 Resp: 85292

Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.7

100 3.8 1.8 5.5



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

5.81

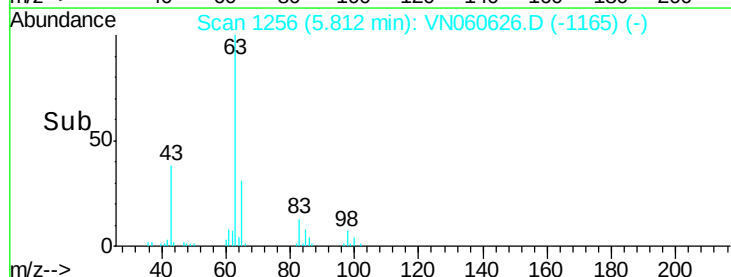
30000

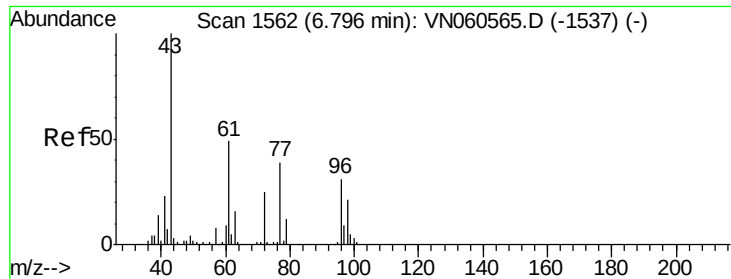
20000

10000

0

Time-->





#25

2-Butanone

Concen: 88.790 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

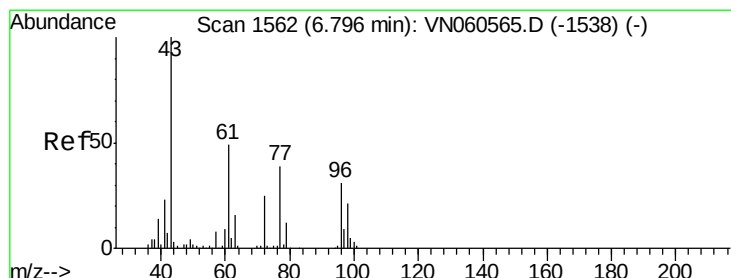
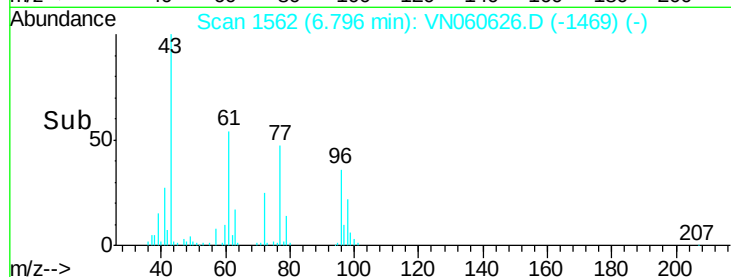
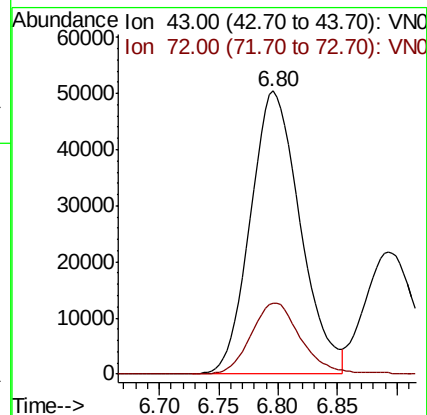
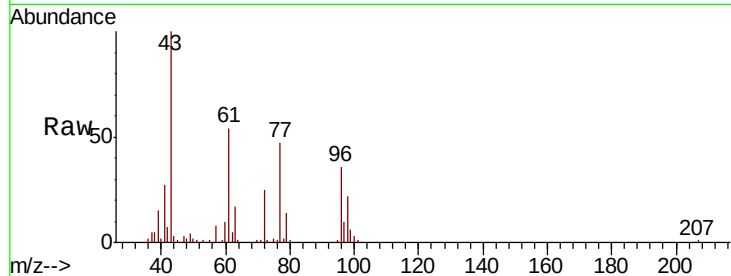
VN0319WBS01

Tot Ion: 43 Resp: 146546

Ion Ratio Lower Upper

43 100

72 25.0 20.4 30.6



#26

2,2-Dichloropropane

Concen: 20.441 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060626.D

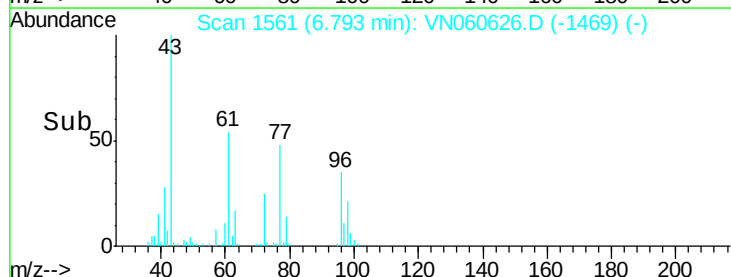
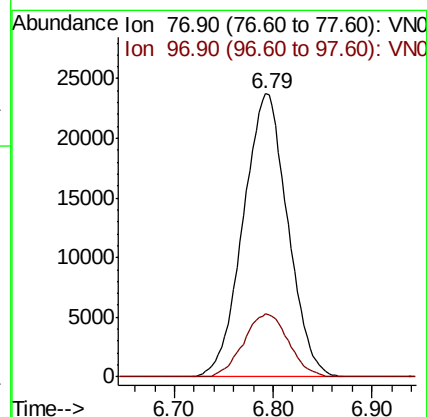
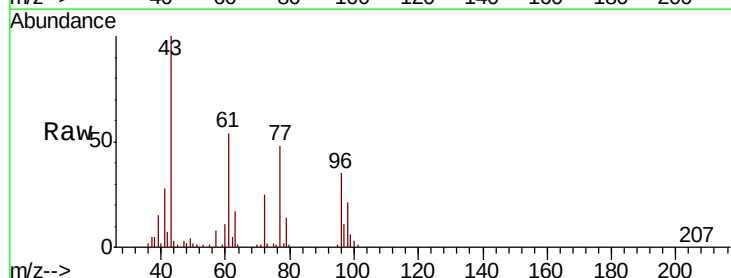
Acq: 19 Mar 2020 11:02

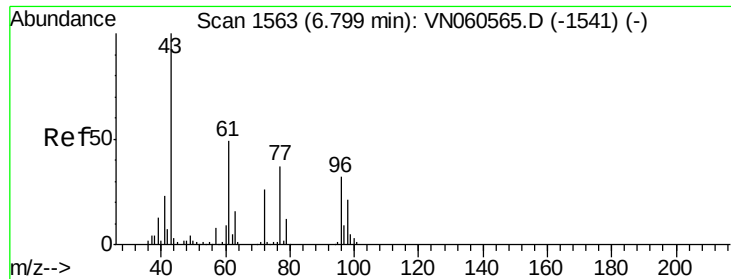
Tgt Ion: 77 Resp: 73984

Ion Ratio Lower Upper

77 100

97 22.4 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 18.731 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampled :

VN0319WBS01

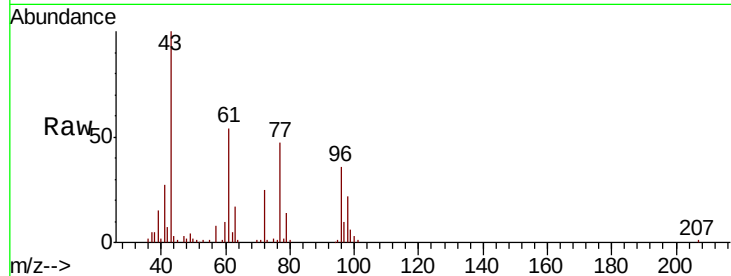
Tot Ion: 96 Resp: 51519

Ion Ratio Lower Upper

96 100

61 152.8 0.0 305.6

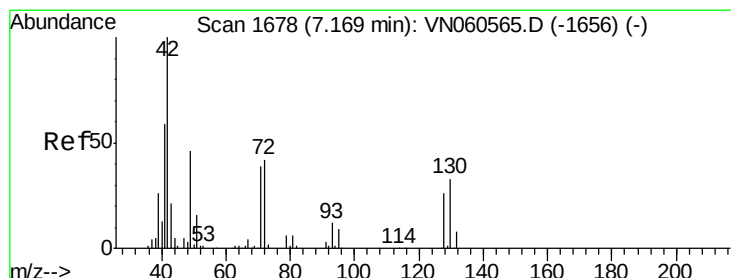
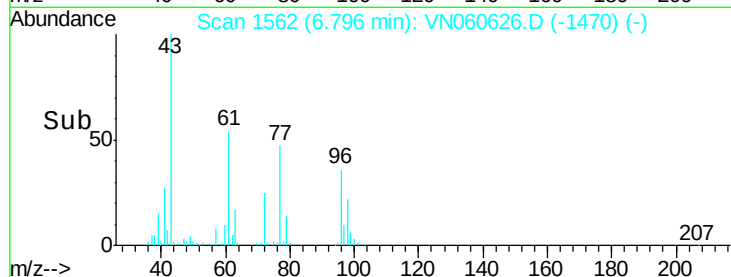
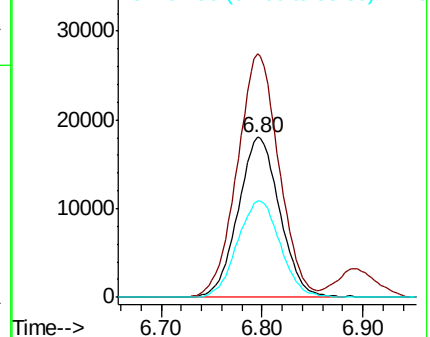
98 62.1 0.0 127.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.039 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

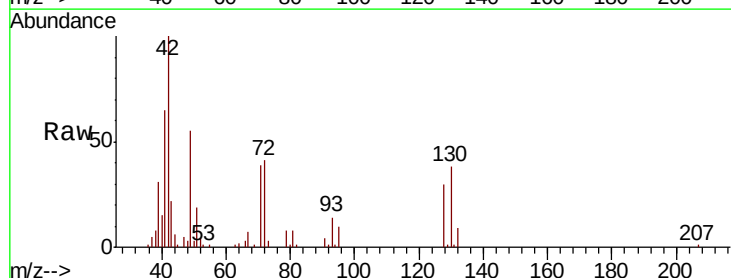
Tgt Ion: 49 Resp: 41904

Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.4

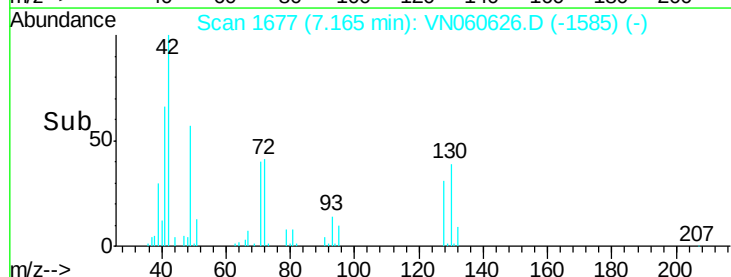
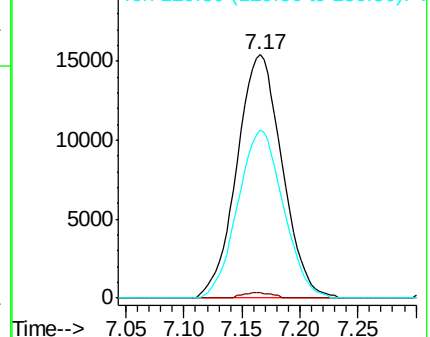
130 69.3 55.0 82.4

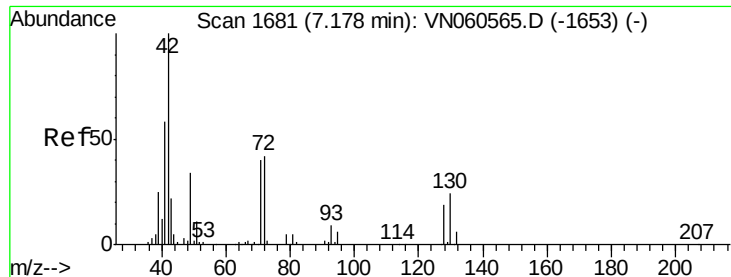


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

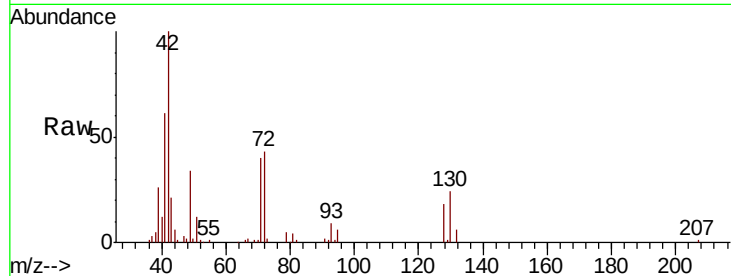




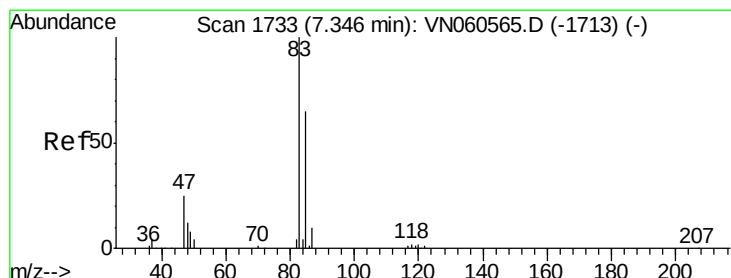
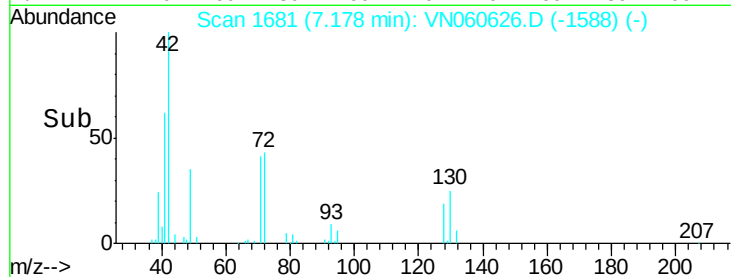
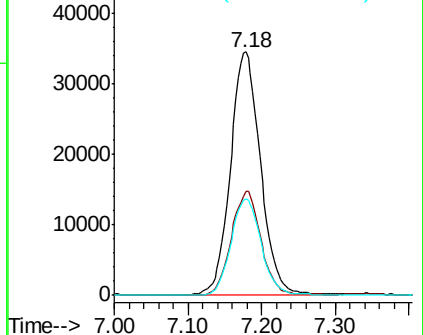
#29
Tetrahydrofuran
Concen: 84.348 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060626.D
Acq: 19 Mar 2020 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBS01

Tot Ion: 42 Resp: 98500
Ion Ratio Lower Upper
42 100
72 41.8 33.2 49.8
71 39.5 31.1 46.7

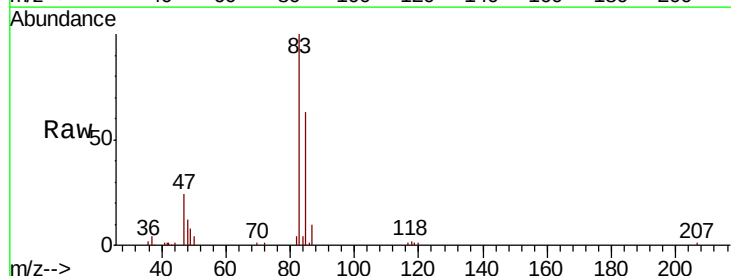


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

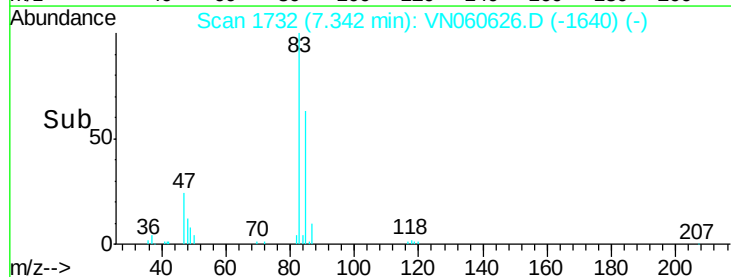
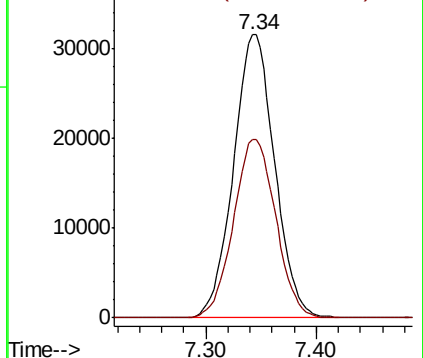


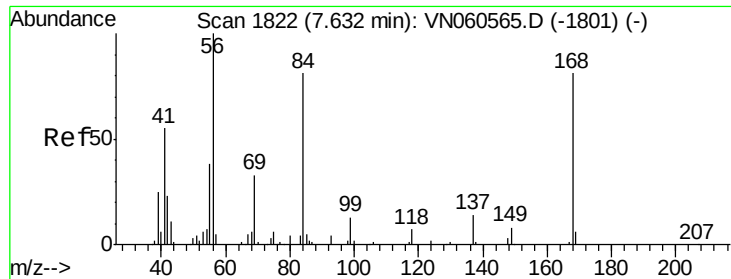
#30
Chloroform
Concen: 18.495 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060626.D
Acq: 19 Mar 2020 11:02

Tgt Ion: 83 Resp: 81566
Ion Ratio Lower Upper
83 100
85 63.2 51.8 77.8



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

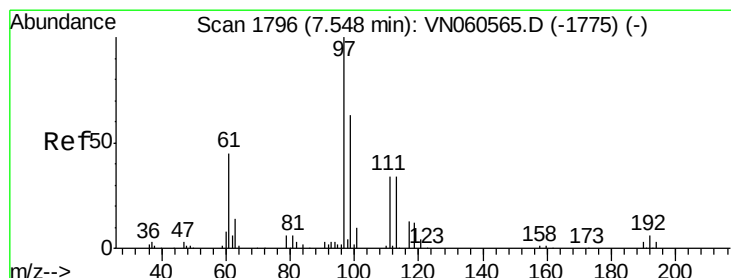
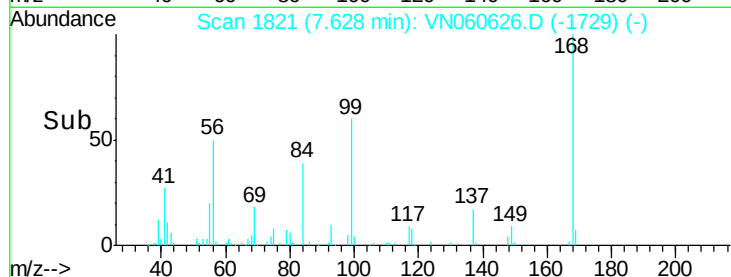
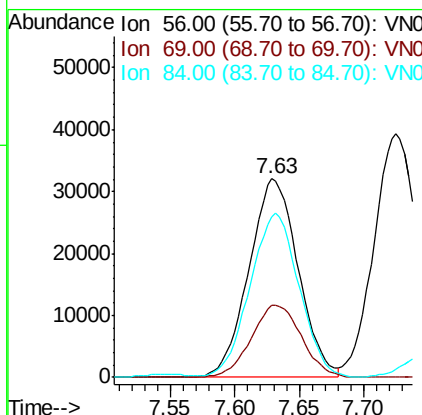
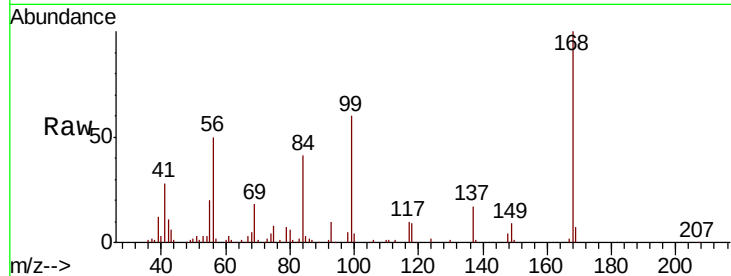




#31
Cyclohexane
Concen: 18.382 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VN060626.D
Acq: 19 Mar 2020 11:02

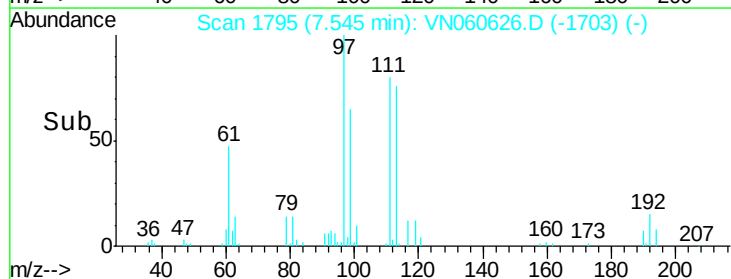
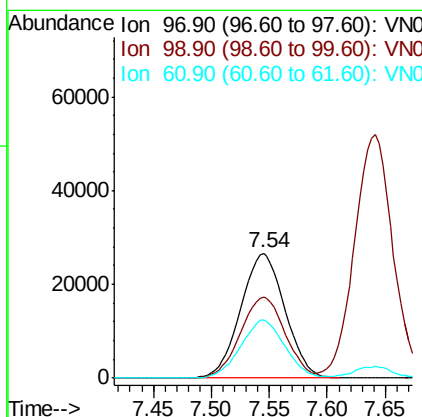
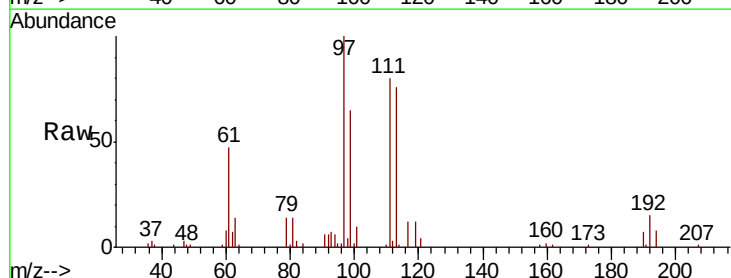
Instrument :
MSVOA_N
ClientSampled :
VN0319WBS01

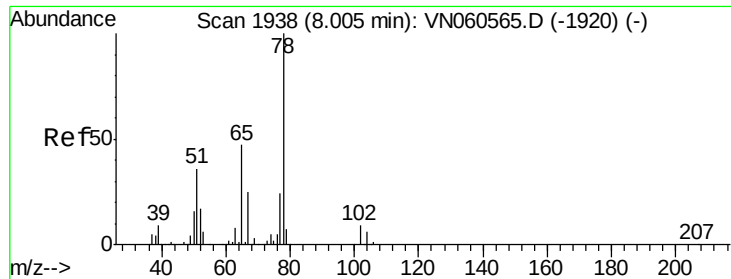
Tot Ion: 56 Resp: 85249
Ion Ratio Lower Upper
56 100
69 36.1 26.6 40.0
84 80.1 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 18.591 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN060626.D
Acq: 19 Mar 2020 11:02

Tgt Ion: 97 Resp: 70678
Ion Ratio Lower Upper
97 100
99 65.3 50.6 75.8
61 46.3 36.2 54.4

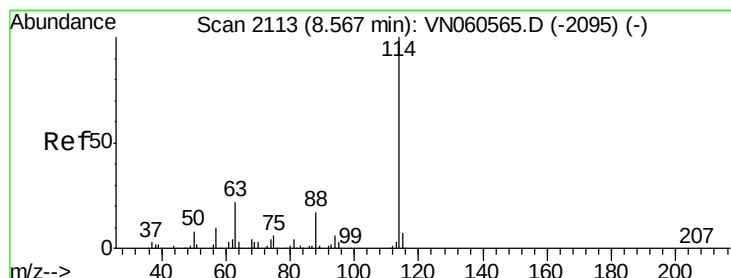
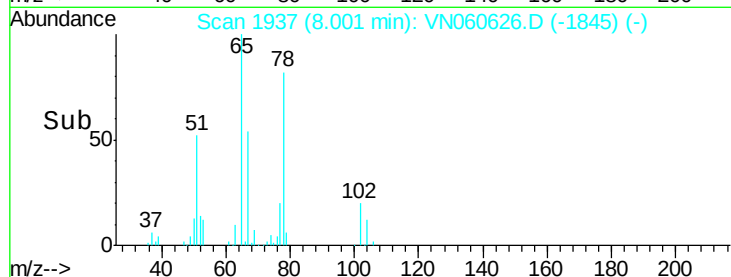
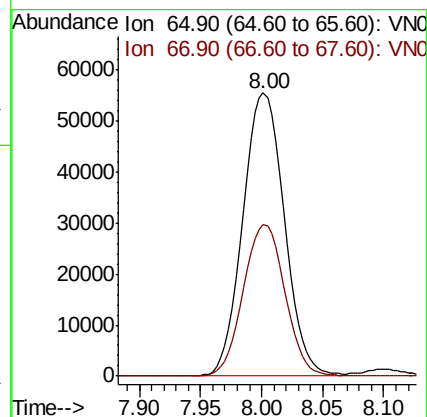
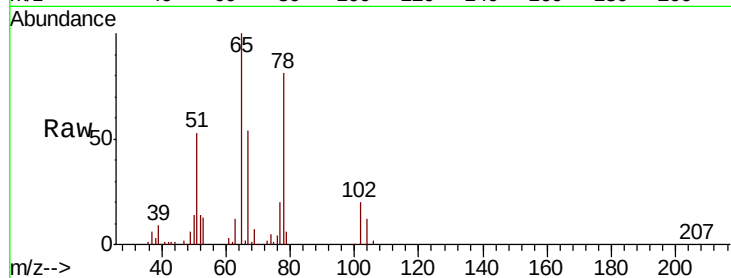




#33
 1,2-Dichloroethane-d4
 Concen: 45.555 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060626.D
 Acq: 19 Mar 2020 11:02

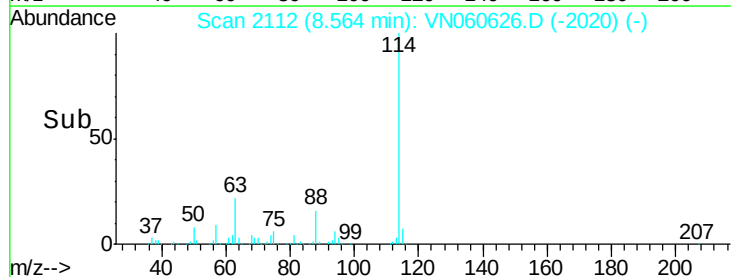
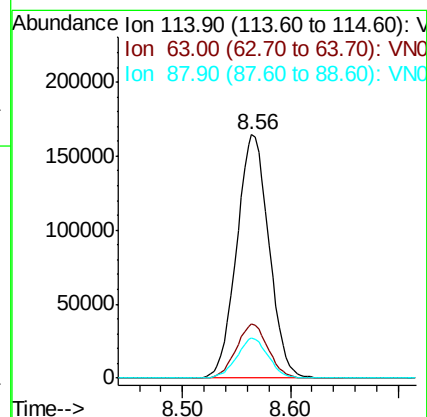
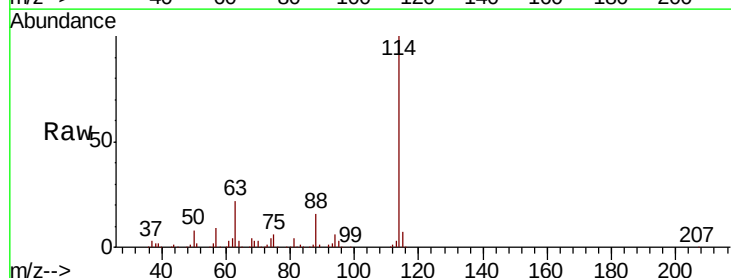
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBS01

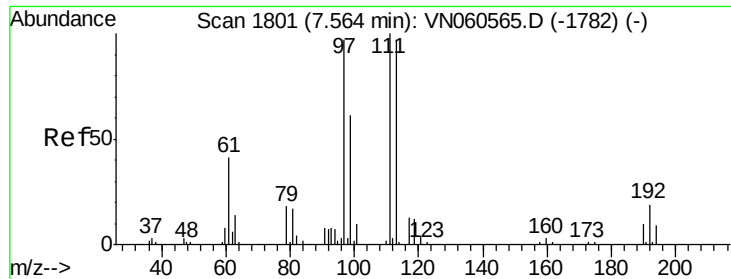
Tot Ion: 65 Resp: 131175
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060626.D
 Acq: 19 Mar 2020 11:02

Tgt Ion: 114 Resp: 342689
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.8
 88 16.4 0.0 33.0

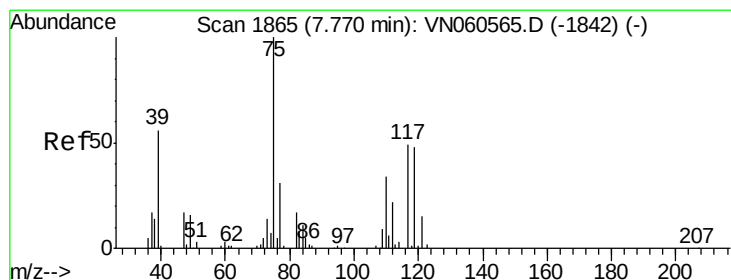
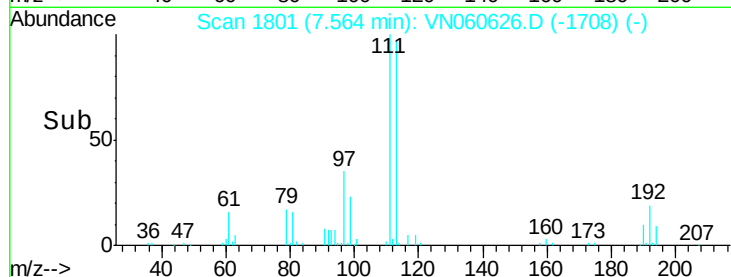
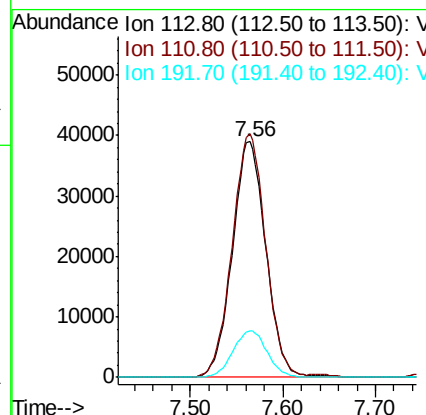
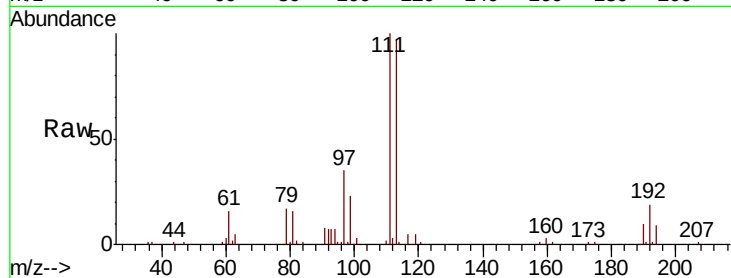




#35
 Dibromofluoromethane
 Concen: 47.207 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060626.D
 Acq: 19 Mar 2020 11:02

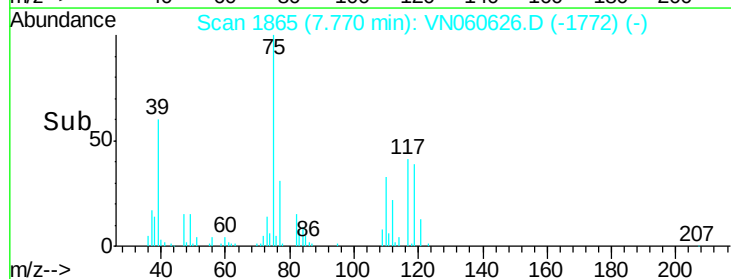
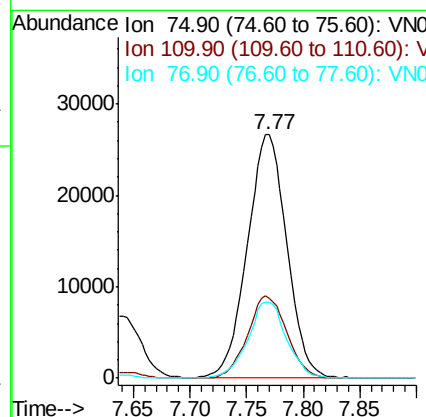
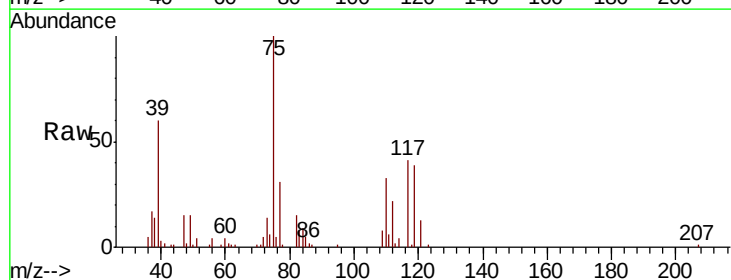
Instrument :
 MSVOA_N
 ClientSampled :
 VN0319WBS01

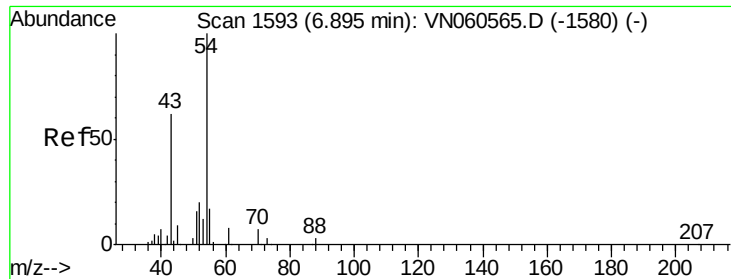
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	20.0	15.8	23.8



#36
 1,1-Dichloropropene
 Concen: 19.541 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN060626.D
 Acq: 19 Mar 2020 11:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.3	16.9	50.6
77	30.5	24.6	36.8

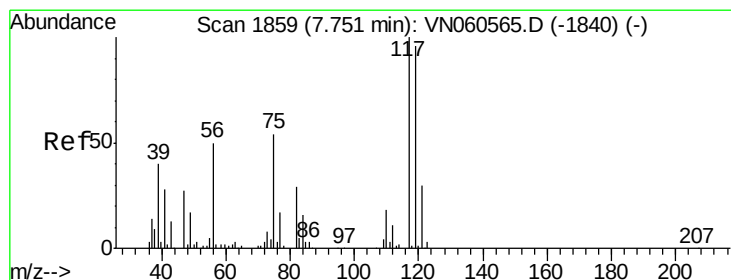
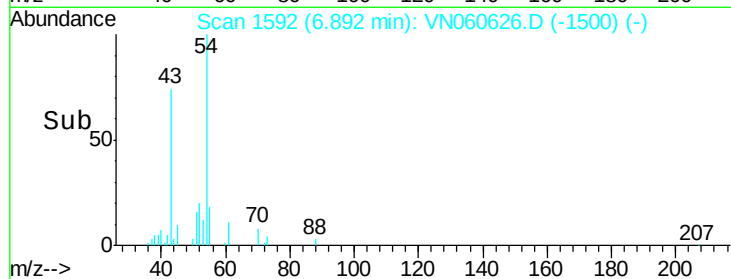
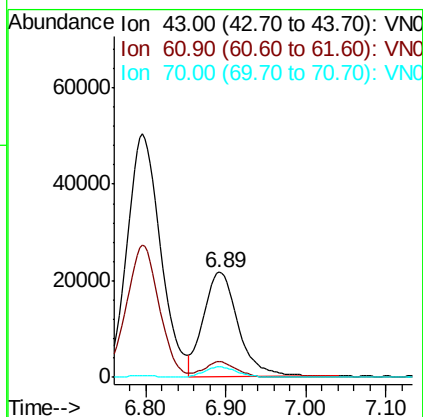
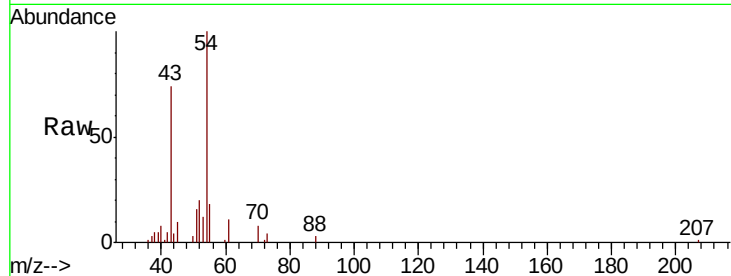




#37
Ethyl Acetate
Concen: 18.415 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060626.D
Acq: 19 Mar 2020 11:02

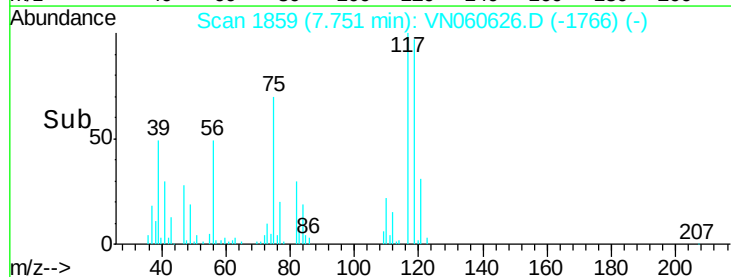
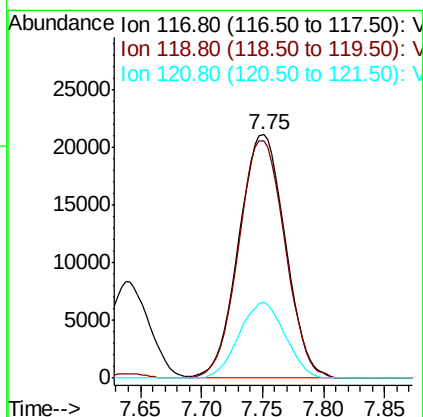
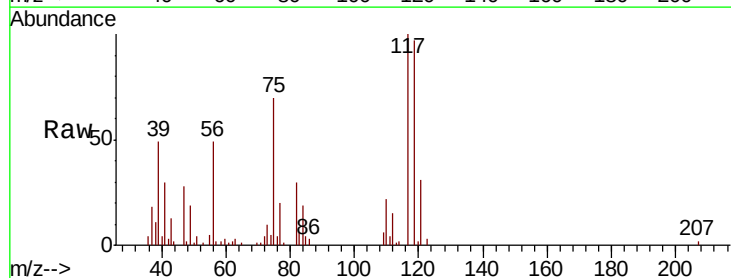
Instrument :
MSVOA_N
ClientSampled :
VN0319WBS01

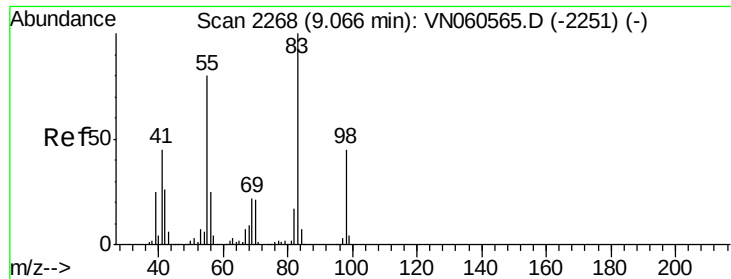
Tot Ion: 43 Resp: 66025
Ion Ratio Lower Upper
43 100
61 13.5 10.6 15.8
70 9.4 7.9 11.9



#38
Carbon Tetrachloride
Concen: 18.734 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060626.D
Acq: 19 Mar 2020 11:02

Tgt Ion: 117 Resp: 55715
Ion Ratio Lower Upper
117 100
119 97.5 76.2 114.2
121 31.2 23.7 35.5

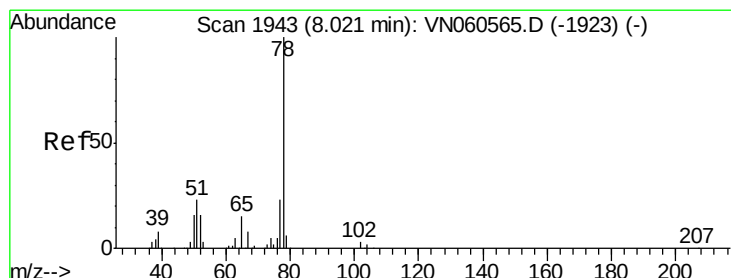
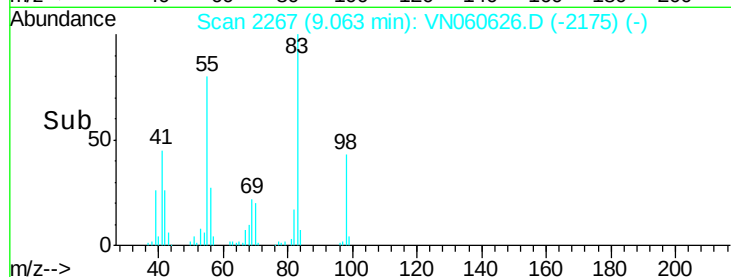
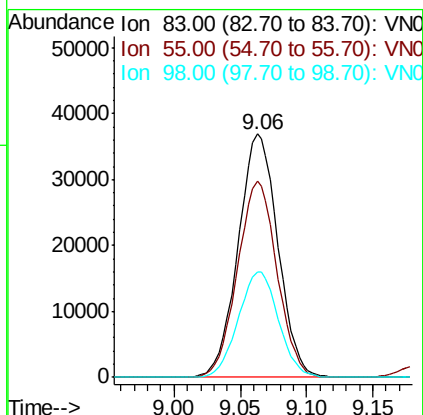
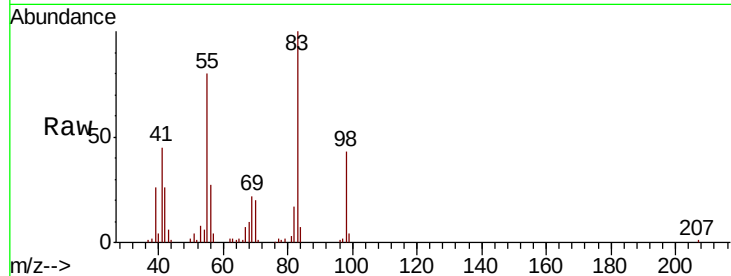




#39
Methylvlcyclohexane
Concen: 19.438 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060626.D
Acq: 19 Mar 2020 11:02

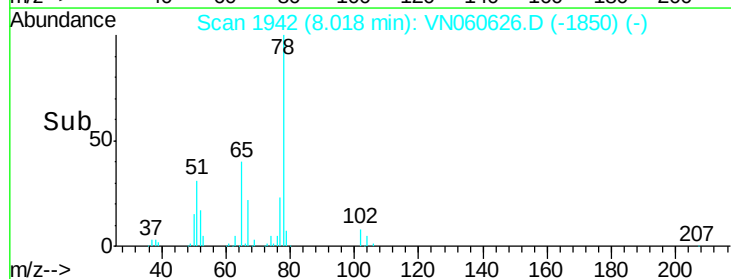
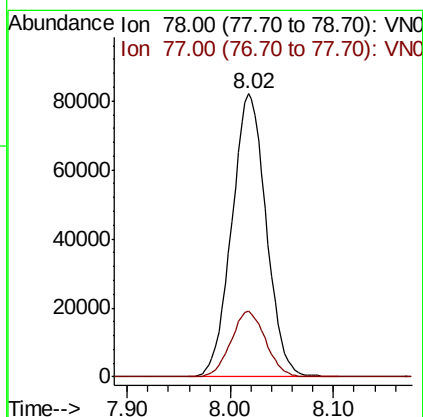
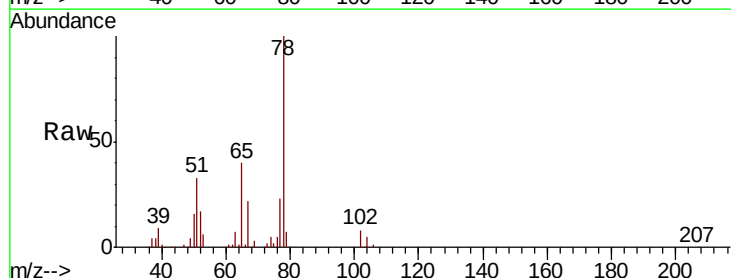
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBS01

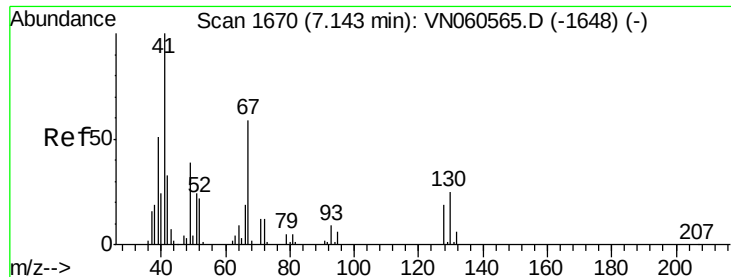
Tot Ion: 83 Resp: 76653
Ion Ratio Lower Upper
83 100
55 80.4 63.6 95.4
98 43.1 36.0 54.0



#40
Benzene
Concen: 19.022 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060626.D
Acq: 19 Mar 2020 11:02

Tgt Ion: 78 Resp: 190541
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0

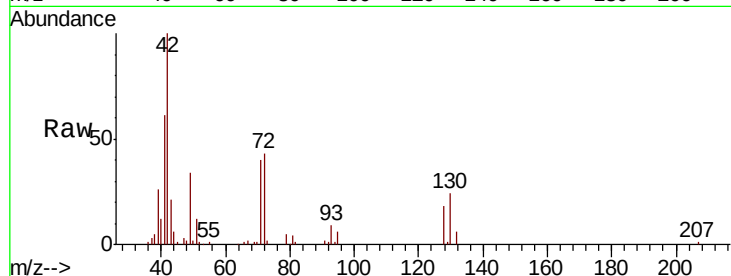




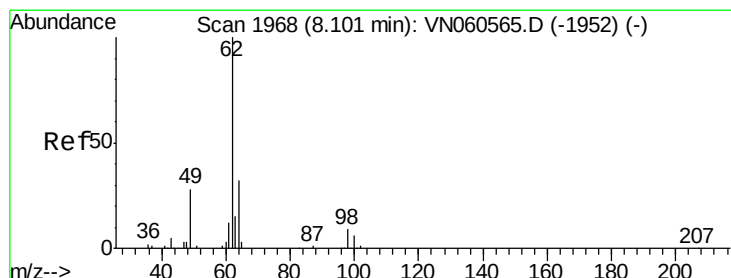
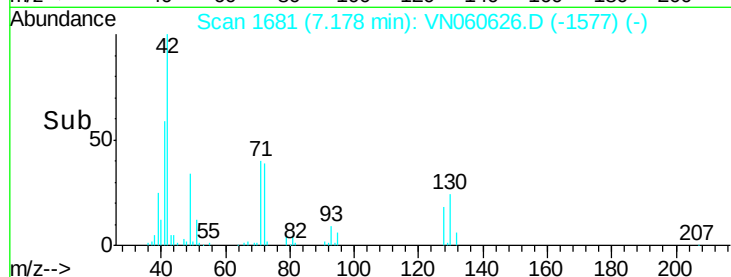
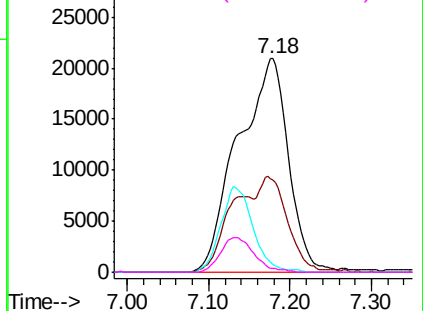
#41
Methacrylonitrile
Concen: 58.926 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.04 min
Lab File: VN060626.D
Acq: 19 Mar 2020 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBS01

Tot Ion:	41	Resp:	90168
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

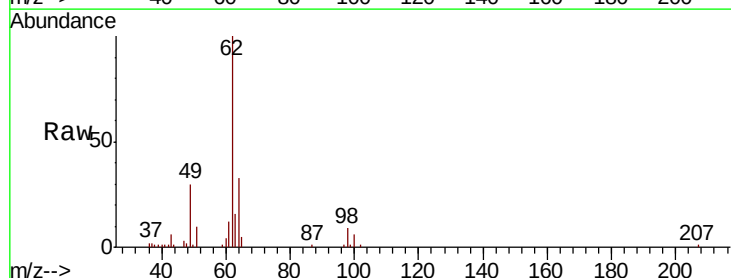


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

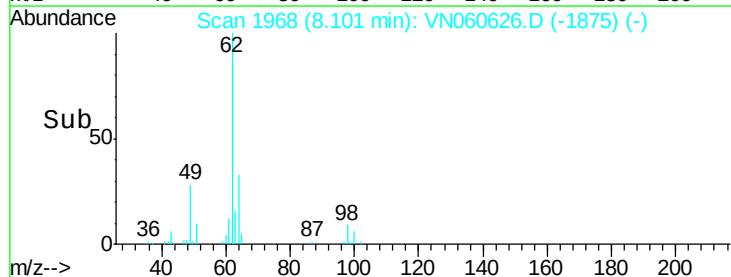
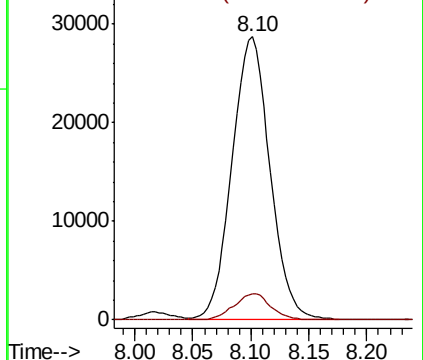


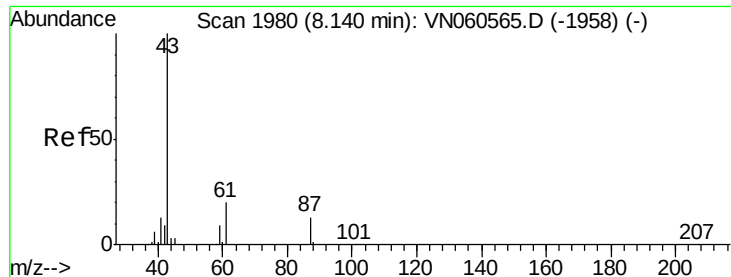
#42
1,2-Dichloroethane
Concen: 19.119 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060626.D
Acq: 19 Mar 2020 11:02

Tgt Ion:	62	Resp:	65453
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 18.220 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBS01

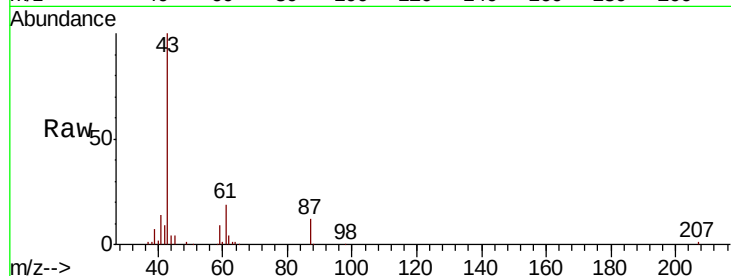
Tot Ion: 43 Resp: 107737

Ion Ratio Lower Upper

43 100

61 25.9 20.7 31.1

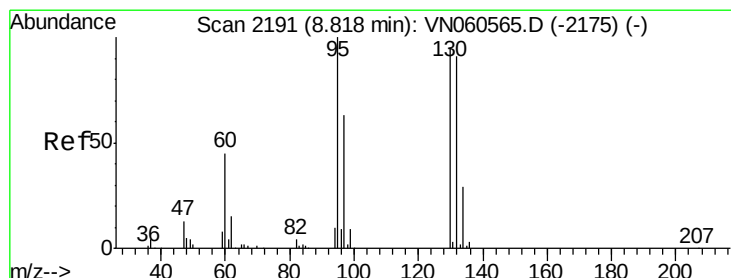
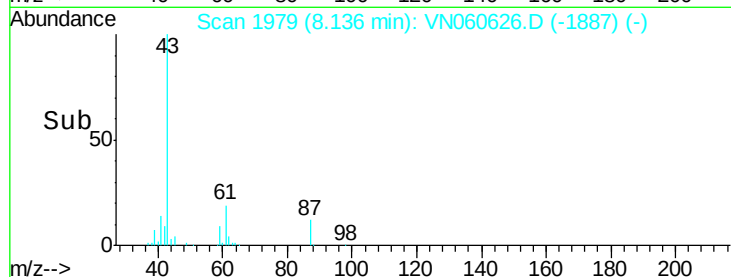
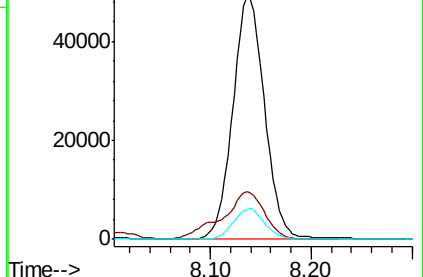
87 12.3 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-1958) (-)

Ion 61.00 (60.70 to 61.70): VN060565.D (-1958) (-)

Ion 87.00 (86.70 to 87.70): VN060565.D (-1958) (-)



#44

Trichloroethene

Concen: 19.440 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN060626.D

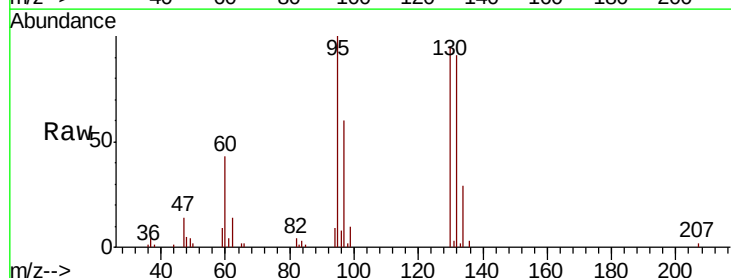
Acq: 19 Mar 2020 11:02

Tgt Ion:130 Resp: 49090

Ion Ratio Lower Upper

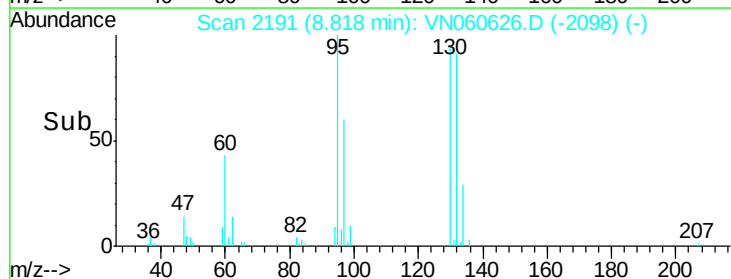
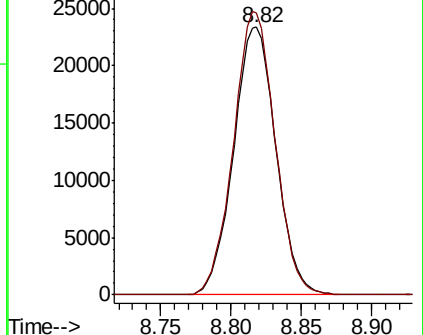
130 100

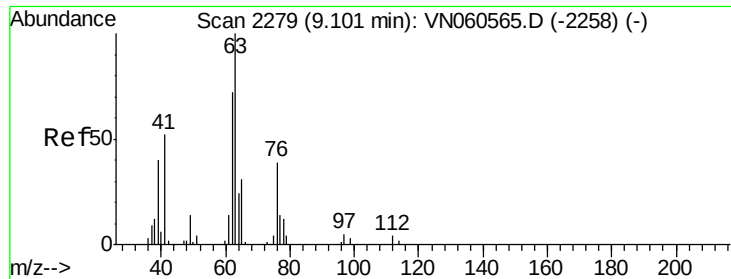
95 105.3 0.0 211.2



Abundance Ion 129.80 (129.50 to 130.50): VN060565.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN060565.D (-2175) (-)

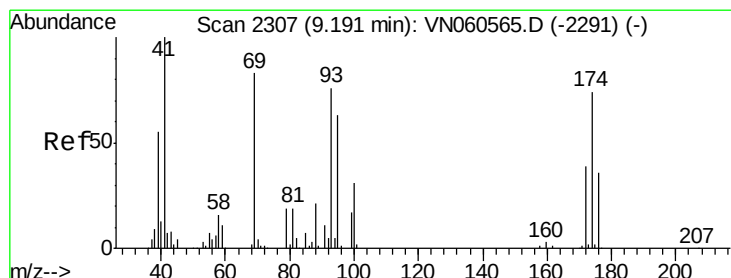
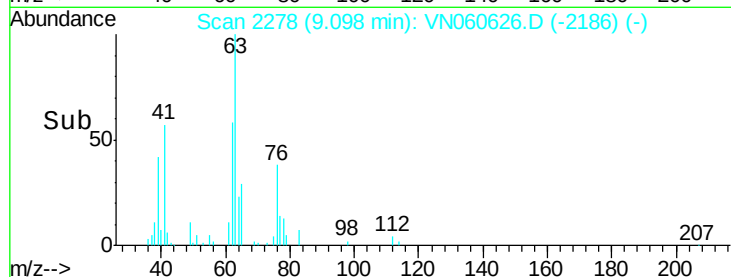
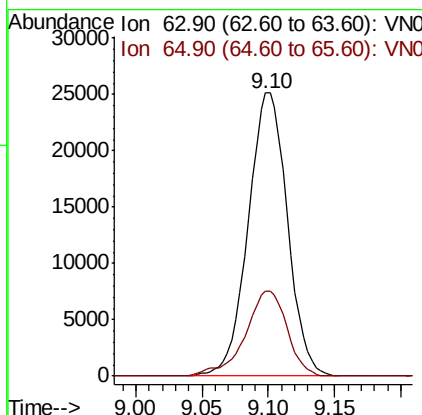
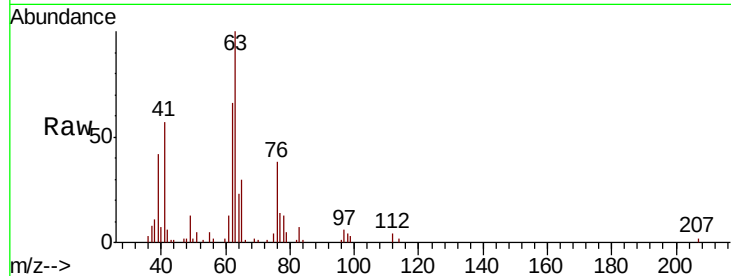




#45
 1,2-Dichloropropane
 Concen: 19.630 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN060626.D
 Acq: 19 Mar 2020 11:02

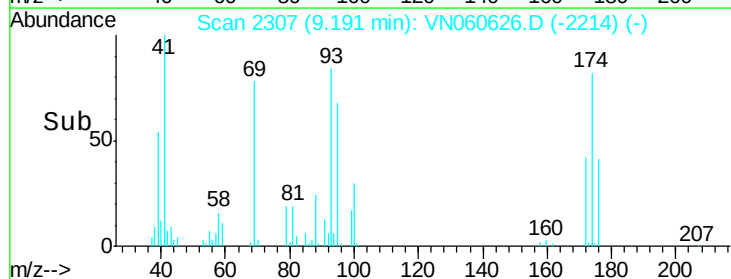
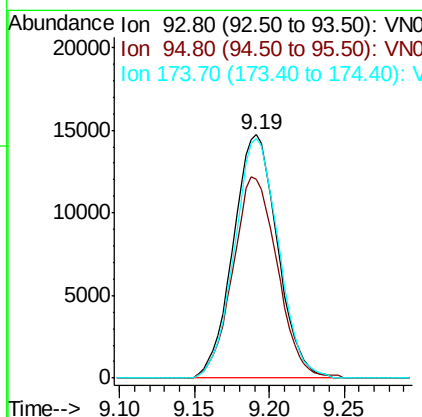
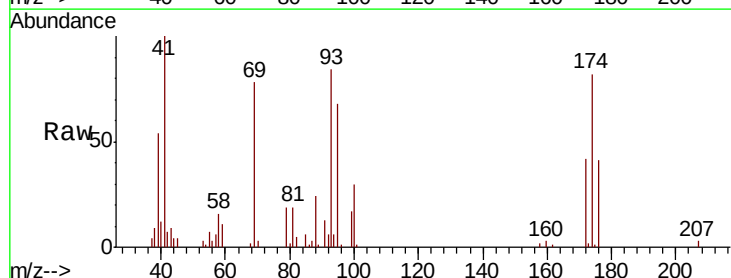
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBS01

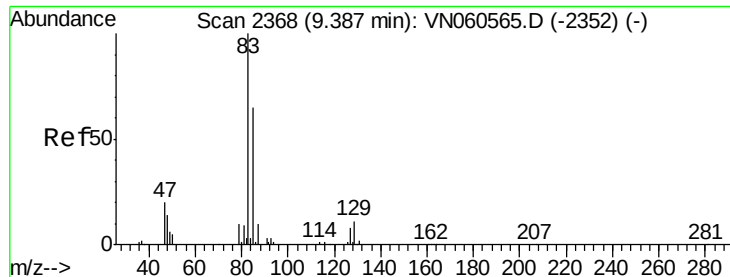
Tot Ion: 63 Resp: 51887
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.4 38.0



#46
 Dibromomethane
 Concen: 18.987 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN060626.D
 Acq: 19 Mar 2020 11:02

Tgt Ion: 93 Resp: 30340
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.2 99.4
 174 97.5 77.9 116.9





#47

Bromodichloromethane

Concen: 18.876 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBS01

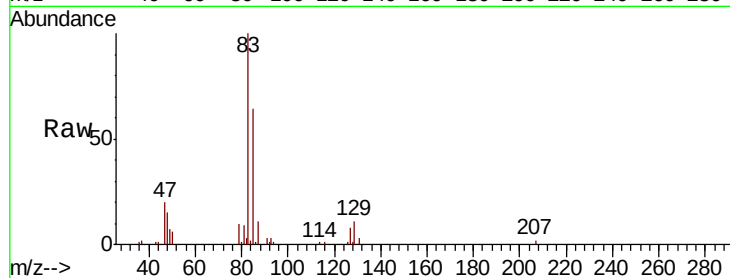
Tot Ion: 83 Resp: 62680

Ion Ratio Lower Upper

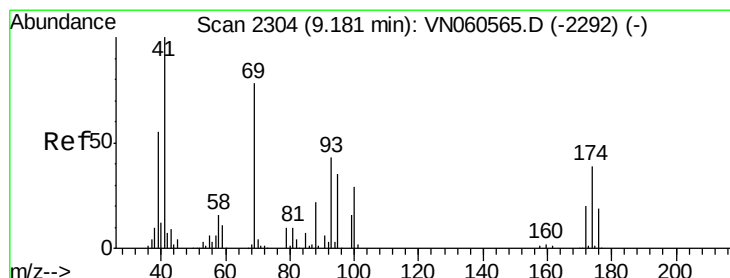
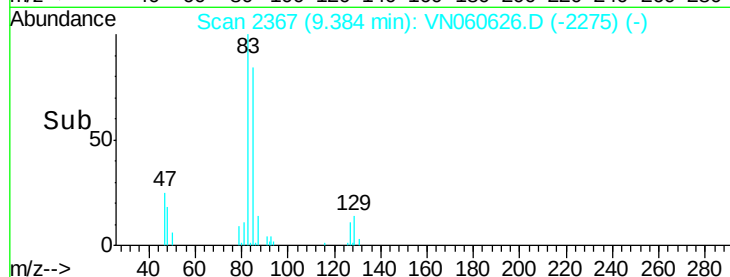
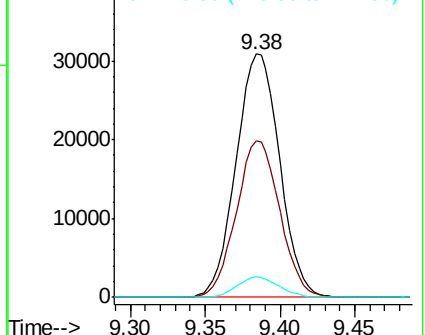
83 100

85 64.5 51.8 77.6

127 8.5 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.819 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

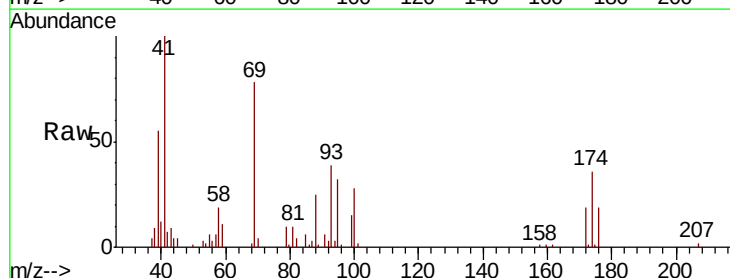
Tgt Ion: 41 Resp: 46913

Ion Ratio Lower Upper

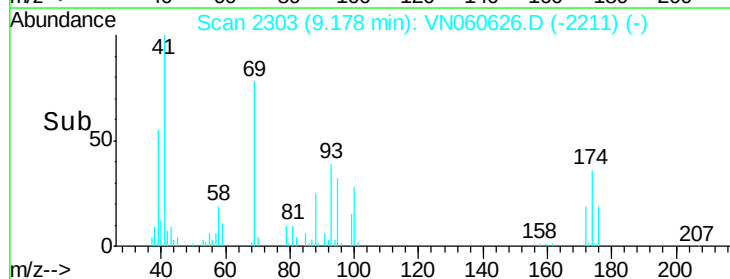
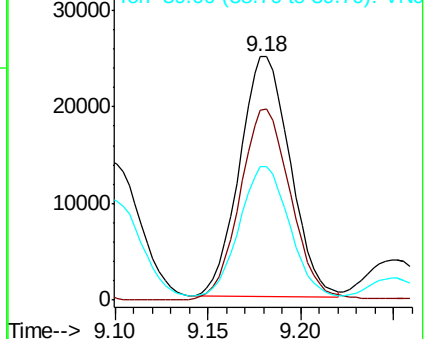
41 100

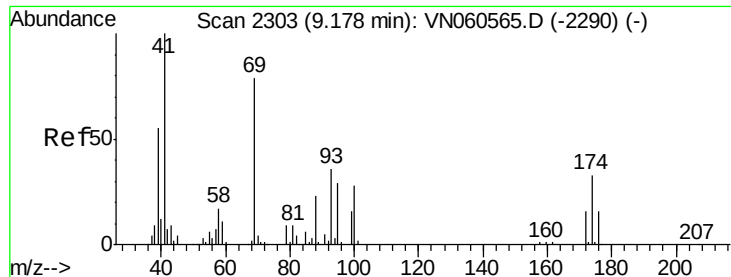
69 80.8 65.4 98.0

39 53.6 44.0 66.0



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

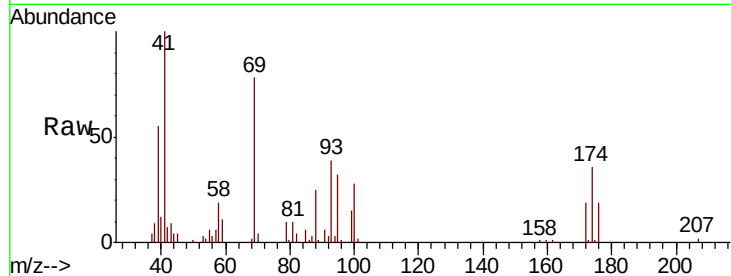




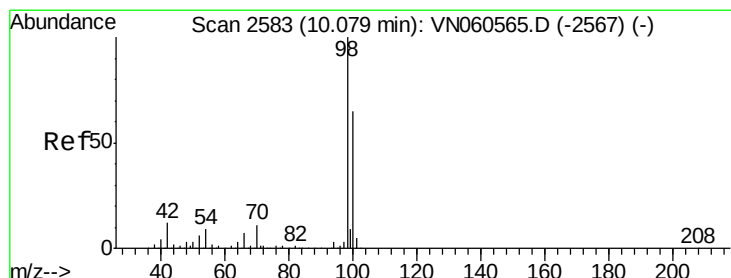
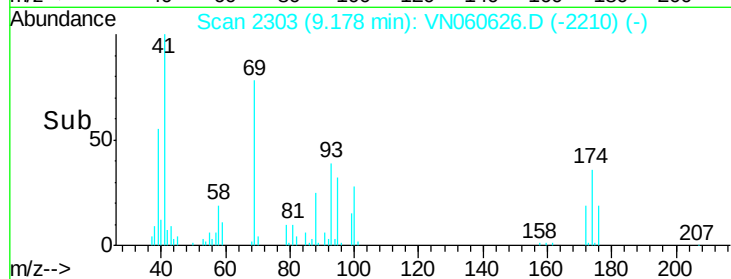
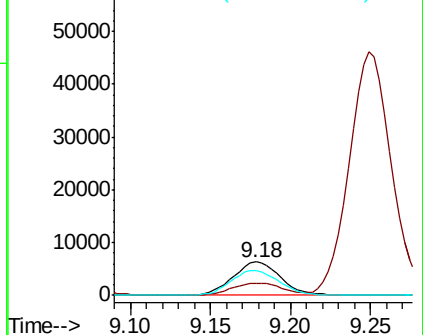
#49
 1,4-Dioxane
 Concen: 407.186 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: VN060626.D
 Acq: 19 Mar 2020 11:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBS01

Tot Ion: 88 Resp: 12742
 Ion Ratio Lower Upper
 88 100
 43 39.5 30.8 46.2
 58 75.4 59.8 89.8

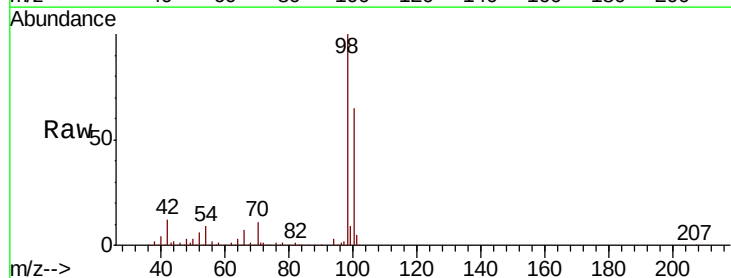


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

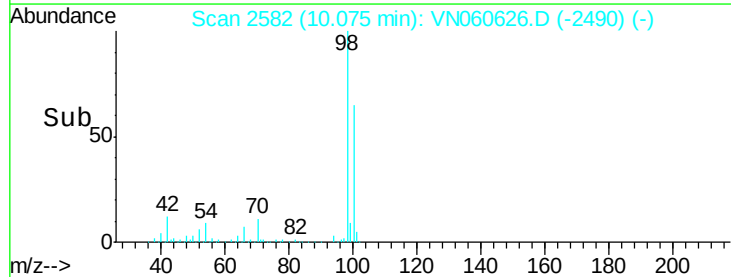
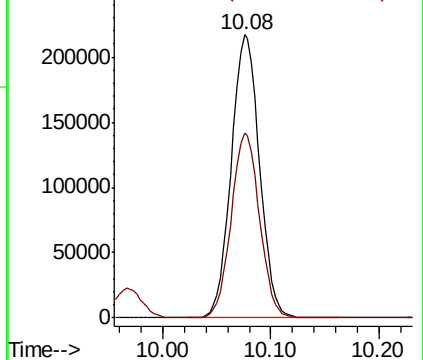


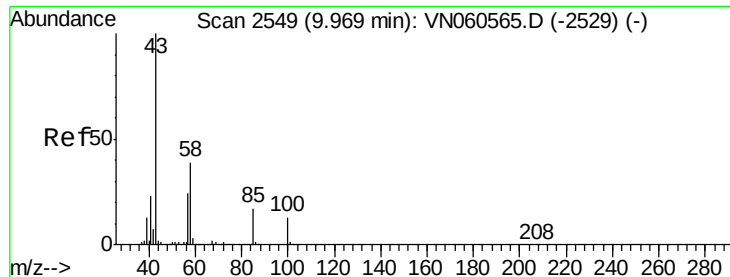
#50
 Toluene-d8
 Concen: 46.484 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: VN060626.D
 Acq: 19 Mar 2020 11:02

Tgt Ion: 98 Resp: 393431
 Ion Ratio Lower Upper
 98 100
 100 65.4 51.8 77.8



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

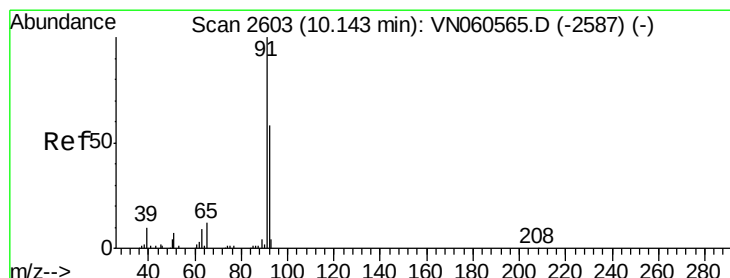
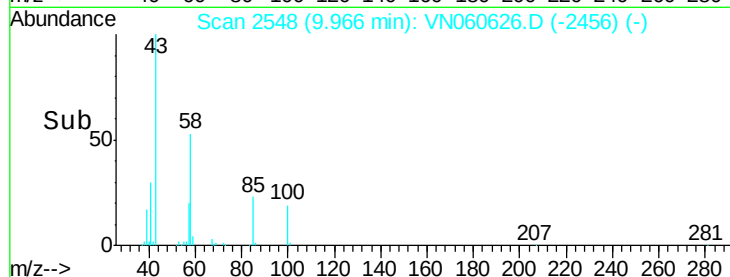
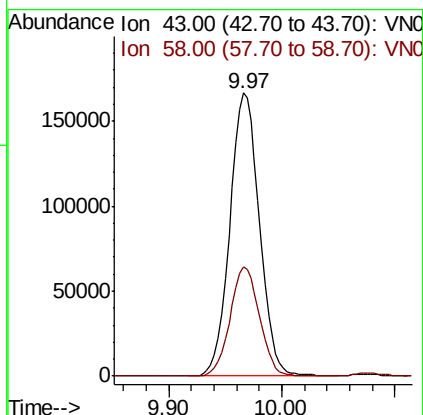
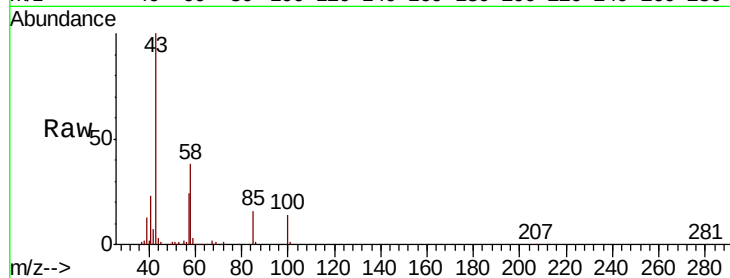




#51
 4-Methyl-2-Pentanone
 Concen: 89.965 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN060626.D
 Acq: 19 Mar 2020 11:02

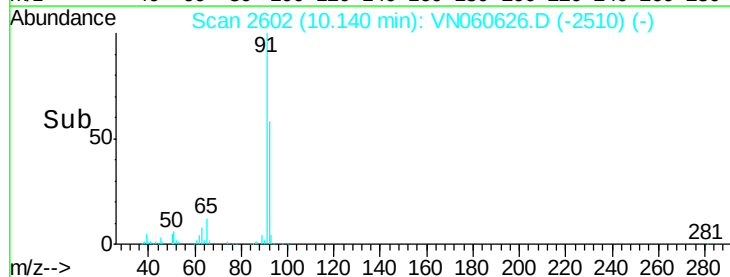
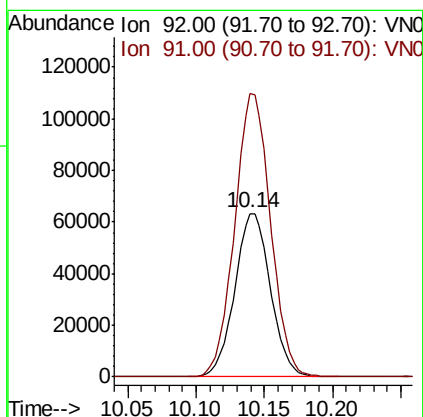
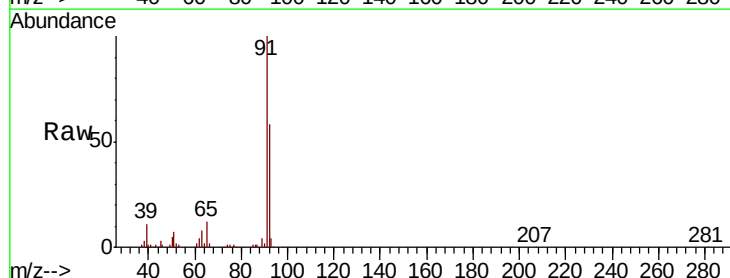
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBS01

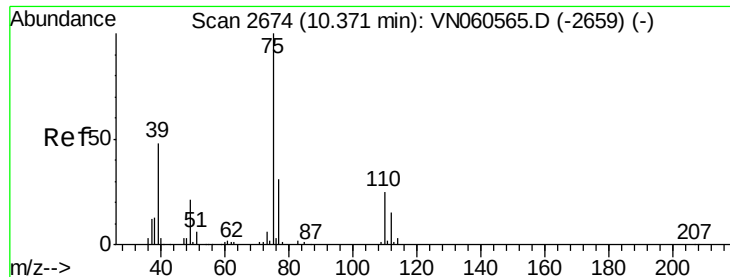
Tot Ion: 43 Resp: 302719
 Ion Ratio Lower Upper
 43 100
 58 38.3 30.8 46.2



#52
 Toluene
 Concen: 18.933 ug/l
 RT: 10.14 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: VN060626.D
 Acq: 19 Mar 2020 11:02

Tgt Ion: 92 Resp: 114540
 Ion Ratio Lower Upper
 92 100
 91 174.7 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 19.223 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

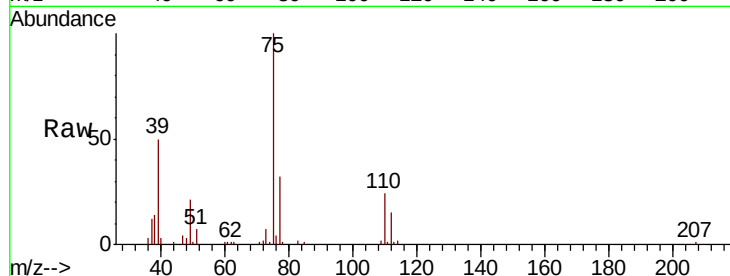
VN0319WBS01

Tot Ion: 75 Resp: 73323

Ion Ratio Lower Upper

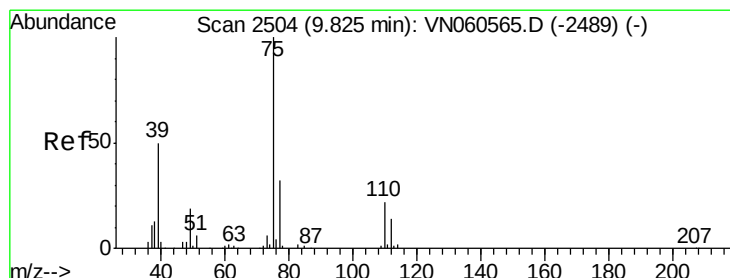
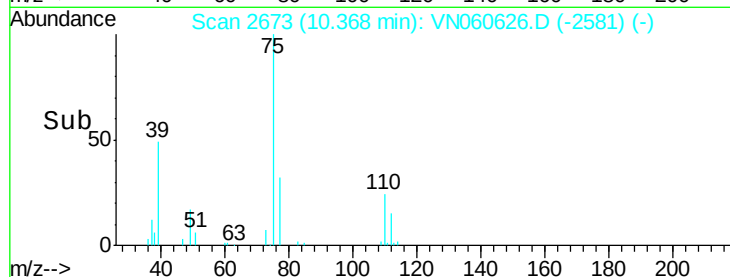
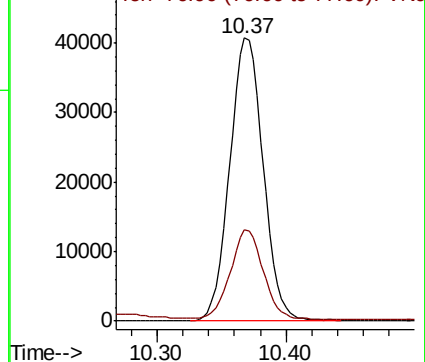
75 100

77 31.6 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.222 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

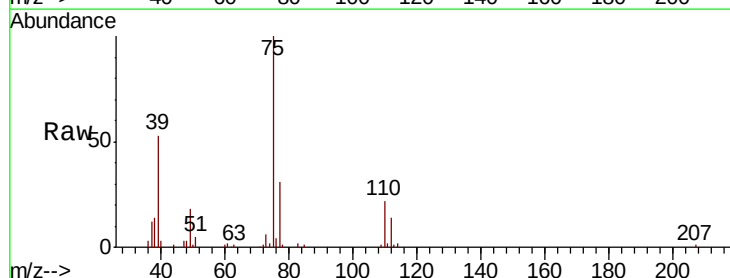
Tgt Ion: 75 Resp: 80432

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.0

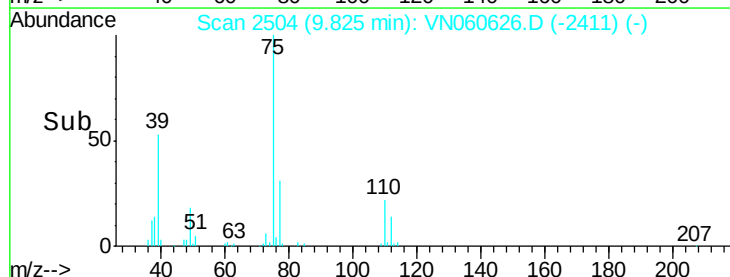
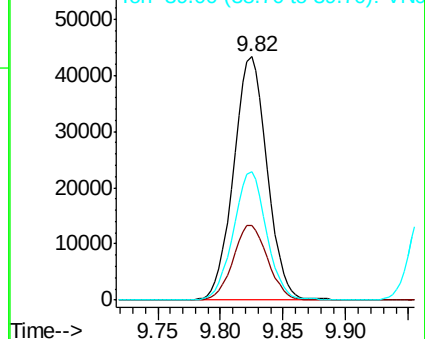
39 52.9 40.2 60.4

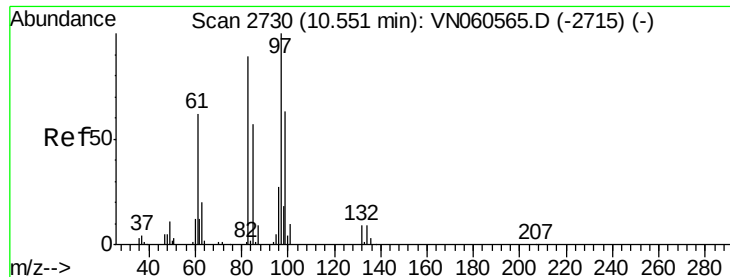


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 19.018 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBS01

Tot Ion: 97 Resp: 44262

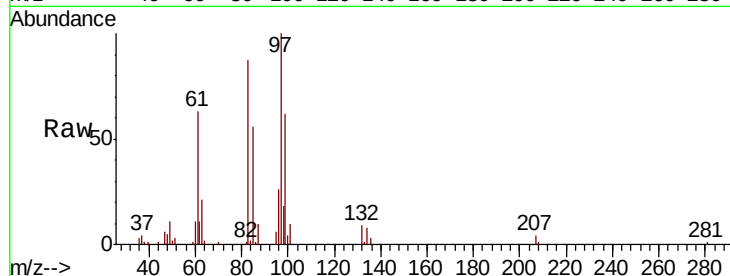
Ion Ratio Lower Upper

97 100

83 87.5 71.3 106.9

85 56.4 45.2 67.8

99 62.3 50.1 75.1

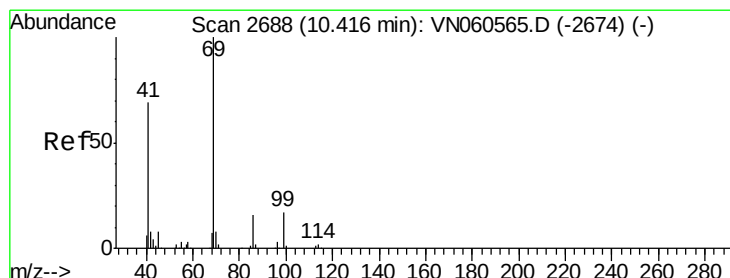
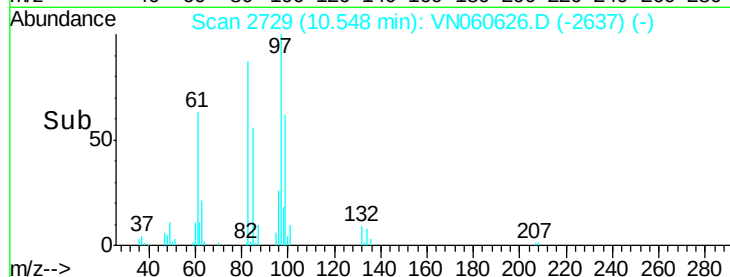
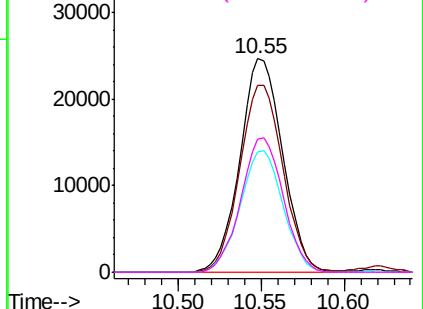


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.240 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. -0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

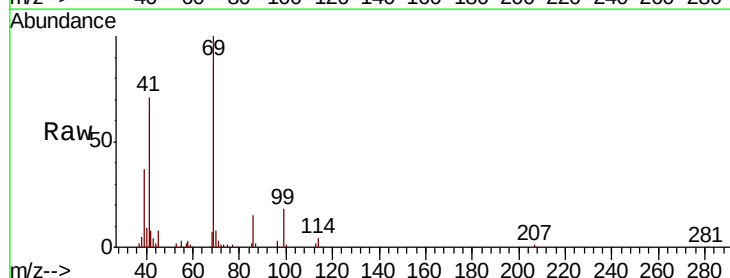
Tgt Ion: 69 Resp: 66191

Ion Ratio Lower Upper

69 100

41 72.0 55.4 83.2

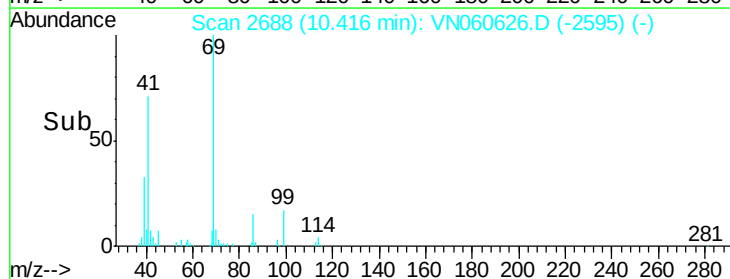
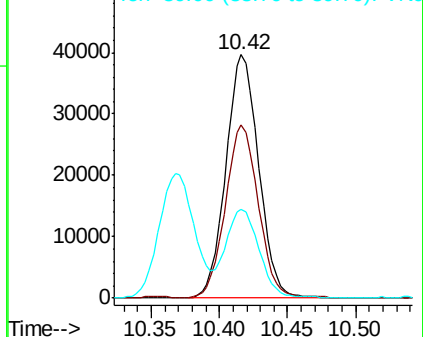
39 38.1 29.4 44.0

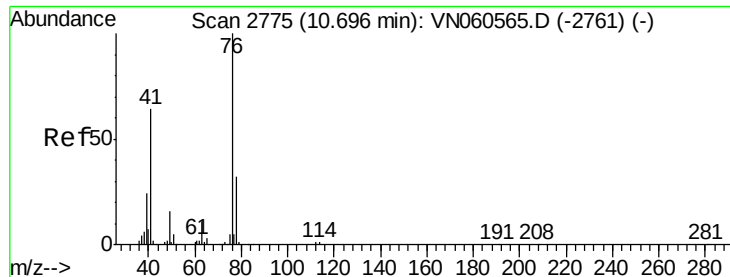


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.233 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

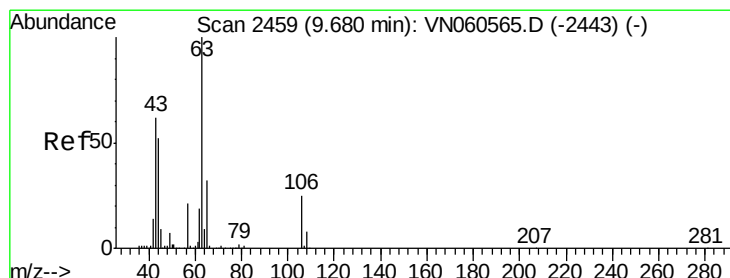
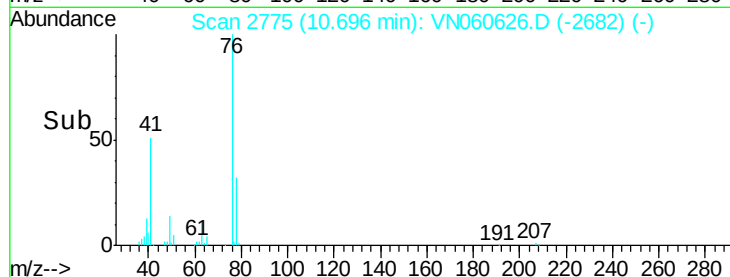
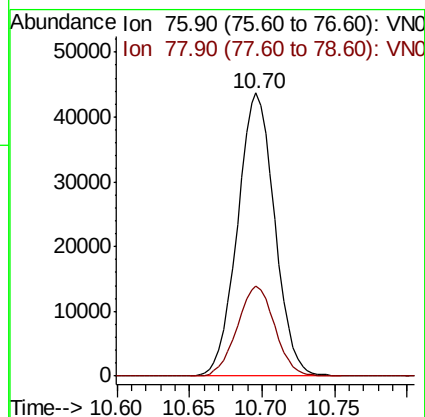
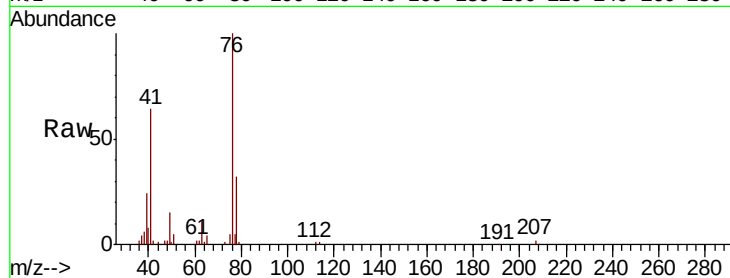
VN0319WBS01

Tot Ion: 76 Resp: 77677

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 89.875 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN060626.D

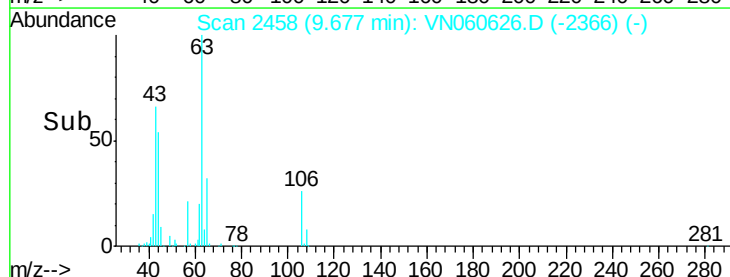
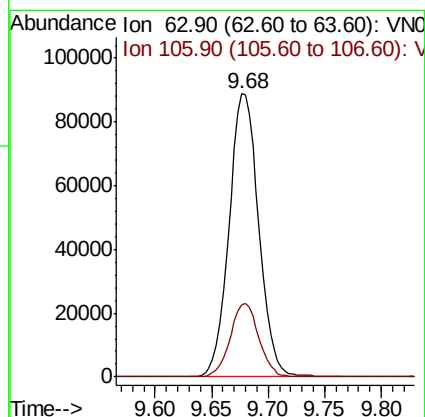
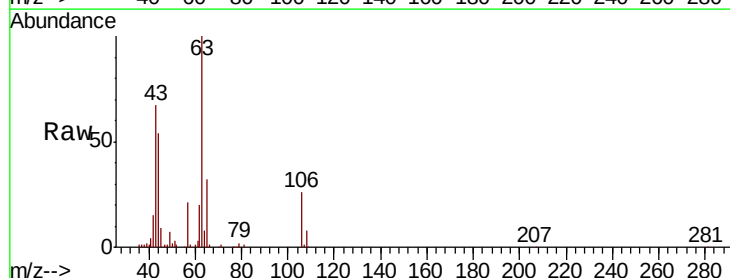
Acq: 19 Mar 2020 11:02

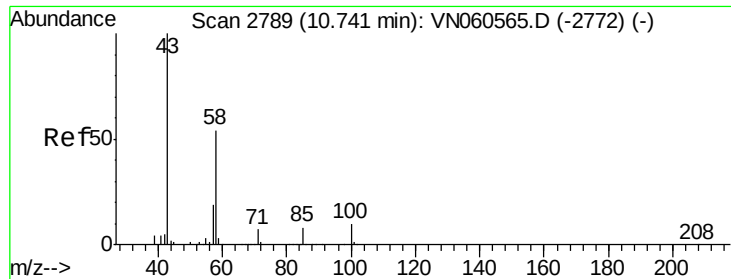
Tgt Ion: 63 Resp: 162100

Ion Ratio Lower Upper

63 100

106 25.2 20.0 30.0

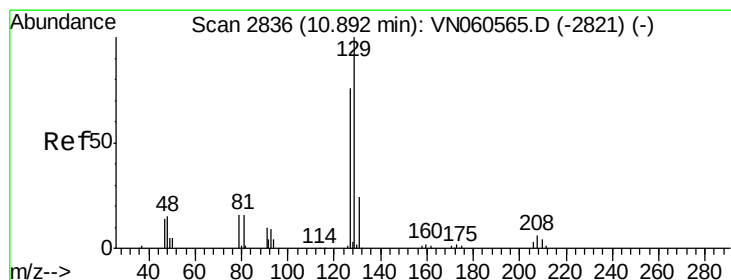
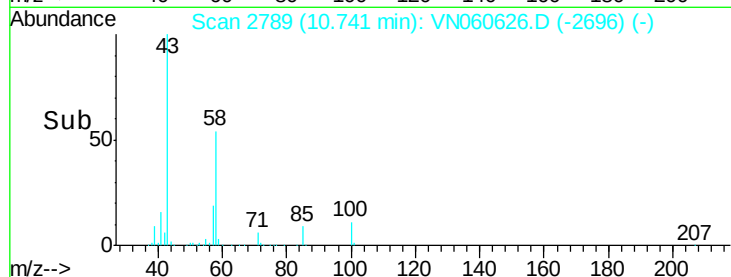
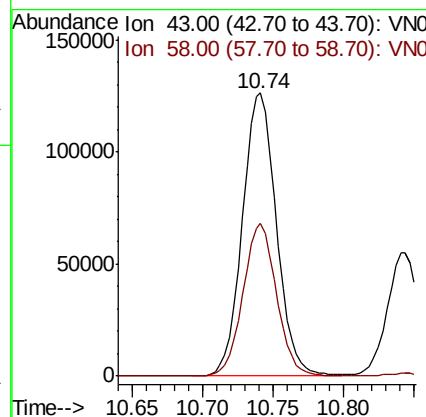
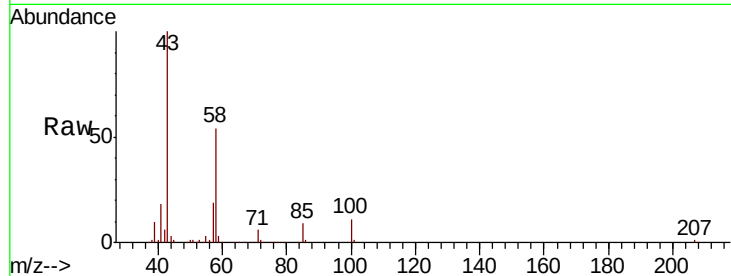




#59
2-Hexanone
Concen: 88.258 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060626.D
Acq: 19 Mar 2020 11:02

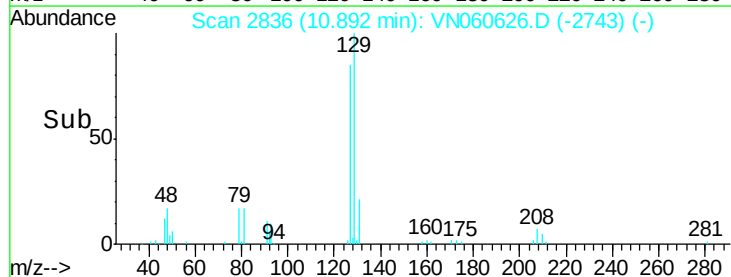
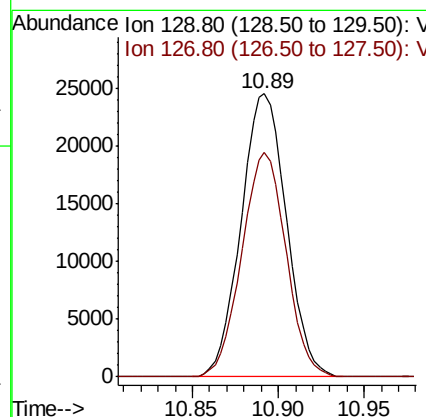
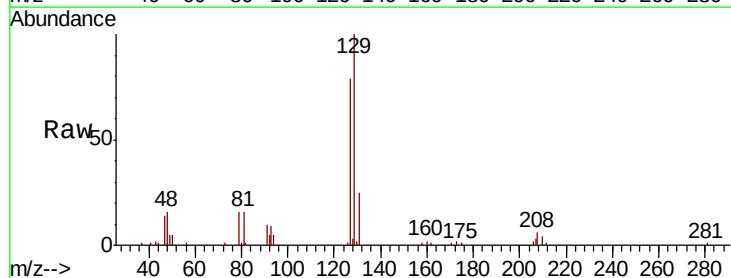
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBS01

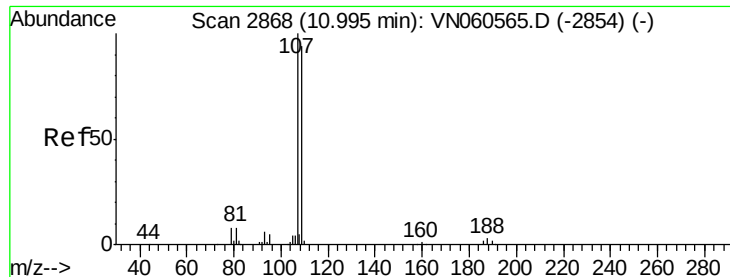
Tot Ion: 43 Resp: 213926
Ion Ratio Lower Upper
43 100
58 53.1 26.7 80.1



#60
Dibromochloromethane
Concen: 18.655 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060626.D
Acq: 19 Mar 2020 11:02

Tgt Ion: 129 Resp: 44847
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 18.618 ug/l

RT: 10.99 min Scan# 2868

Delta R.T. -0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

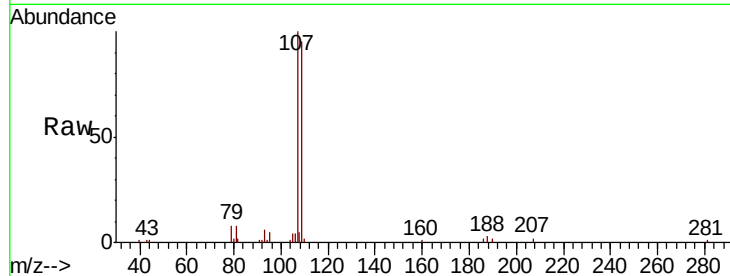
VN0319WBS01

Tot Ion:107 Resp: 43573

Ion Ratio Lower Upper

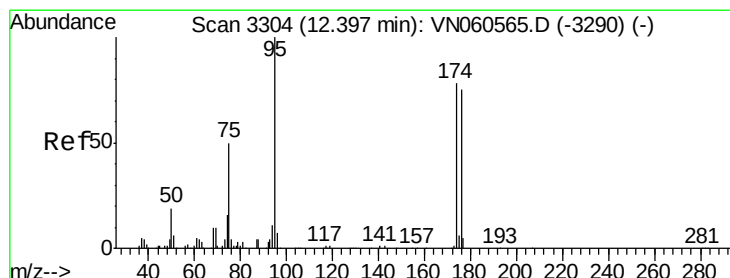
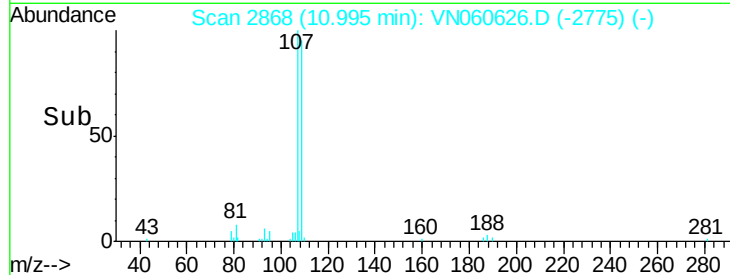
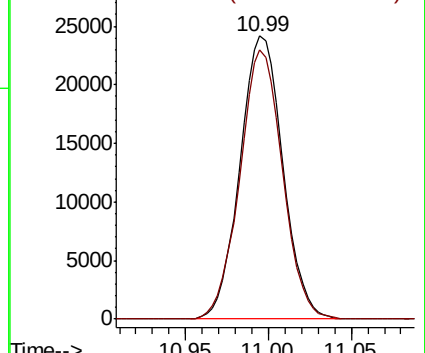
107 100

109 94.5 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.002 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

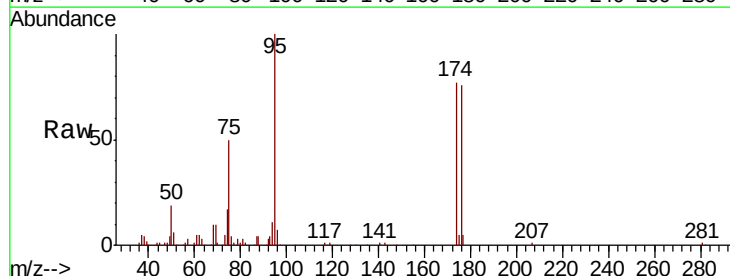
Tgt Ion: 95 Resp: 139592

Ion Ratio Lower Upper

95 100

174 77.8 0.0 157.6

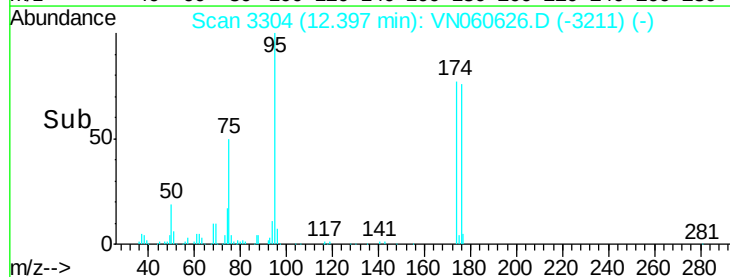
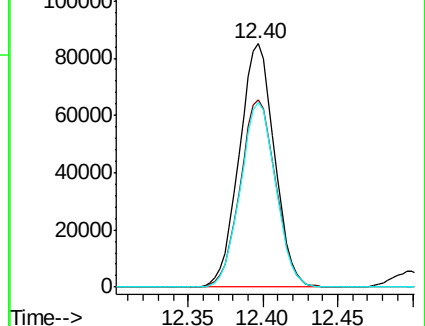
176 75.9 0.0 150.6

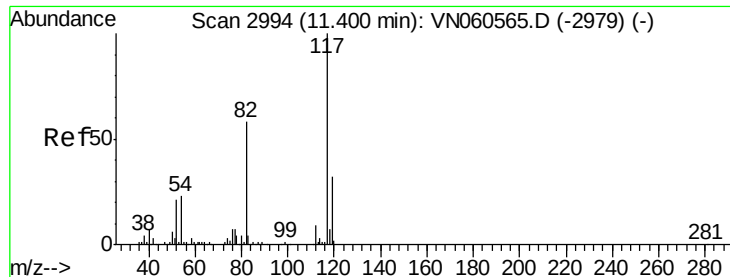


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

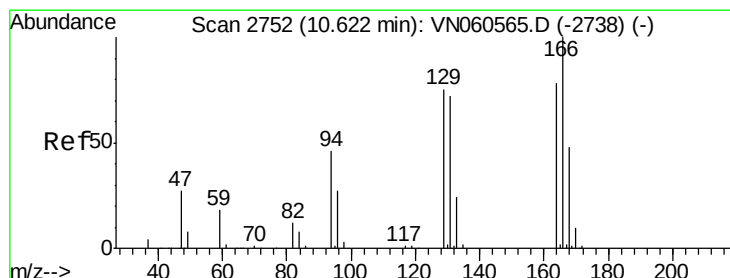
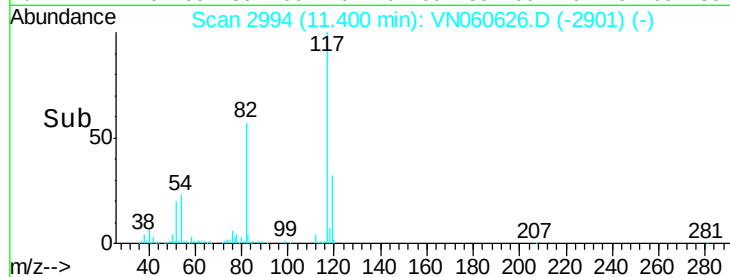
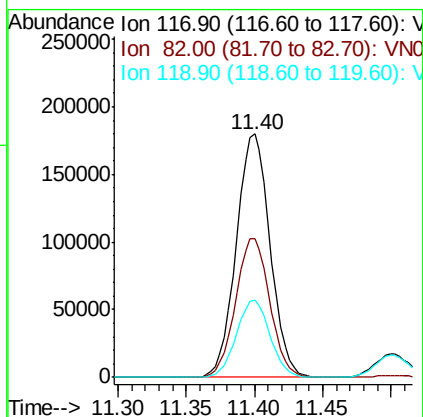
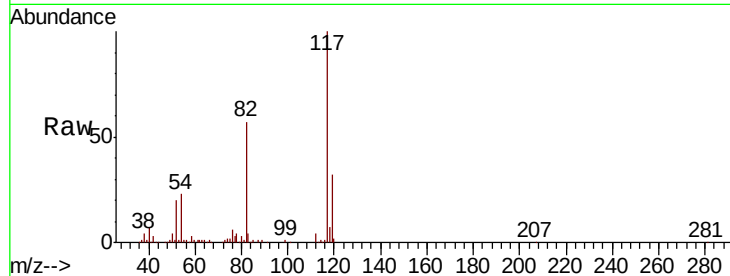




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060626.D
Acq: 19 Mar 2020 11:02

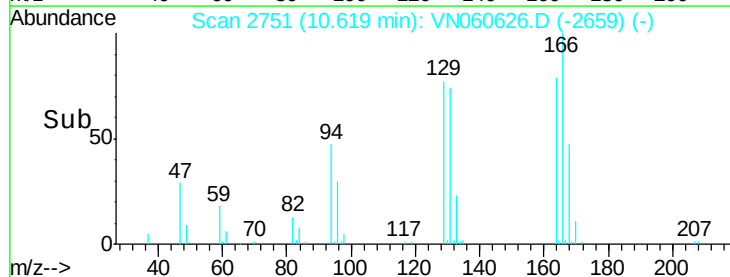
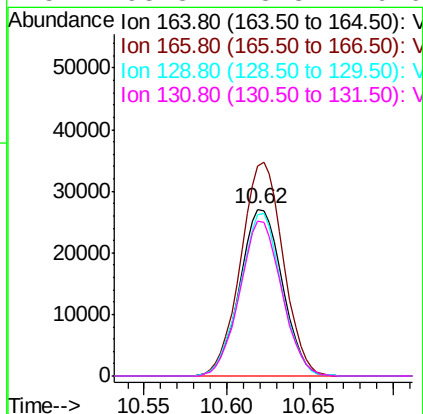
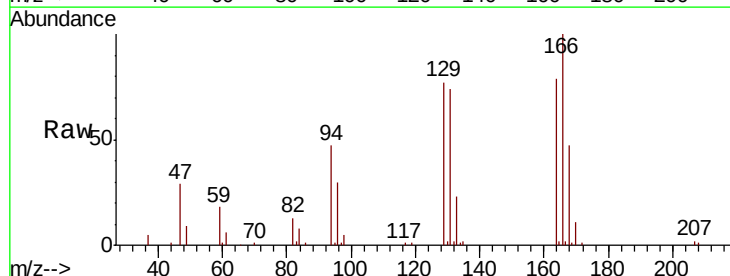
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBS01

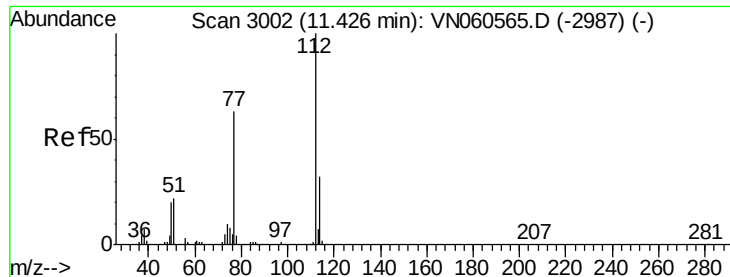
Tot Ion:117 Resp: 309139
Ion Ratio Lower Upper
117 100
82 56.9 46.7 70.1
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 19.875 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060626.D
Acq: 19 Mar 2020 11:02

Tgt Ion:164 Resp: 48349
Ion Ratio Lower Upper
164 100
166 125.8 102.7 154.1
129 97.0 77.2 115.8
131 93.3 73.8 110.6

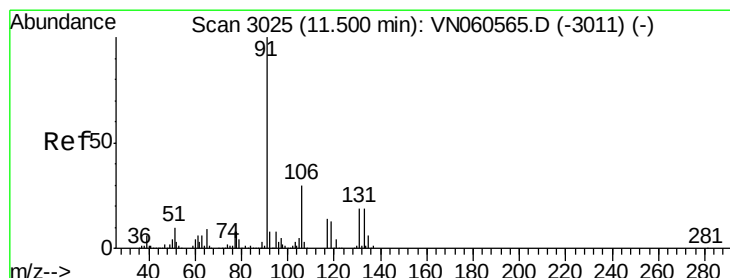
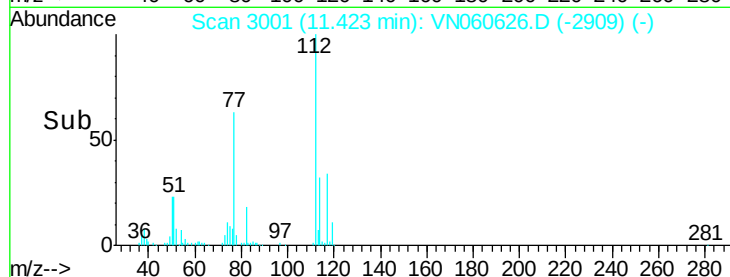
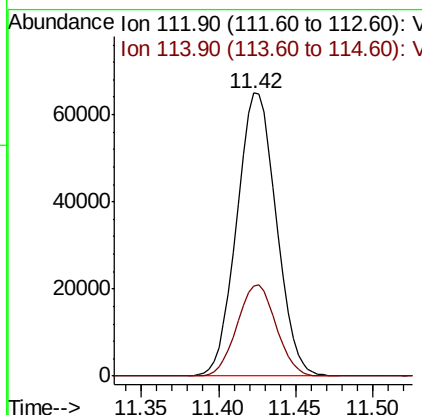
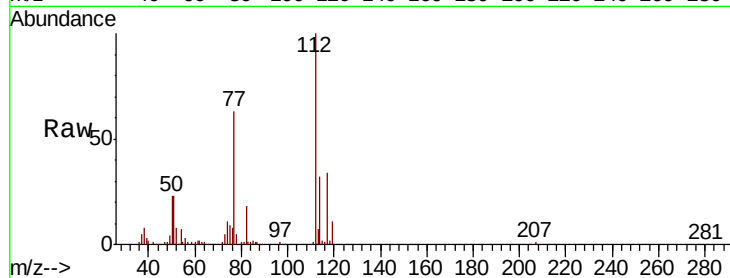




#65
Chlorobenzene
Concen: 18.839 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN060626.D
Acq: 19 Mar 2020 11:02

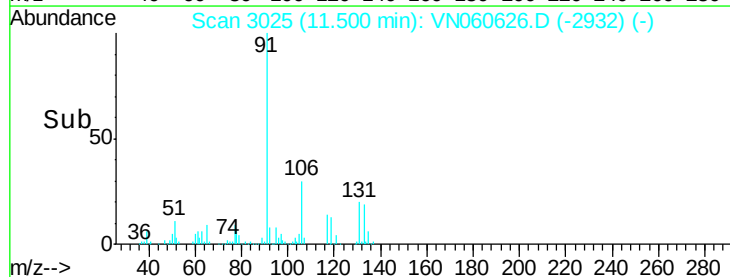
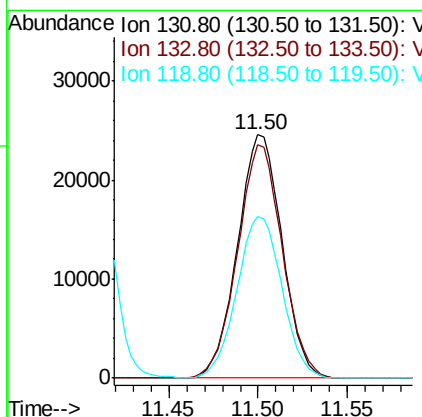
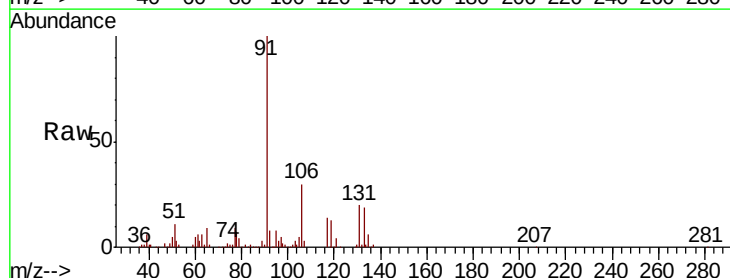
Instrument :
MSVOA_N
ClientSampled :
VN0319WBS01

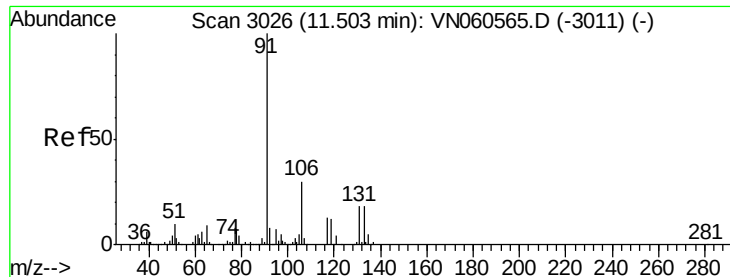
Tot Ion:112 Resp: 115455
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.268 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060626.D
Acq: 19 Mar 2020 11:02

Tgt Ion:131 Resp: 42753
Ion Ratio Lower Upper
131 100
133 96.6 48.9 146.8
119 67.2 33.9 101.7





#67

Ethyl Benzene

Concen: 19.358 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

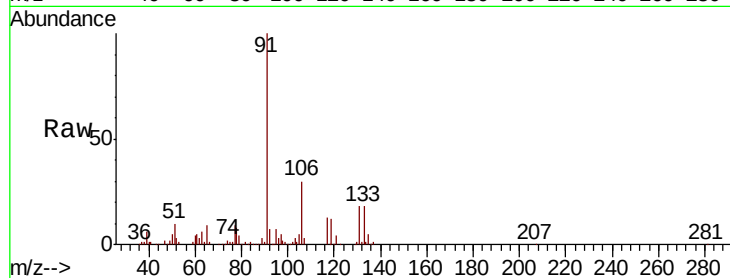
VN0319WBS01

Tot Ion: 91 Resp: 220622

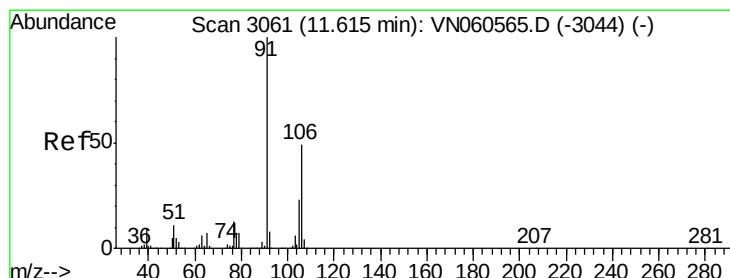
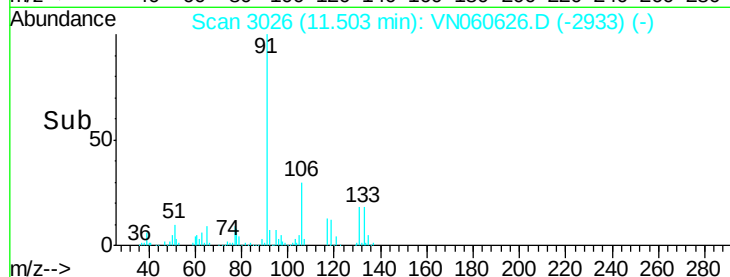
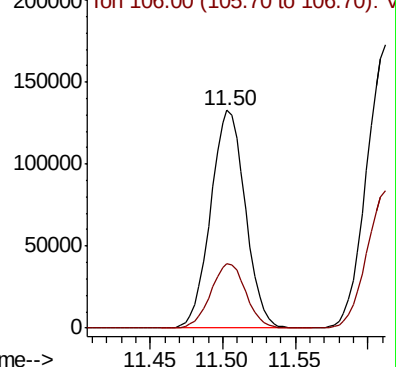
Ion Ratio Lower Upper

91 100

106 29.7 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VN060626.D (-2933) (-)



#68

m/p-Xylenes

Concen: 38.373 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060626.D

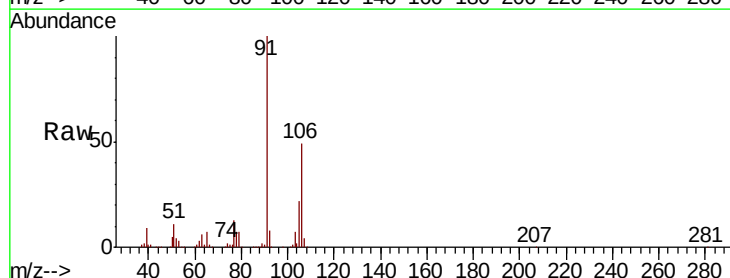
Acq: 19 Mar 2020 11:02

Tgt Ion: 106 Resp: 162513

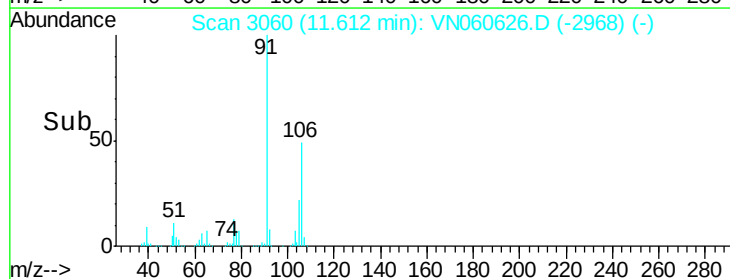
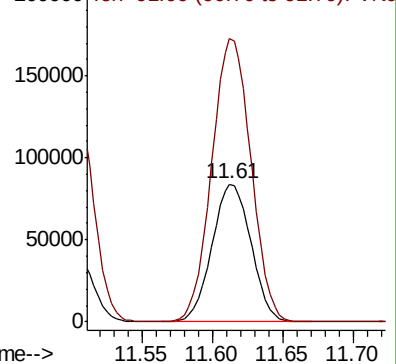
Ion Ratio Lower Upper

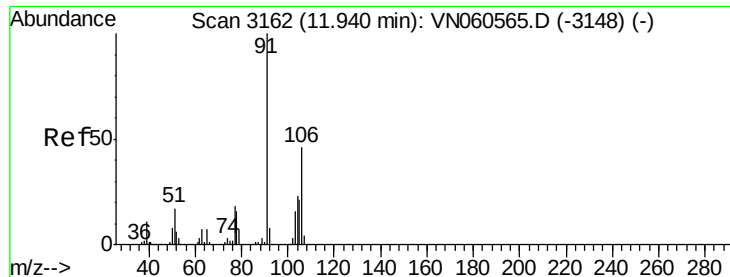
106 100

91 207.4 165.0 247.4



Abundance Ion 106.00 (105.70 to 106.70): VN060626.D (-2968) (-)

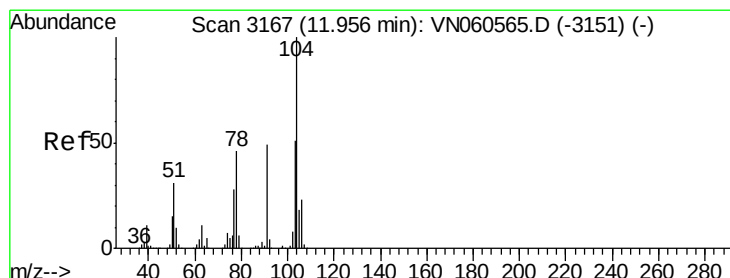
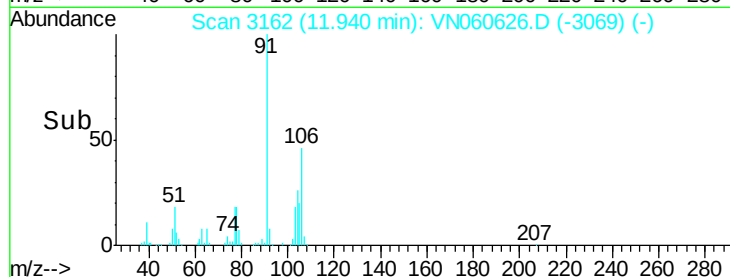
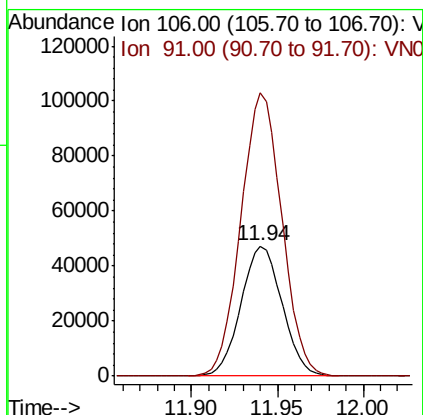
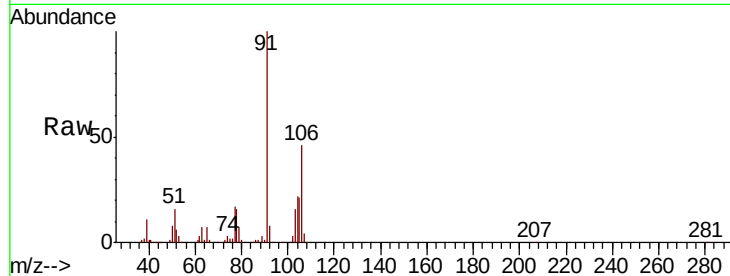




#69
o-Xylene
Concen: 19.418 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060626.D
Acq: 19 Mar 2020 11:02

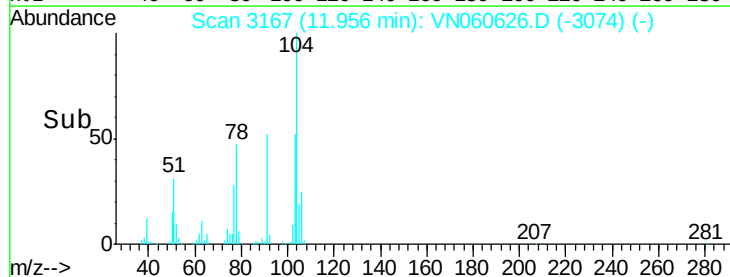
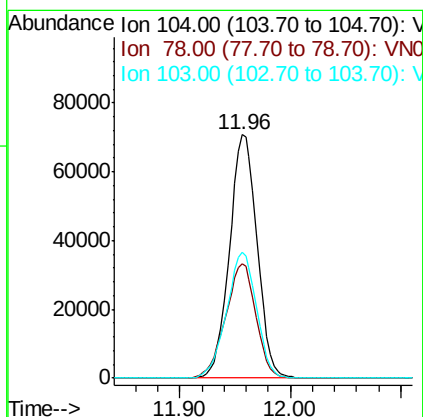
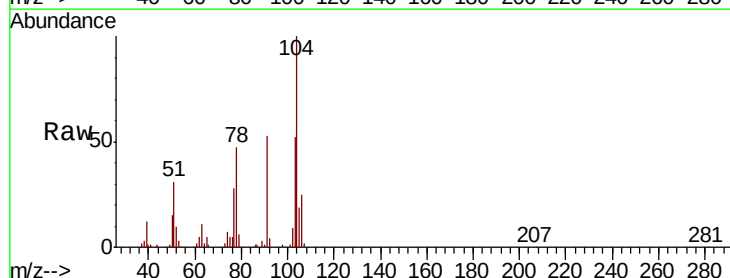
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBS01

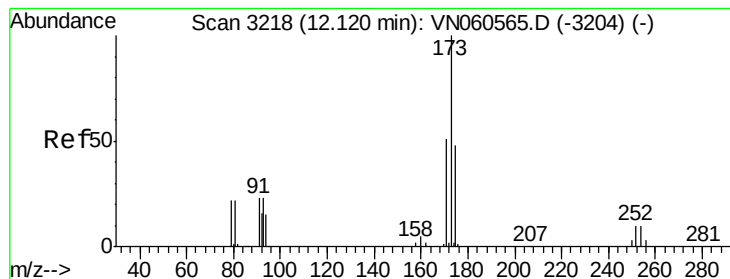
Tot Ion:106 Resp: 78504
Ion Ratio Lower Upper
106 100
91 216.9 109.5 328.4



#70
Styrene
Concen: 18.611 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060626.D
Acq: 19 Mar 2020 11:02

Tgt Ion:104 Resp: 123055
Ion Ratio Lower Upper
104 100
78 51.4 41.2 61.8
103 55.8 44.0 66.0





#71

Bromoform

Concen: 17.863 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBS01

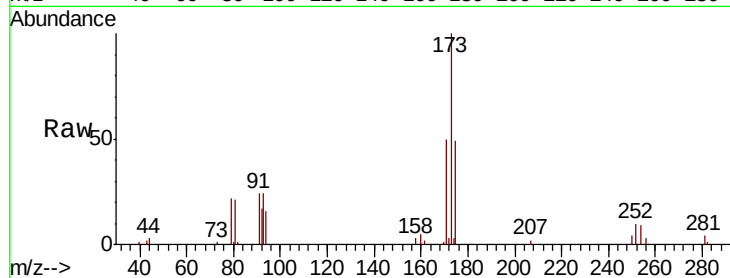
Tot Ion:173 Resp: 30882

Ion Ratio Lower Upper

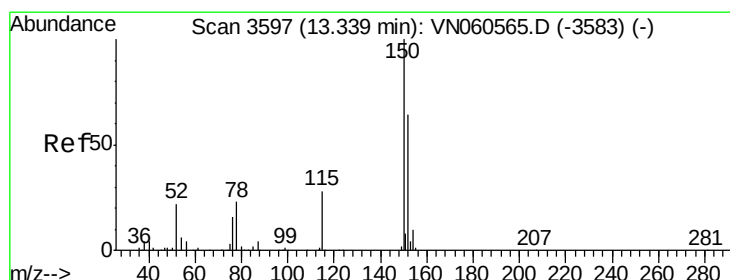
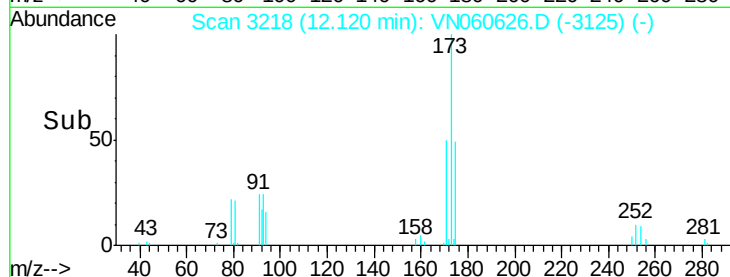
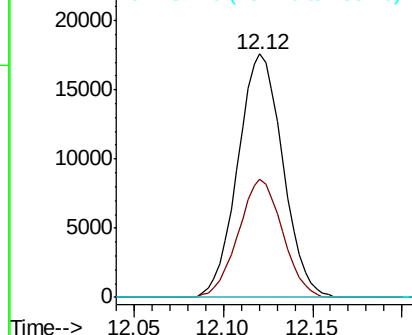
173 100

175 47.5 24.1 72.4

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

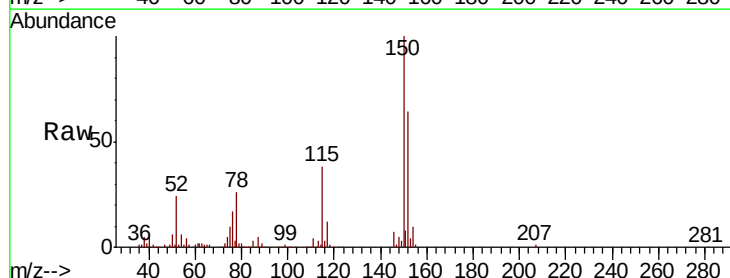
Tgt Ion:152 Resp: 141794

Ion Ratio Lower Upper

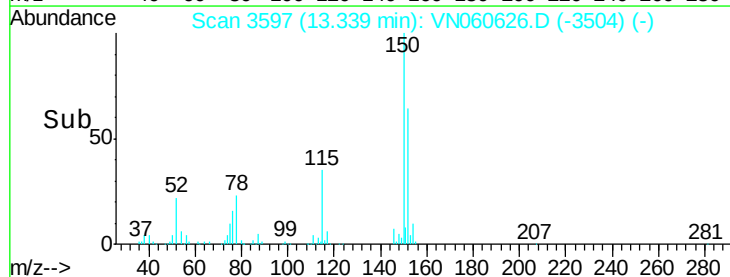
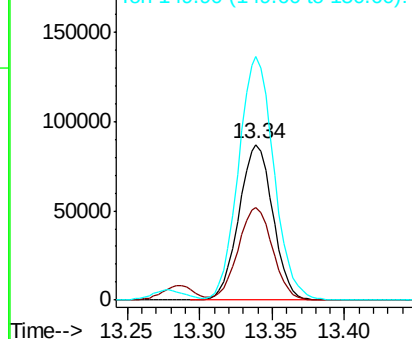
152 100

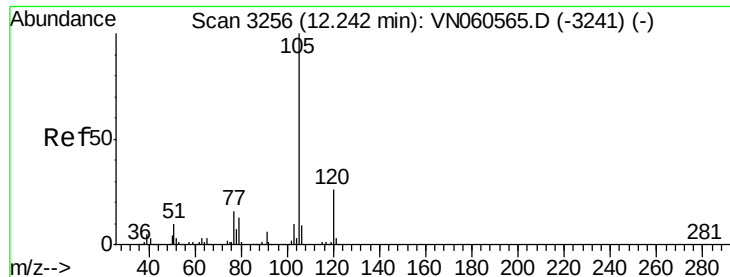
115 60.3 30.2 90.6

150 163.6 0.0 350.2



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





#73

Isopropylbenzene

Concen: 19.456 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampled :

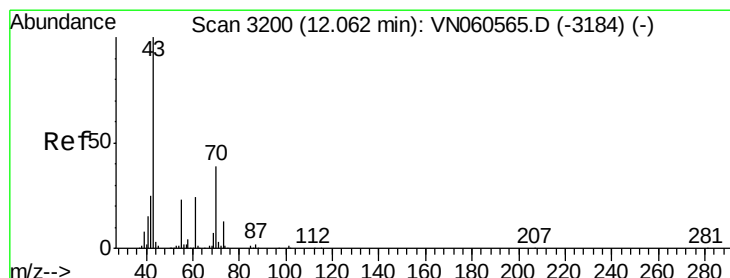
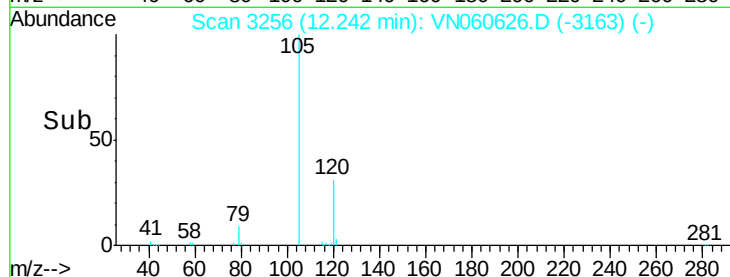
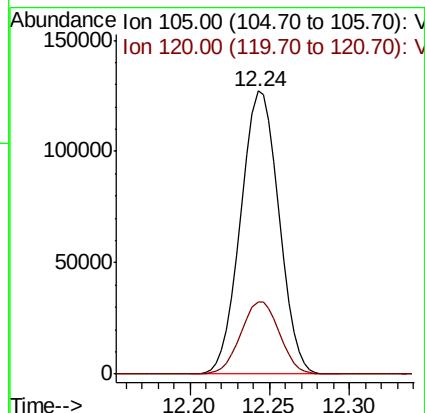
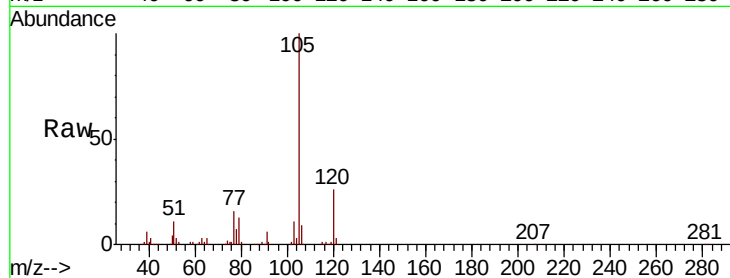
VN0319WBS01

Tot Ion:105 Resp: 207029

Ion Ratio Lower Upper

105 100

120 25.9 13.1 39.1



#74

N-ethyl acetate

Concen: 18.094 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

Tgt Ion: 43 Resp: 88971

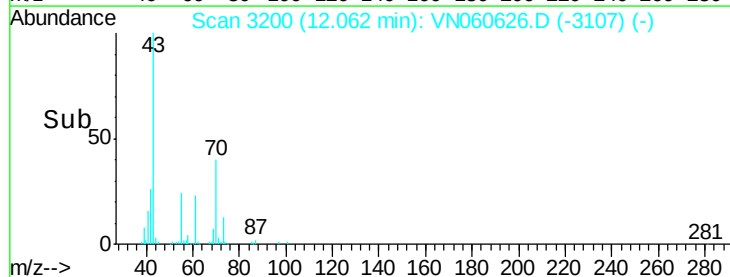
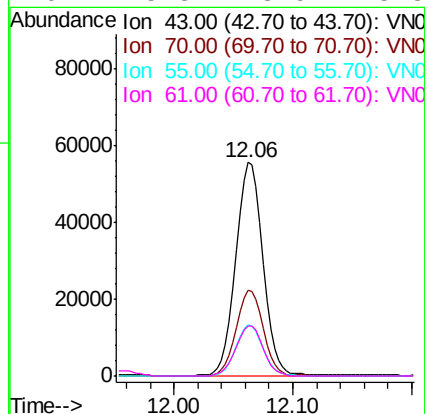
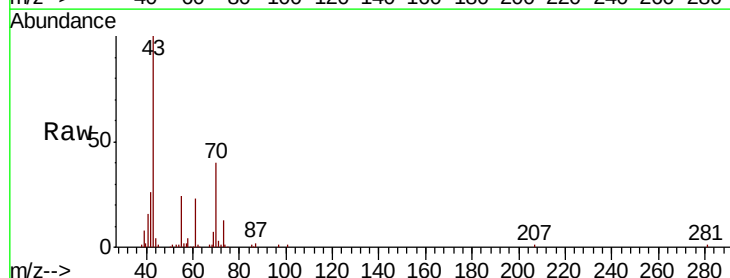
Ion Ratio Lower Upper

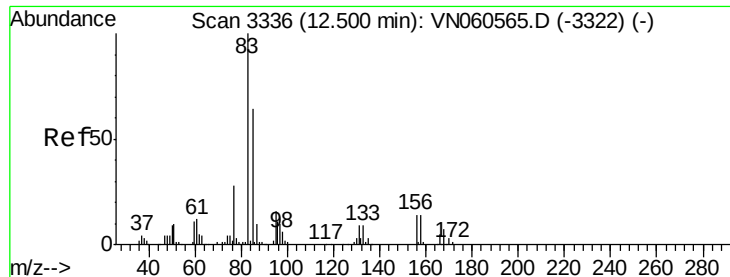
43 100

70 39.8 31.1 46.7

55 23.7 18.6 27.8

61 23.3 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.336 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBS01

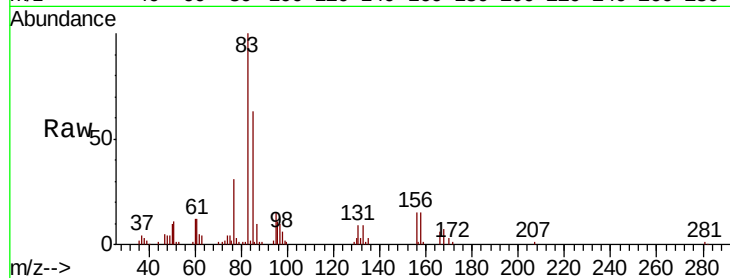
Tot Ion: 83 Resp: 59005

Ion Ratio Lower Upper

83 100

131 9.2 4.9 14.7

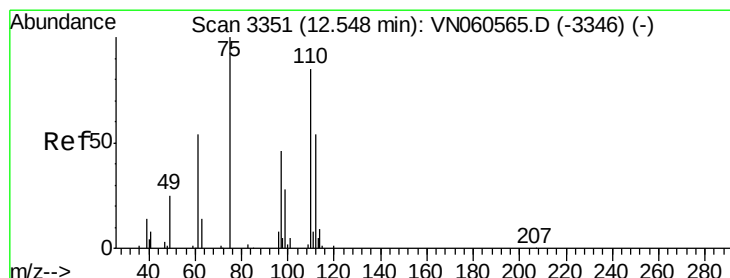
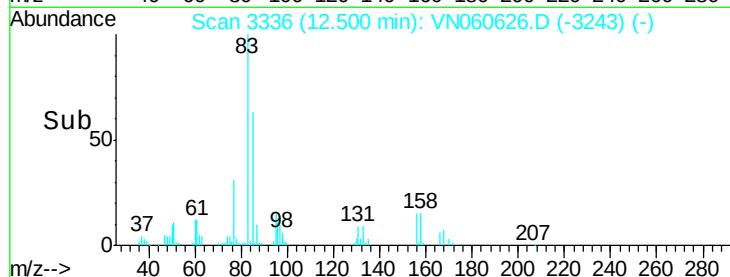
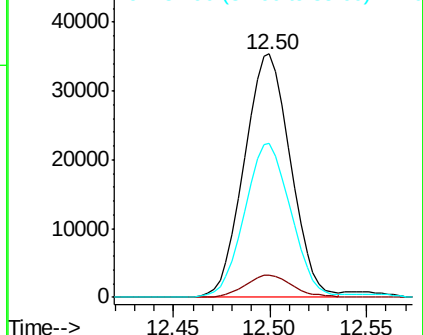
85 63.2 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 25.892 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060626.D

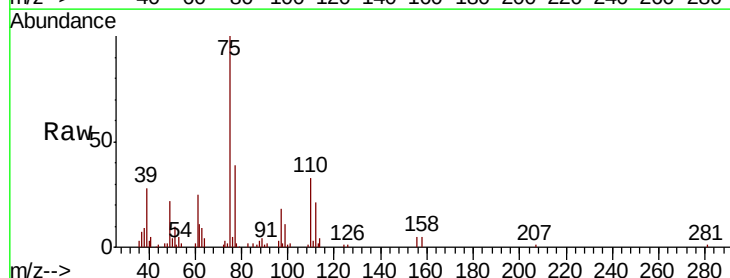
Acq: 19 Mar 2020 11:02

Tgt Ion: 75 Resp: 79221

Ion Ratio Lower Upper

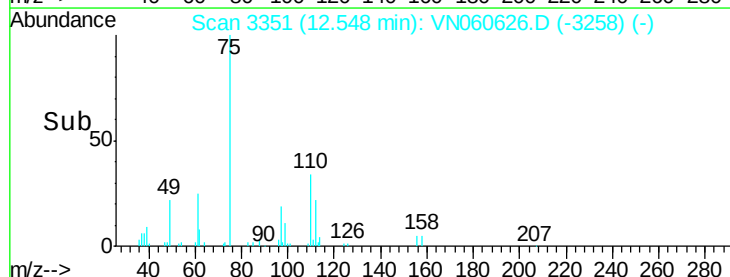
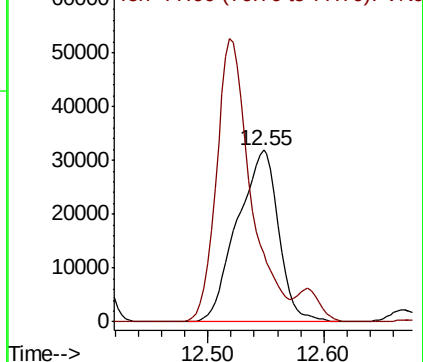
75 100

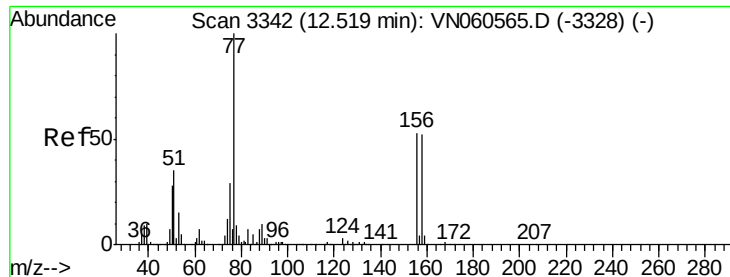
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.721 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBS01

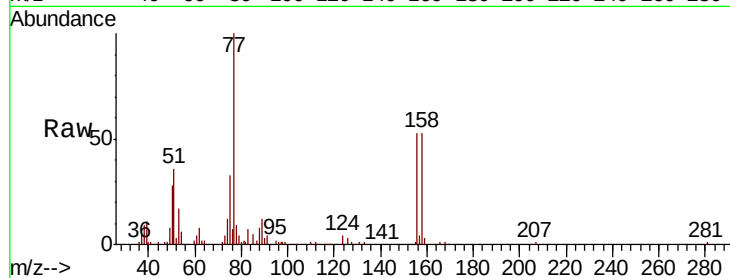
Tot Ion:156 Resp: 48004

Ion Ratio Lower Upper

156 100

77 224.2 112.3 337.0

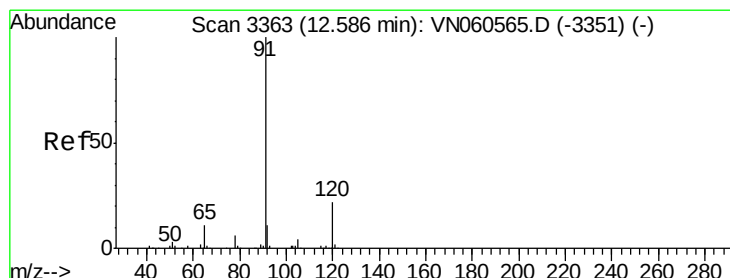
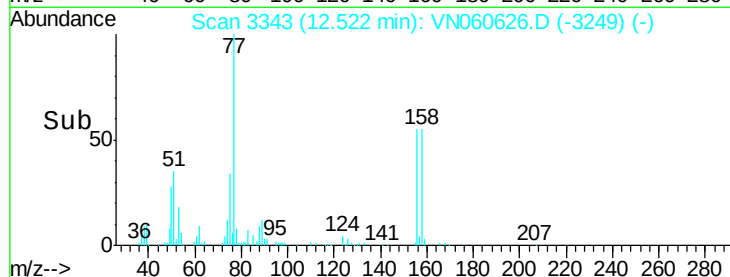
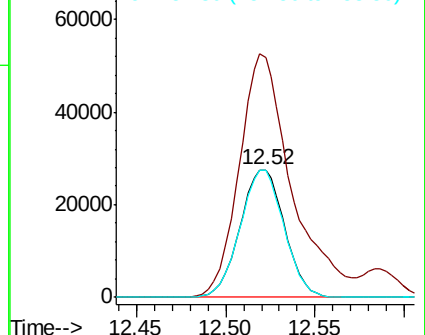
158 98.2 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.294 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060626.D

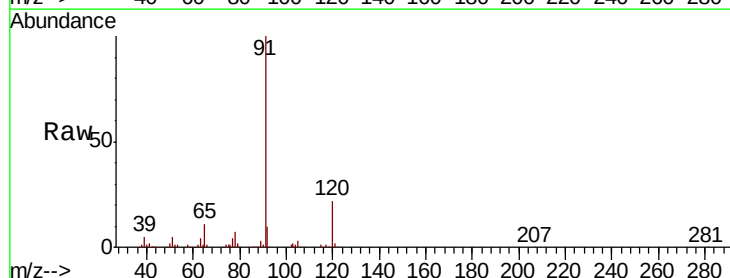
Acq: 19 Mar 2020 11:02

Tgt Ion: 91 Resp: 242565

Ion Ratio Lower Upper

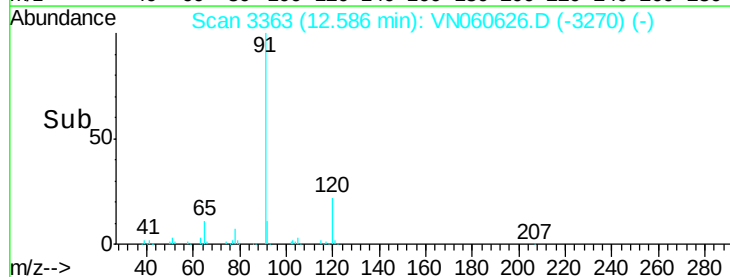
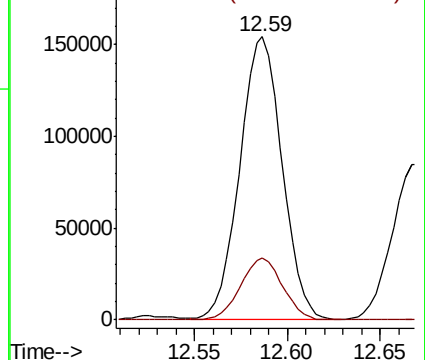
91 100

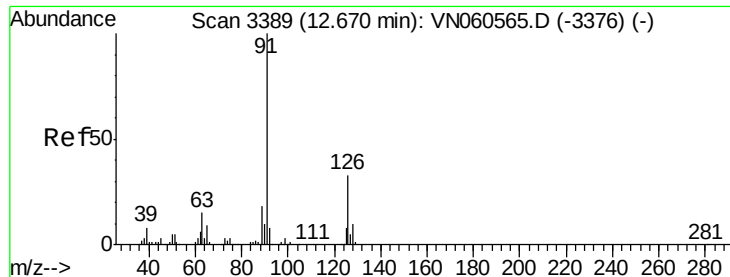
120 21.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.971 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

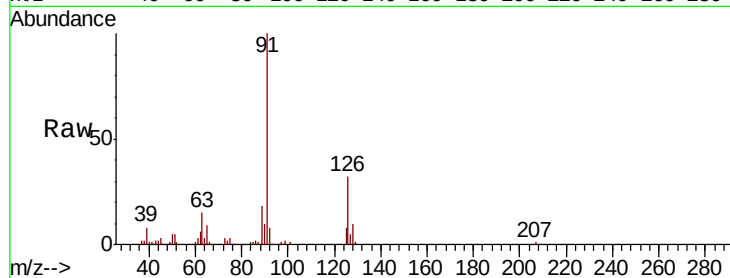
VN0319WBS01

Tot Ion: 91 Resp: 142504

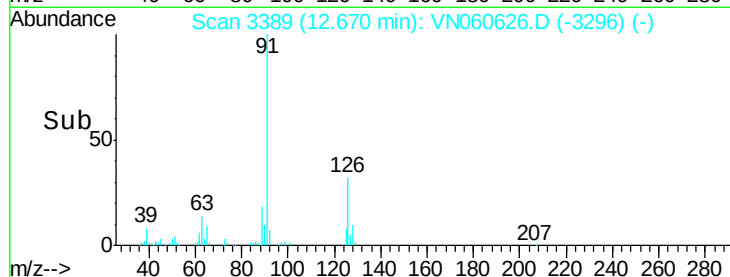
Ion Ratio Lower Upper

91 100

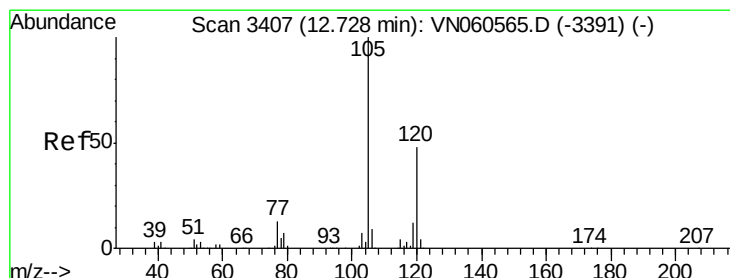
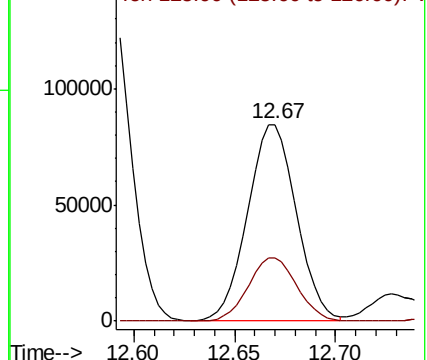
126 32.4 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN060626.D (-3296) (-)



Ion 125.90 (125.60 to 126.60): VN060626.D (-3296) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.193 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060626.D

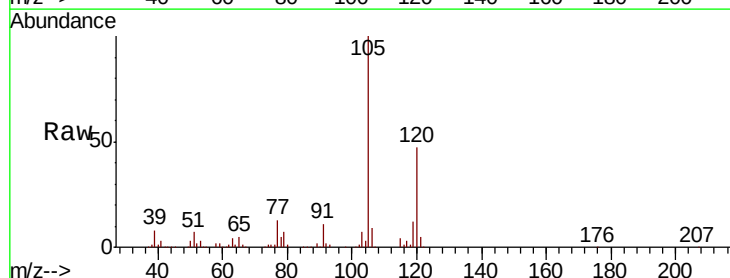
Acq: 19 Mar 2020 11:02

Tgt Ion:105 Resp: 173322

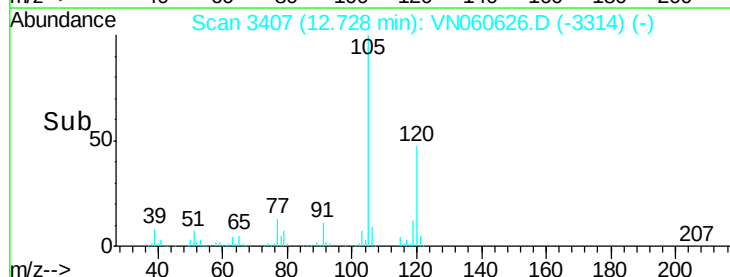
Ion Ratio Lower Upper

105 100

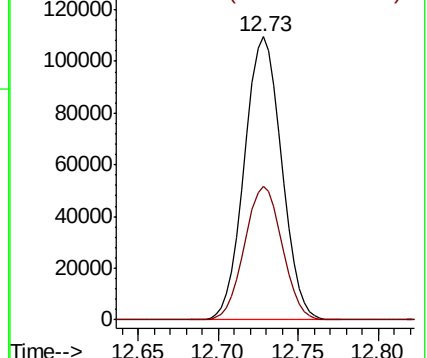
120 47.7 23.9 71.7

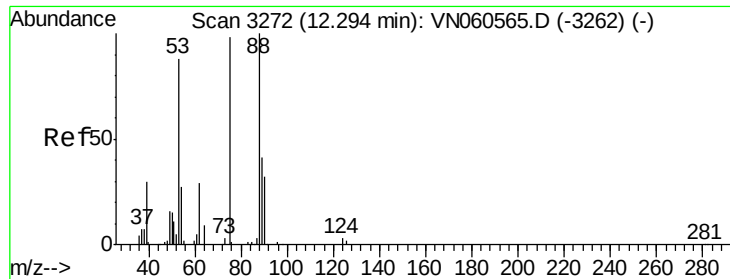


Abundance Ion 105.00 (104.70 to 105.70): VN060626.D (-3314) (-)



Ion 120.00 (119.70 to 120.70): VN060626.D (-3314) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.061 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampled :

VN0319WBS01

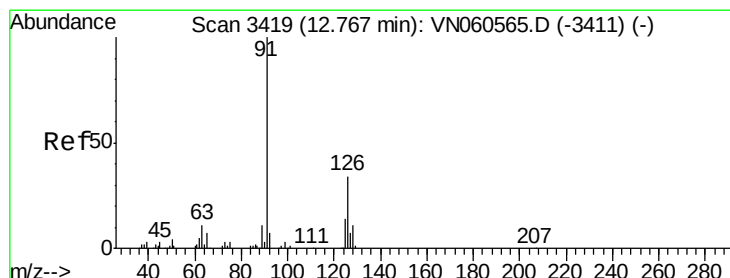
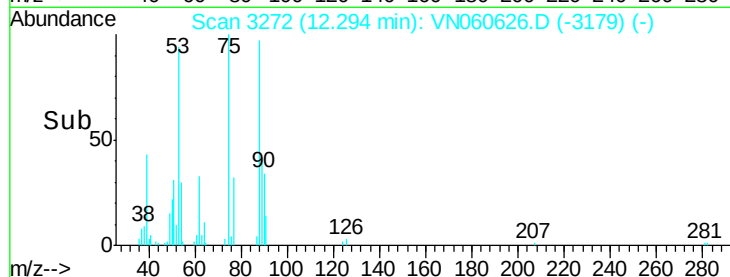
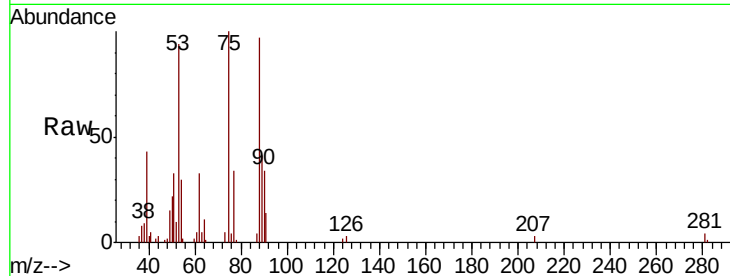
Tot Ion: 75 Resp: 21516

Ion Ratio Lower Upper

75 100

53 93.8 73.0 109.4

89 41.0 34.8 52.2



#82

4-Chlorotoluene

Concen: 19.102 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN060626.D

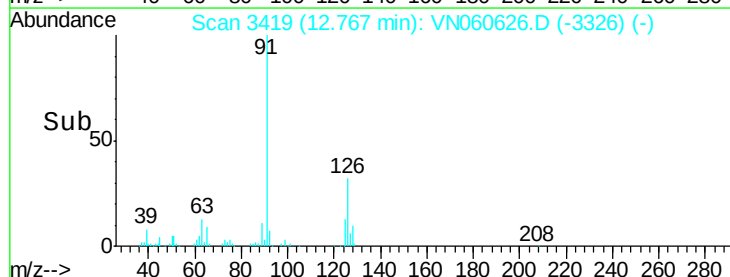
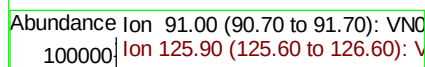
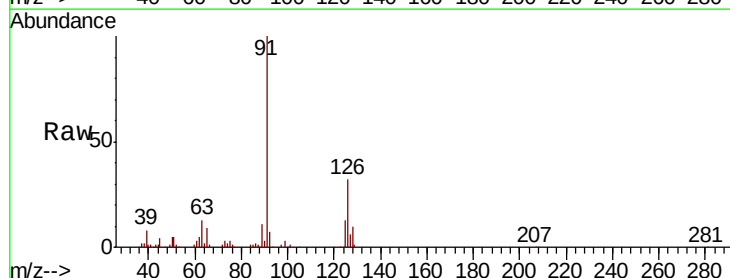
Acq: 19 Mar 2020 11:02

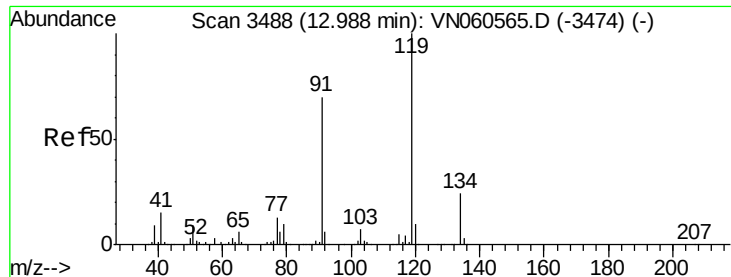
Tgt Ion: 91 Resp: 146138

Ion Ratio Lower Upper

91 100

126 32.2 16.2 48.5

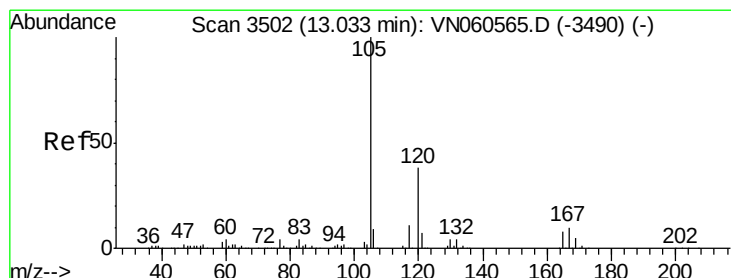
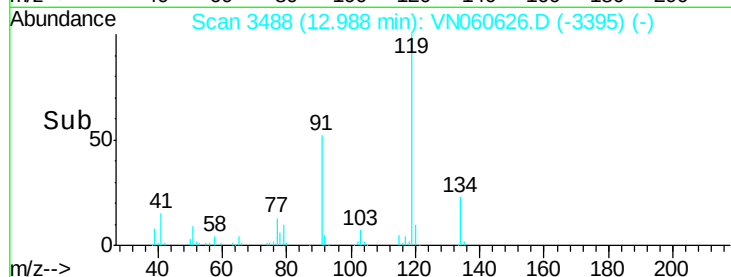
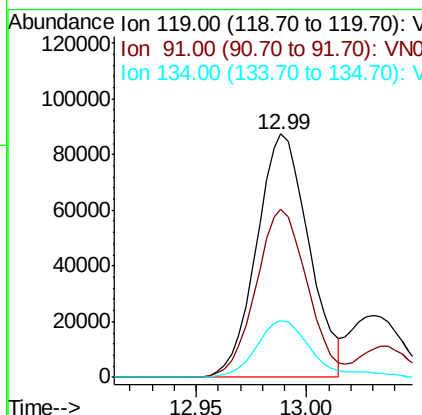
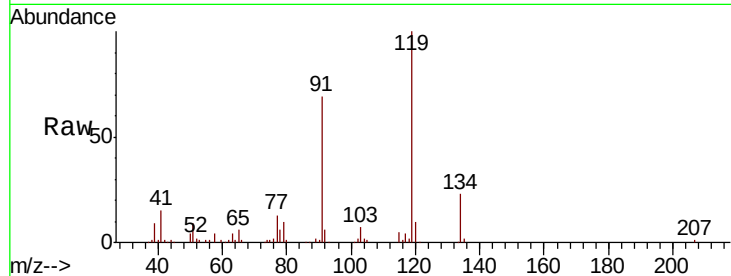




#83
 tert-Butylbenzene
 Concen: 19.185 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060626.D
 Acq: 19 Mar 2020 11:02

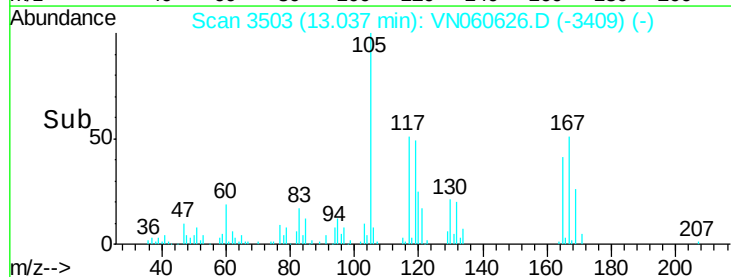
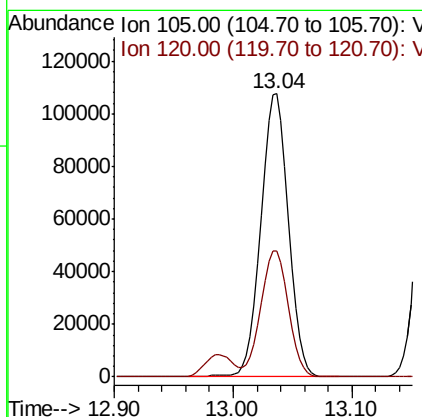
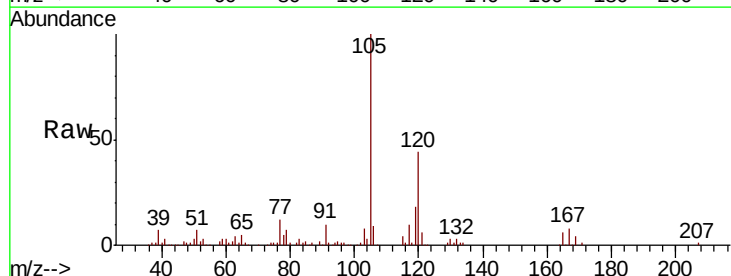
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBS01

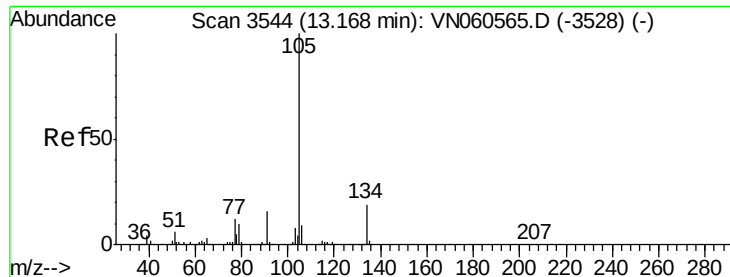
Tot Ion:119 Resp: 143618
 Ion Ratio Lower Upper
 119 100
 91 67.9 34.0 101.8
 134 25.1 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.307 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060626.D
 Acq: 19 Mar 2020 11:02

Tgt Ion:105 Resp: 172484
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.1 66.5





#85

sec-Butylbenzene

Concen: 19.214 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampled :

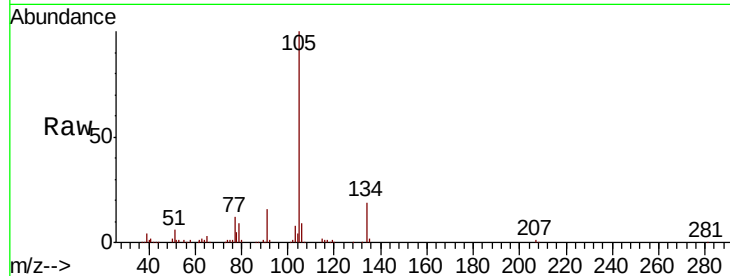
VN0319WBS01

Tot Ion:105 Resp: 193416

Ion Ratio Lower Upper

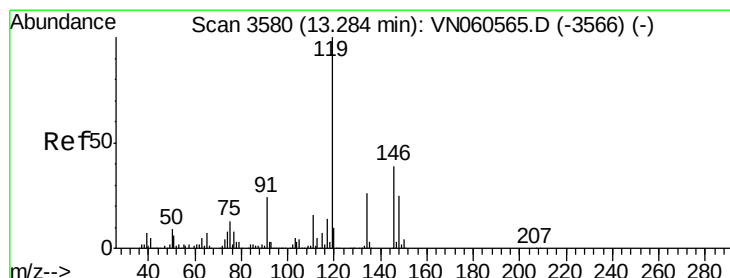
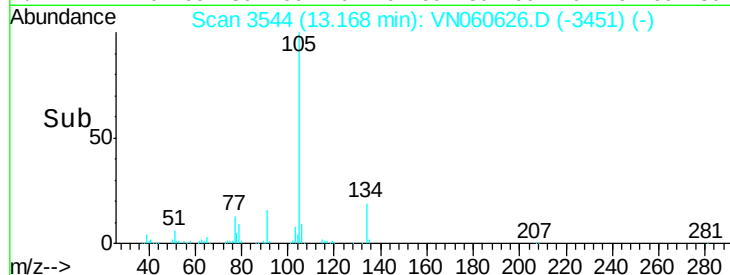
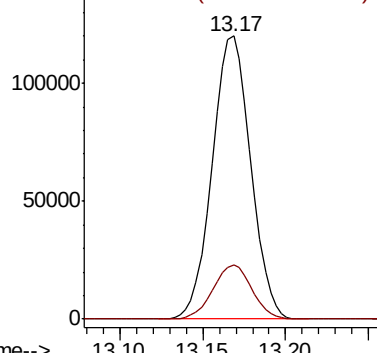
105 100

134 19.3 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.057 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

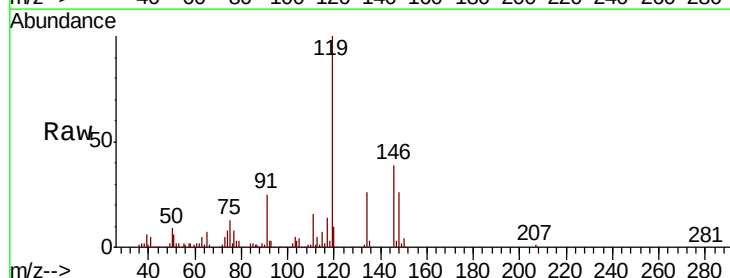
Tgt Ion:119 Resp: 172505

Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

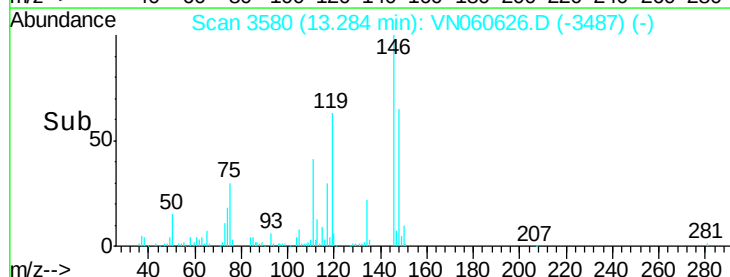
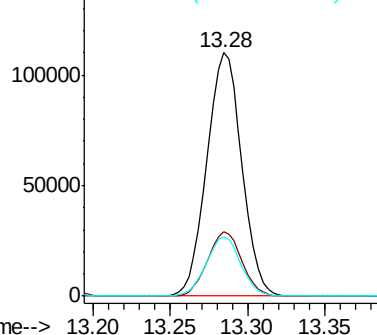
91 24.2 12.0 36.0

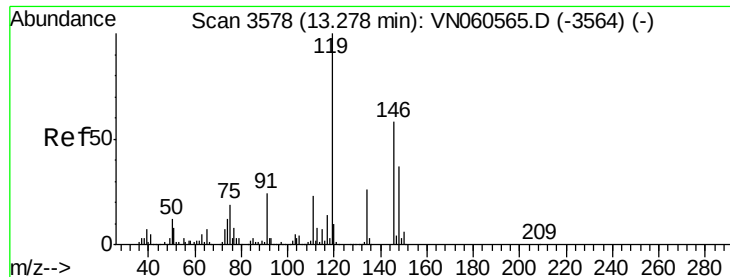


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

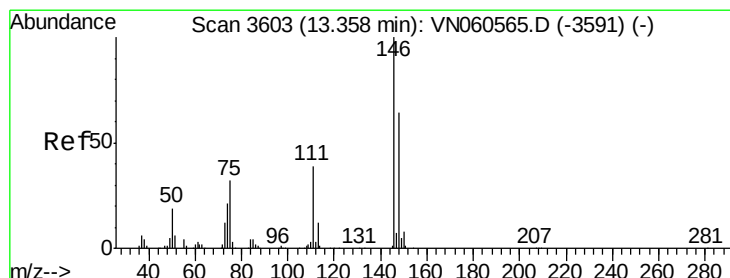
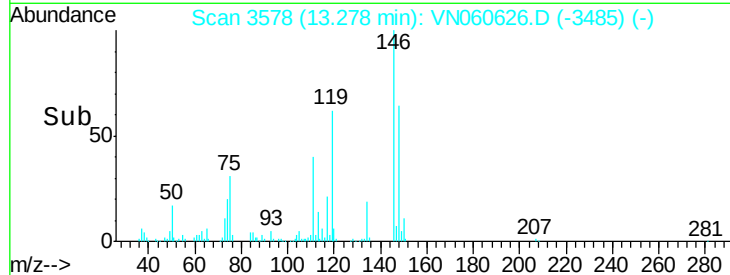
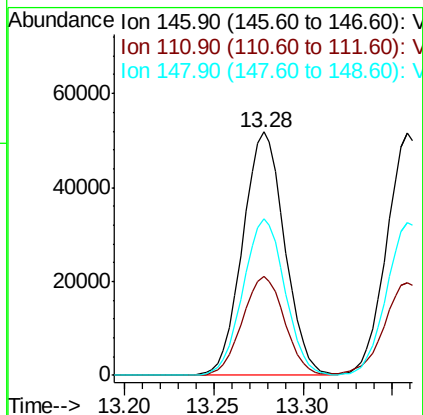
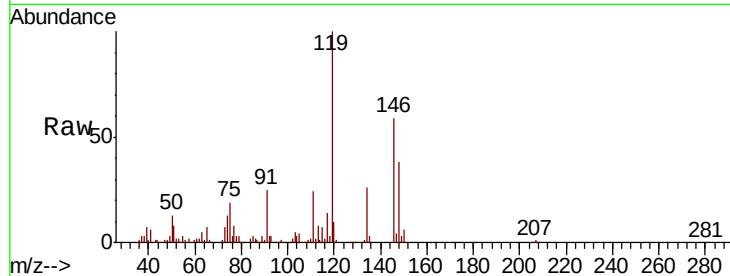




#87
 1,3-Dichlorobenzene
 Concen: 18.804 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060626.D
 Acq: 19 Mar 2020 11:02

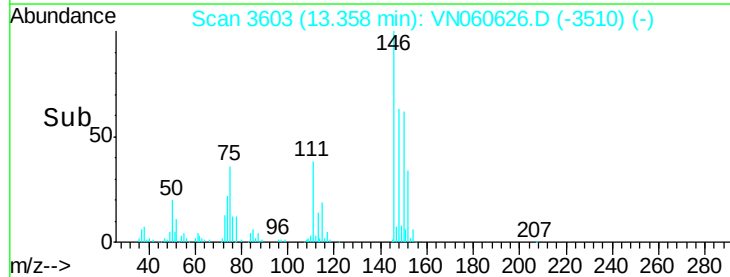
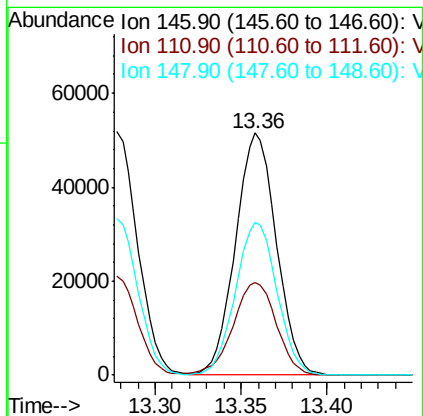
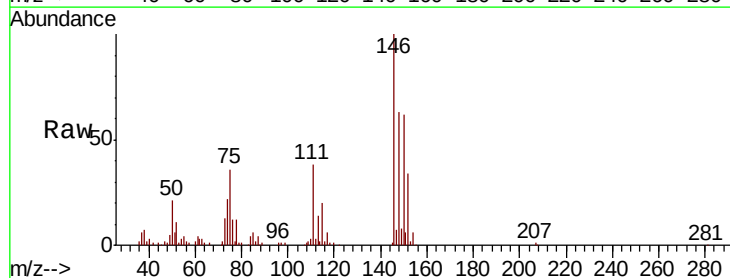
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBS01

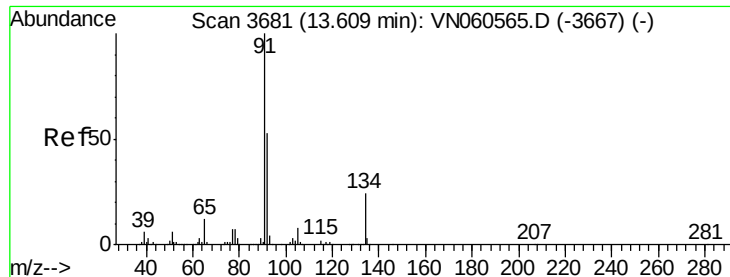
Tot Ion:146 Resp: 85039
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.3 60.8
 148 64.1 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 18.722 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN060626.D
 Acq: 19 Mar 2020 11:02

Tgt Ion:146 Resp: 85063
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.6 58.7
 148 63.9 32.1 96.3





#89

n-Butylbenzene

Concen: 19.015 ug/l

RT: 13.61 min Scan# 3681

Delta R.T. -0.00 min

Lab File: VN060626.D

Acq: 19 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampled :

VN0319WBS01

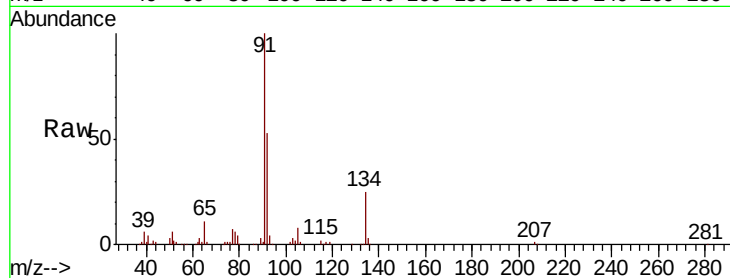
Tot Ion: 91 Resp: 155398

Ion Ratio Lower Upper

91 100

92 52.4 26.2 78.5

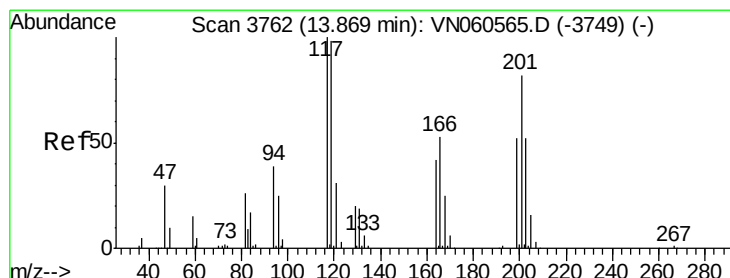
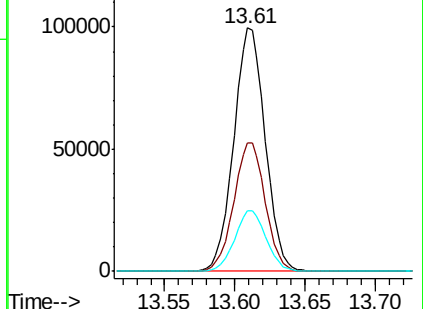
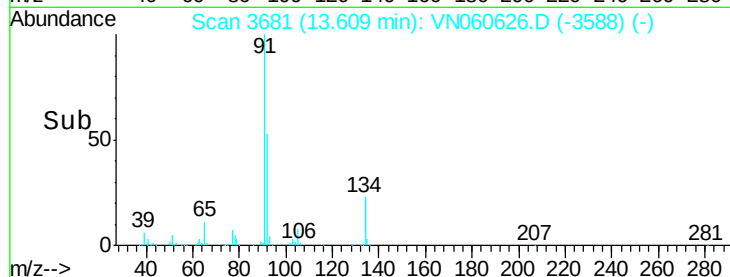
134 24.9 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN060626.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN060626.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN060626.D (-3669) (-)



#90

Hexachloroethane

Concen: 18.541 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. -0.00 min

Lab File: VN060626.D

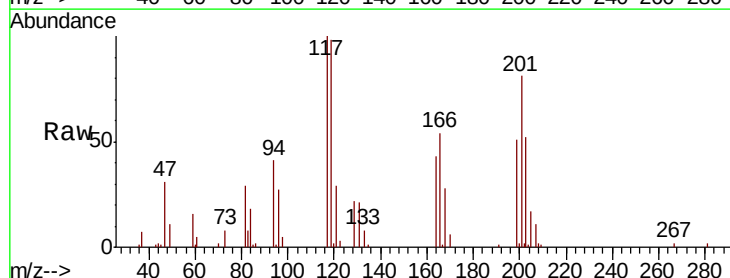
Acq: 19 Mar 2020 11:02

Tgt Ion: 117 Resp: 24396

Ion Ratio Lower Upper

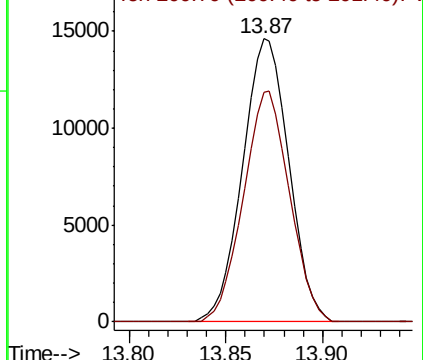
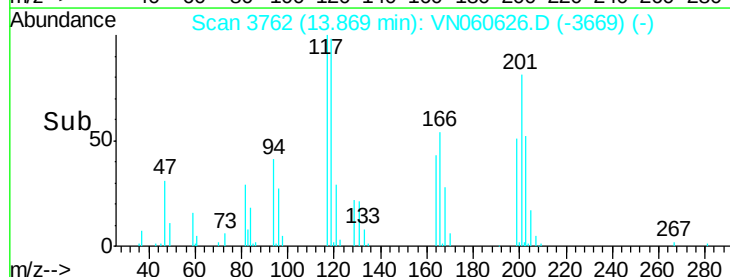
117 100

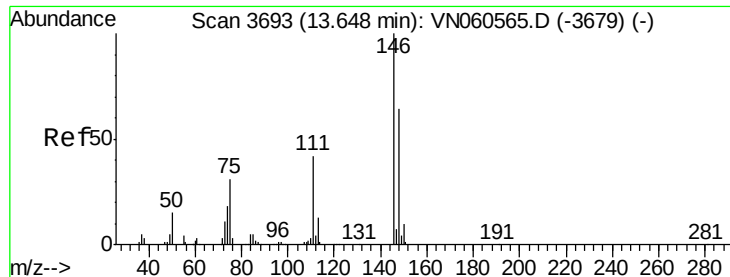
201 81.2 40.8 122.5



Abundance Ion 116.80 (116.50 to 117.50): VN060626.D (-3669) (-)

Ion 200.70 (200.40 to 201.40): VN060626.D (-3669) (-)

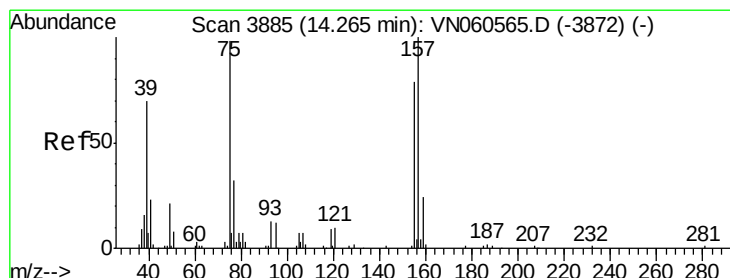
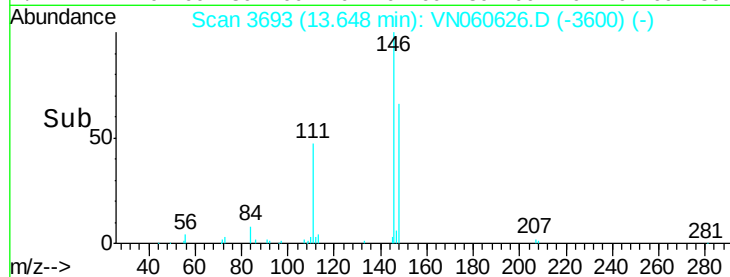
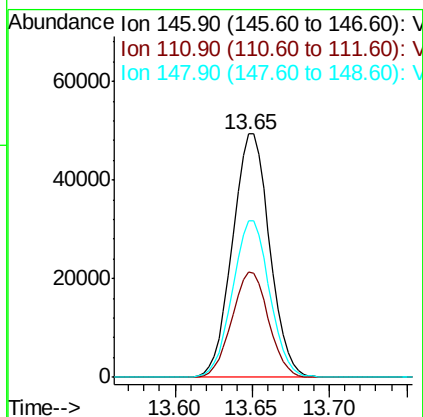
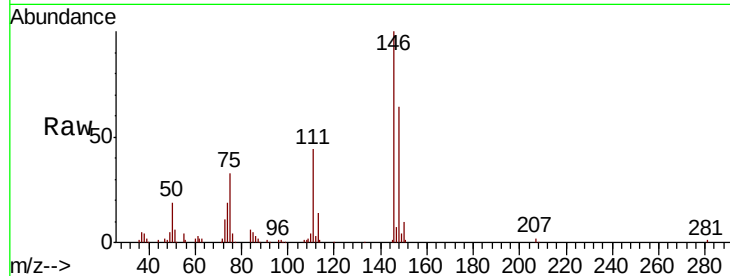




#91
 1,2-Dichlorobenzene
 Concen: 19.083 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. -0.00 min
 Lab File: VN060626.D
 Acq: 19 Mar 2020 11:02

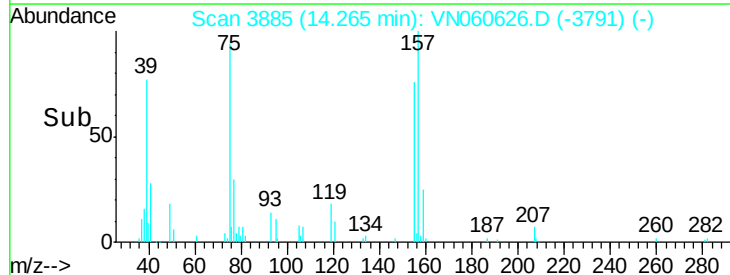
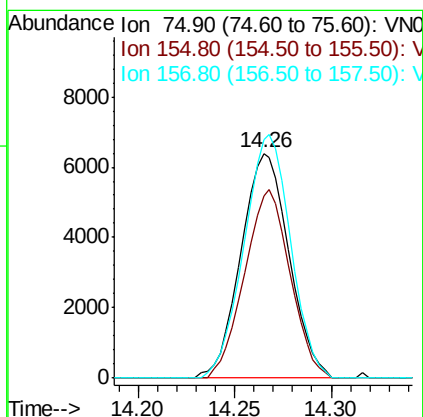
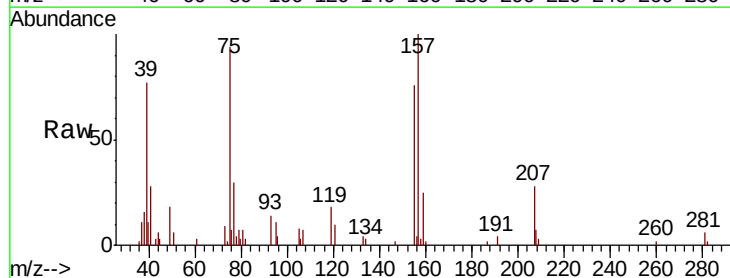
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBS01

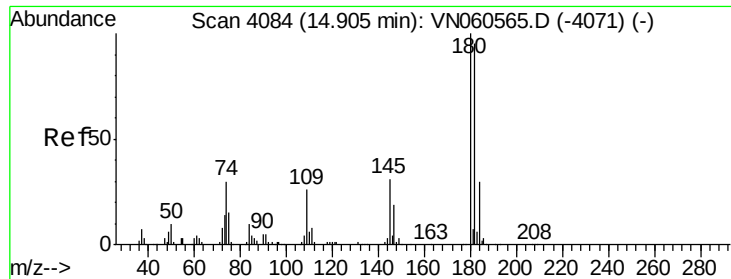
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.0	63.0
148	64.2	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.204 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060626.D
 Acq: 19 Mar 2020 11:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.4	40.7	122.1
157	105.1	51.5	154.7

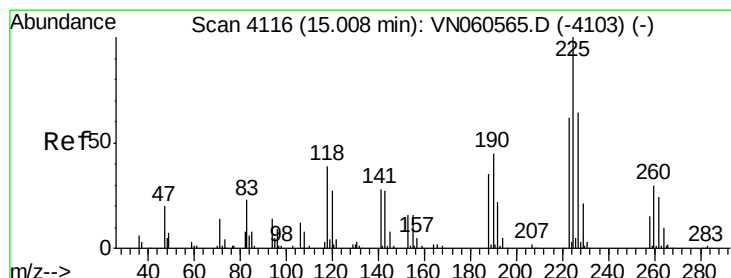
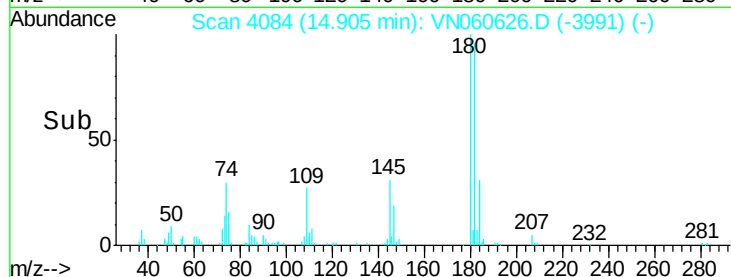
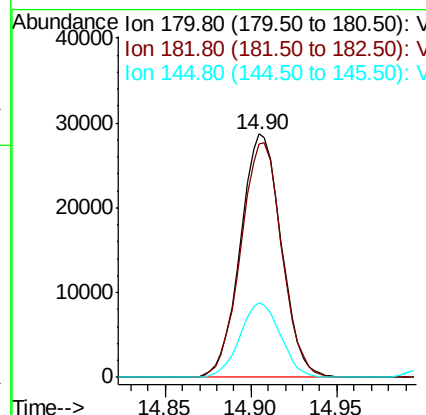
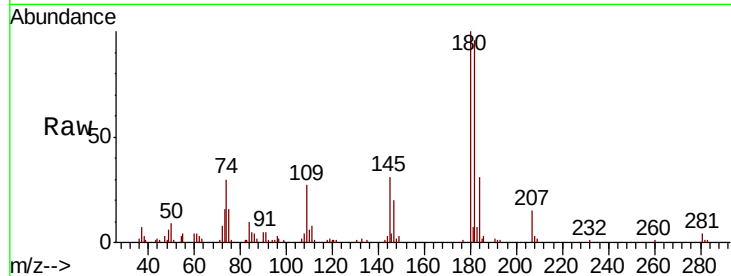




#93
 1,2,4-Trichlorobenzene
 Concen: 17.853 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060626.D
 Acq: 19 Mar 2020 11:02

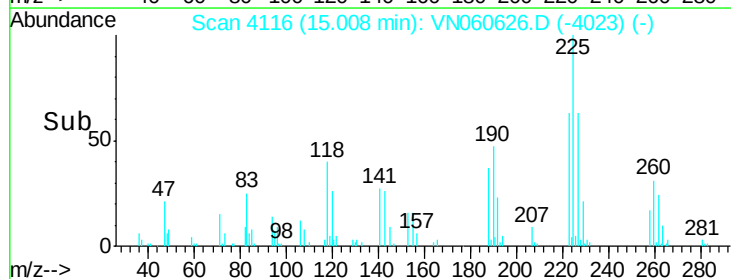
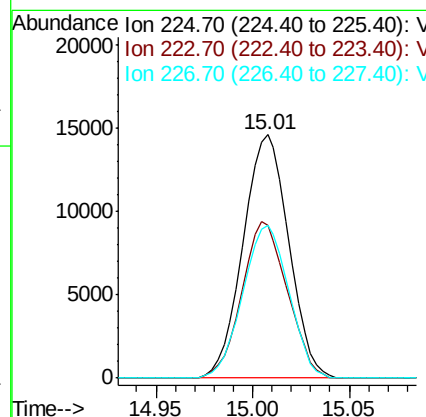
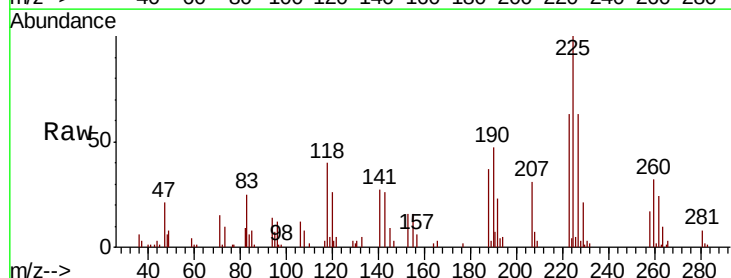
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBS01

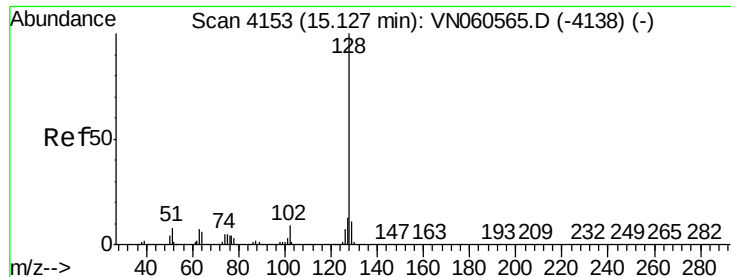
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.9	143.8
145	30.3	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 18.478 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060626.D
 Acq: 19 Mar 2020 11:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.6	95.0
227	63.2	32.3	96.8

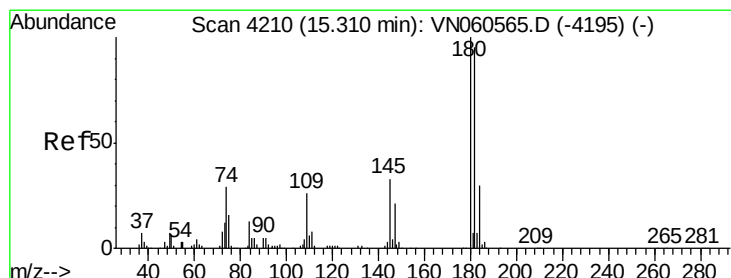
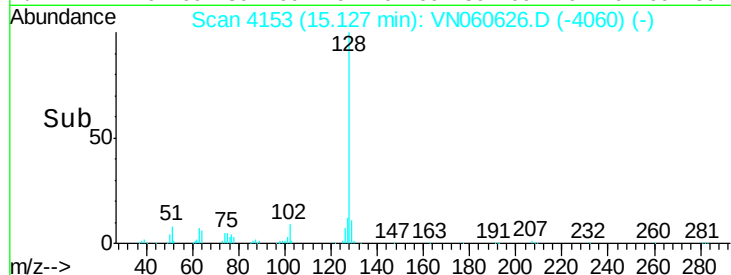
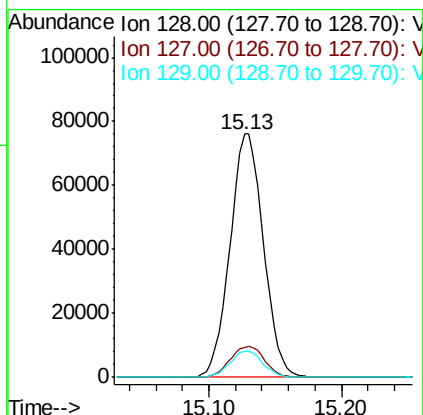
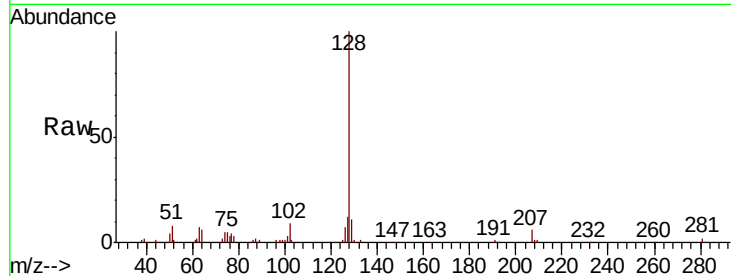




#95
Naphthalene
Concen: 16.680 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN060626.D
Acq: 19 Mar 2020 11:02

Instrument :
MSVOA_N
ClientSampled :
VN0319WBS01

Tot Ion:128 Resp: 133226
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 17.383 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060626.D
Acq: 19 Mar 2020 11:02

Tgt Ion:180 Resp: 45468
Ion Ratio Lower Upper
180 100
182 95.4 47.5 142.6
145 33.3 16.3 48.8

