

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022720\
 Data File : VN060266.D
 Acq On : 27 Feb 2020 12:14
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 27 12:33:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 12:29:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	222312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	365305	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	342214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	174471	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	436895	153.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	307.98%	
35) Dibromofluoromethane	7.57	113	213706	121.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	242.38%	
50) Toluene-d8	10.08	98	1332611	156.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	313.32%	
62) 4-Bromofluorobenzene	12.40	95	521430	163.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	326.16%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	297203	139.93	ug/l	100
3) Chloromethane	2.04	50	483964	129.09	ug/l	99
4) Vinyl Chloride	2.16	62	432268	138.58	ug/l	99
5) Bromomethane	2.52	94	178011	129.39	ug/l	99
6) Chloroethane	2.67	64	239001	143.09	ug/l	95
7) Trichlorofluoromethane	3.00	101	559649	142.03	ug/l	99
8) Diethyl Ether	3.38	74	214732	136.56	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	317129	138.60	ug/l	99
10) Methyl Iodide	3.93	142	342840	176.81	ug/l	100
11) Tert butyl alcohol	4.73	59	300695	700.63	ug/l	99
12) 1,1-Dichloroethene	3.71	96	323283	141.30	ug/l	99
13) Acrolein	3.57	56	314411	808.07	ug/l	100
14) Allyl chloride	4.29	41	538568	129.79	ug/l	93
15) Acrylonitrile	4.94	53	864185	749.11	ug/l	99
16) Acetone	3.78	43	679816	740.88	ug/l	99
17) Carbon Disulfide	4.03	76	849774	126.72	ug/l	99
18) Methyl Acetate	4.28	43	435888	135.20	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	1131377	143.59	ug/l	99
20) Methylene Chloride	4.52	84	362314	141.77	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	345164	133.30	ug/l	98
22) Diisopropyl ether	5.92	45	1197188	145.85	ug/l	97
23) Vinyl Acetate	5.86	43	4693770	728.90	ug/l	98
24) 1,1-Dichloroethane	5.82	63	664284	144.56	ug/l	100
25) 2-Butanone	6.80	43	1132179	758.04	ug/l	98
26) 2,2-Dichloropropane	6.80	77	592664	140.66	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	404003	130.27	ug/l	100
28) Bromochloromethane	7.17	49	273208	145.69	ug/l	100
29) Tetrahydrofuran	7.18	42	753089	696.97	ug/l	98
30) Chloroform	7.35	83	654101	142.54	ug/l	99
31) Cyclohexane	7.63	56	571651	133.54	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	585002	143.02	ug/l	99
36) 1,1-Dichloropropene	7.77	75	497284	140.81	ug/l	99
37) Ethyl Acetate	6.90	43	488641	147.52	ug/l	100
38) Carbon Tetrachloride	7.75	117	505183	144.51	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	582884	140.64	ug/l	98
40) Benzene	8.02	78	1463078	140.49	ug/l	99
41) Methacrylonitrile	7.17	41	701016	444.39	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	525800	139.16	ug/l	100
43) Isopropyl Acetate	8.14	43	850461	144.53	ug/l	99
44) Trichloroethene	8.82	130	398554	138.00	ug/l	99
45) 1,2-Dichloropropane	9.10	63	393347	141.74	ug/l	100
46) Dibromomethane	9.19	93	254415	144.51	ug/l	100
47) Bromodichloromethane	9.39	83	529207	149.47	ug/l	98
48) Methyl methacrylate	9.18	41	396311	150.11	ug/l	98
49) 1,4-Dioxane	9.18	88	101305	2590.87	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	2420189	728.00	ug/l	97
52) Toluene	10.14	92	936166	144.60	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	626360	145.11	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	655766	143.17	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	364095	138.11	ug/l	99
56) Ethyl methacrylate	10.42	69	595930	161.31	ug/l	100
57) 1,3-Dichloropropane	10.70	76	615639	143.21	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	1512427	756.09	ug/l	99
59) 2-Hexanone	10.74	43	1804469	731.97	ug/l	97
60) Dibromochloromethane	10.89	129	410321	158.00	ug/l	100
61) 1,2-Dibromoethane	11.00	107	379838	148.89	ug/l	98
64) Tetrachloroethene	10.62	164	395404	127.27	ug/l	99
65) Chlorobenzene	11.43	112	993664	140.84	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	380804	145.47	ug/l	100
67) Ethyl Benzene	11.50	91	1819526	141.51	ug/l	99
68) m/p-Xylenes	11.62	106	1376867	288.98	ug/l	96
69) o-Xylene	11.94	106	670659	143.52	ug/l	97
70) Styrene	11.96	104	1162536	155.52	ug/l	100
71) Bromoform	12.12	173	306310	165.61	ug/l #	99
73) Isopropylbenzene	12.25	105	1790629	135.21	ug/l	98
74) N-amyl acetate	12.06	43	805584	140.90	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	501219	138.33	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	732698	178.59	ug/l #	100
77) Bromobenzene	12.52	156	447084	136.80	ug/l	100
78) n-propylbenzene	12.59	91	2087706	133.32	ug/l	99
79) 2-Chlorotoluene	12.67	91	1236247	134.53	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1536490	136.67	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	210159	151.95	ug/l #	88
82) 4-Chlorotoluene	12.77	91	1312334	136.67	ug/l	99
83) tert-Butylbenzene	12.99	119	1323425	136.55	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1549259	136.56	ug/l	99
85) sec-Butylbenzene	13.17	105	1779703	135.83	ug/l	99
86) p-Isopropyltoluene	13.28	119	1634650	137.84	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	819022	136.50	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	809686	135.25	ug/l	99
89) n-Butylbenzene	13.61	91	1524863	138.74	ug/l	99
90) Hexachloroethane	13.87	117	269766	153.75	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	769469	134.71	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	111797	136.74	ug/l	98

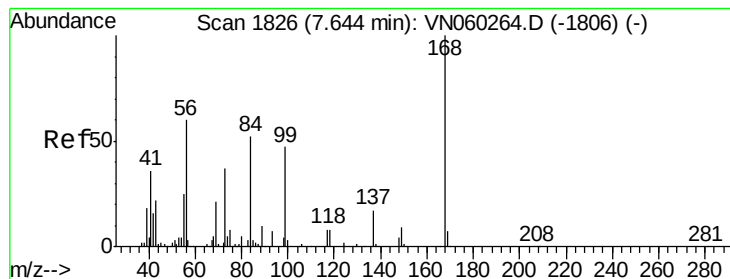
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QLast Update : Thu Feb 27 12:29:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	534312	130.51	ug/l	100
94) Hexachlorobutadiene	15.01	225	242891	117.28	ug/l	99
95) Naphthalene	15.13	128	1555573	128.15	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	500001	124.58	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

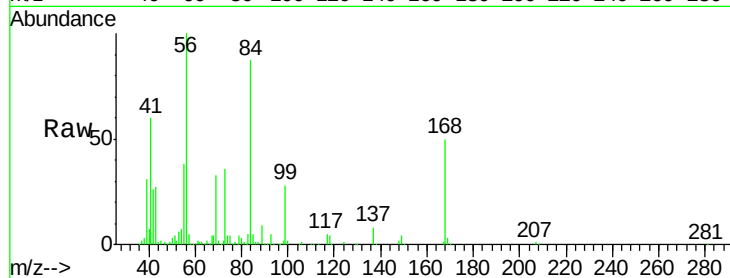
VSTDIC150

Tgt Ion:168 Resp: 222312

Ion Ratio Lower Upper

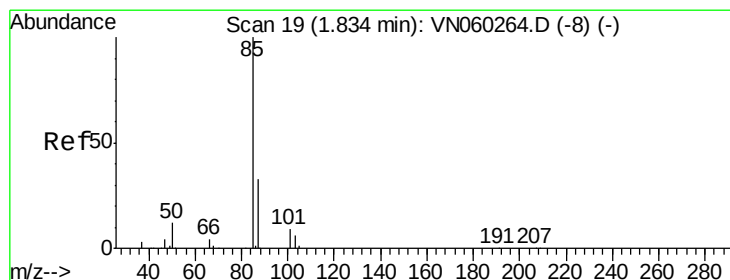
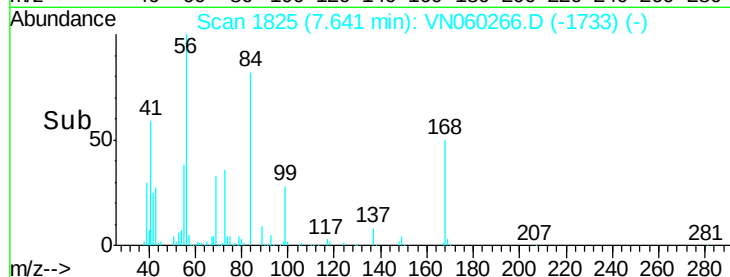
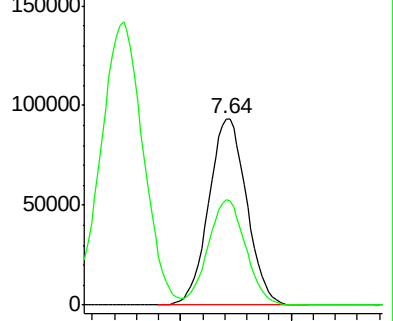
168 100

99 56.4 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 139.93 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060266.D

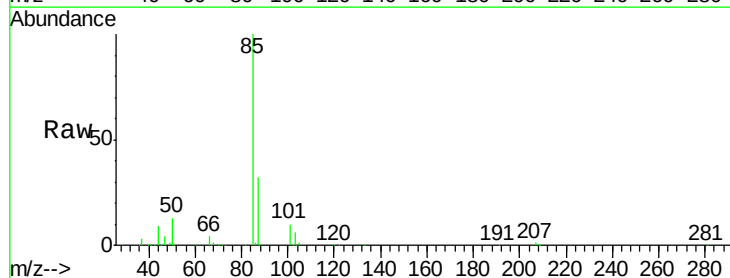
Acq: 27 Feb 2020 12:14

Tgt Ion: 85 Resp: 297203

Ion Ratio Lower Upper

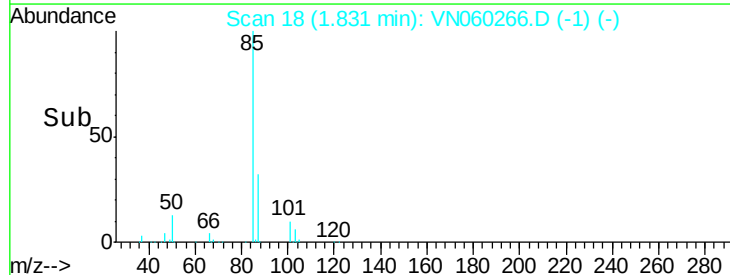
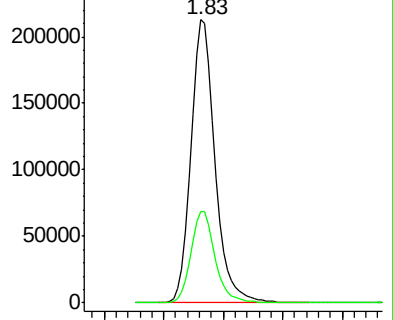
85 100

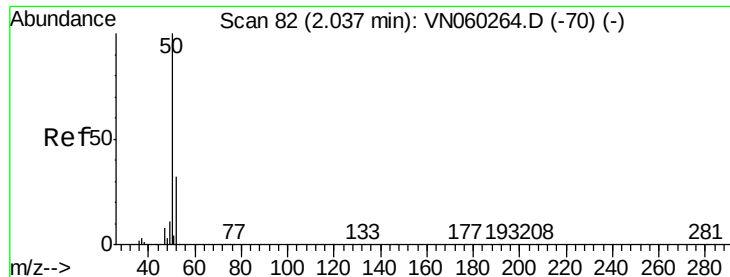
87 32.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 129.09 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

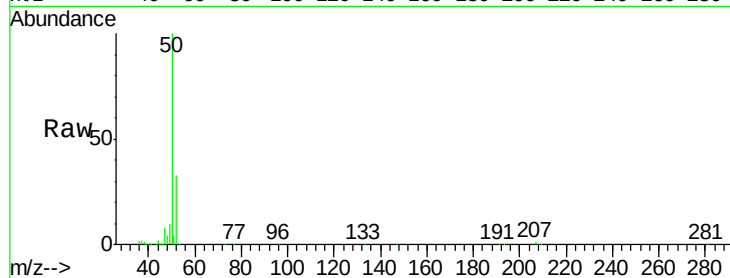
VSTDIC150

Tgt Ion: 50 Resp: 483964

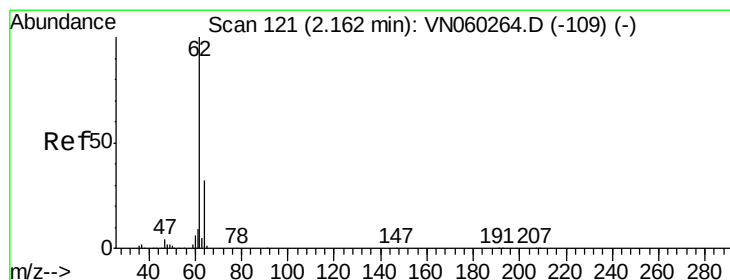
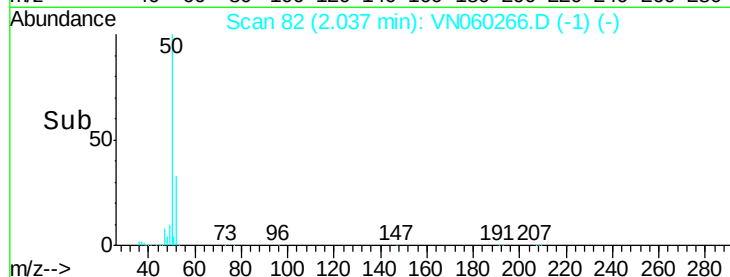
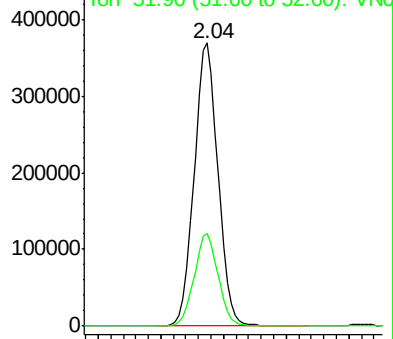
Ion Ratio Lower Upper

50 100

52 32.7 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VN060266.D (-1) (-)



#4

Vinyl Chloride

Concen: 138.58 ug/l

RT: 2.16 min Scan# 121

Delta R.T. -0.00 min

Lab File: VN060266.D

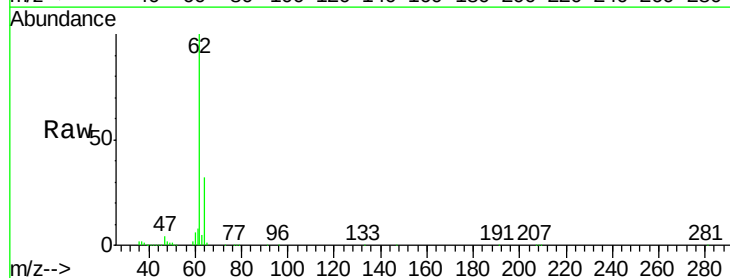
Acq: 27 Feb 2020 12:14

Tgt Ion: 62 Resp: 432268

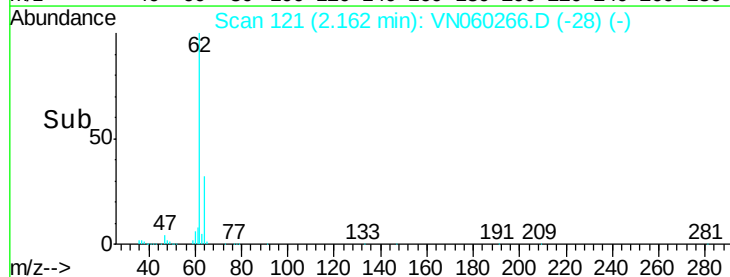
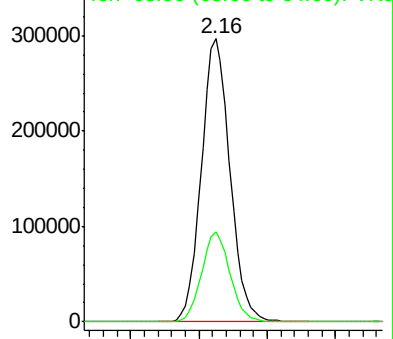
Ion Ratio Lower Upper

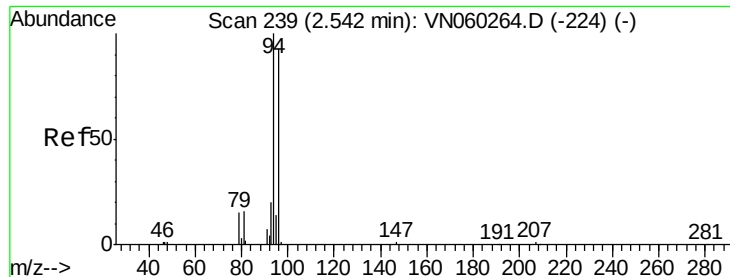
62 100

64 31.6 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN060266.D (-28) (-)





#5

Bromomethane

Concen: 129.39 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.02 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

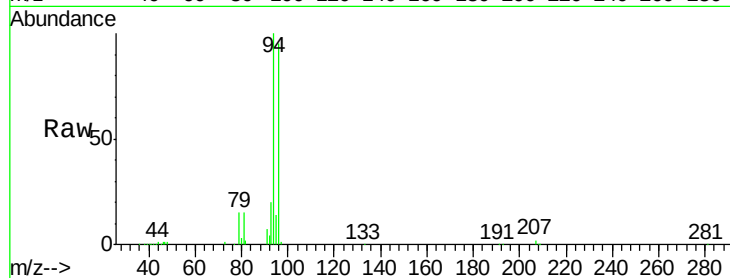
VSTDIC150

Tgt Ion: 94 Resp: 178011

Ion Ratio Lower Upper

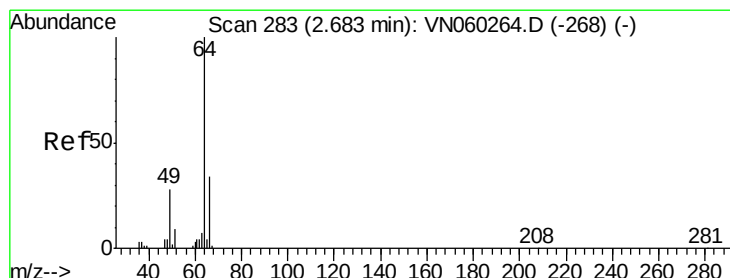
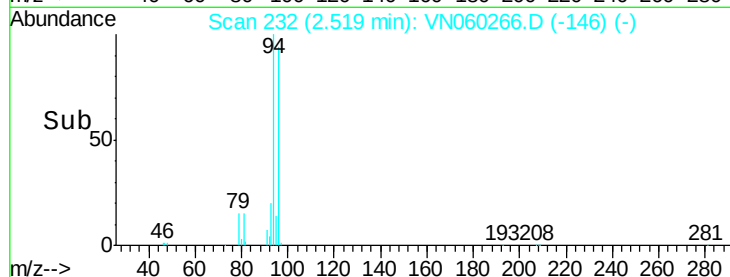
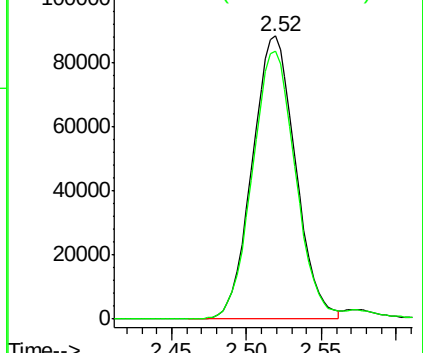
94 100

96 94.3 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 143.09 ug/l

RT: 2.67 min Scan# 279

Delta R.T. -0.01 min

Lab File: VN060266.D

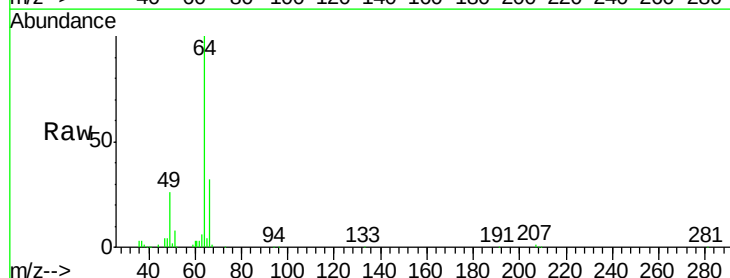
Acq: 27 Feb 2020 12:14

Tgt Ion: 64 Resp: 239001

Ion Ratio Lower Upper

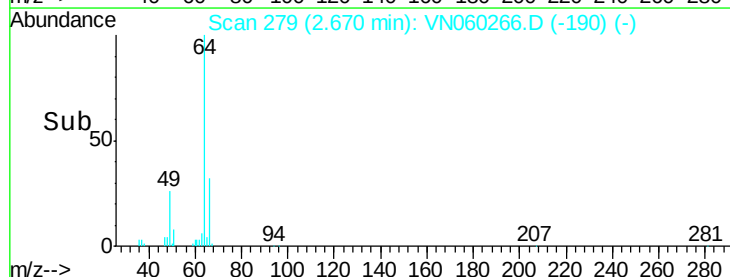
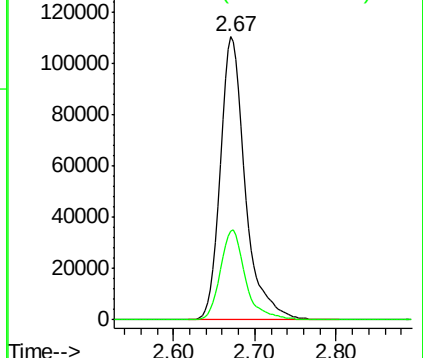
64 100

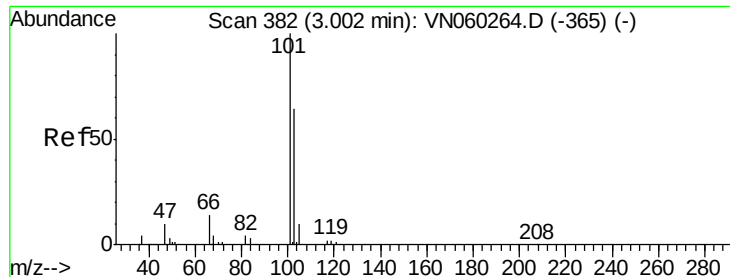
66 31.6 27.4 41.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



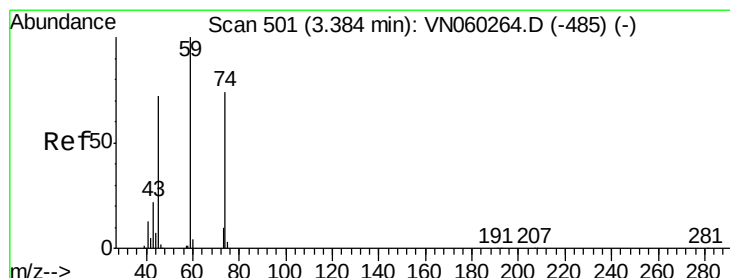
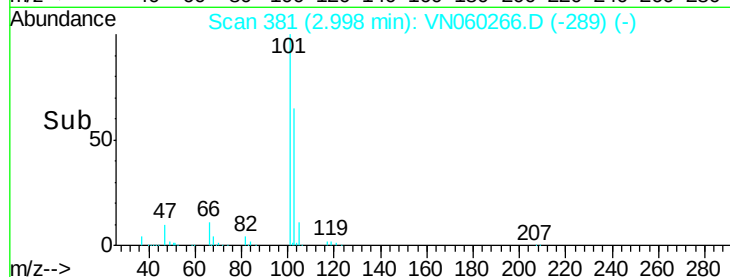
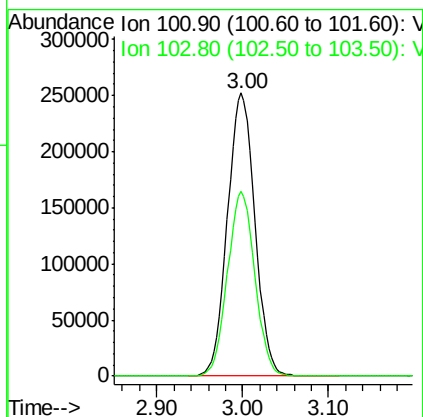
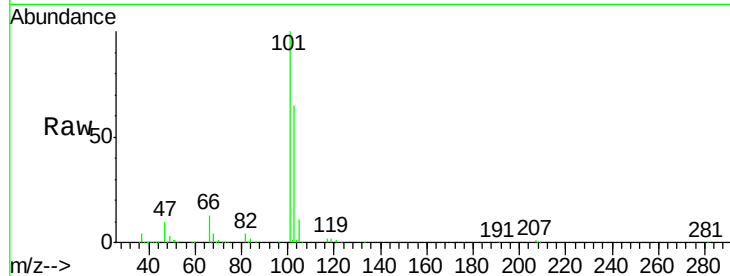


#7

Trichlorofluoromethane
Concen: 142.03 ug/l
RT: 3.00 min Scan# 381
Delta R.T. -0.00 min
Lab File: VN060266.D
Acq: 27 Feb 2020 12:14

Instrument :
MSVOA_N
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VSTDIC150

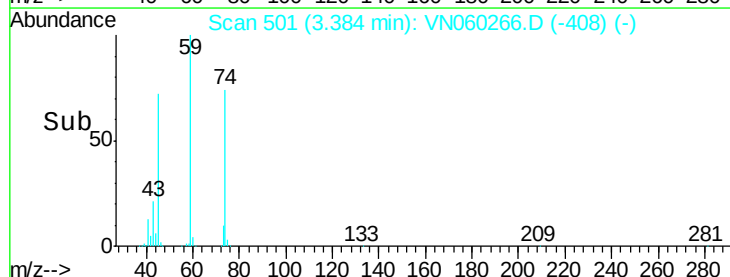
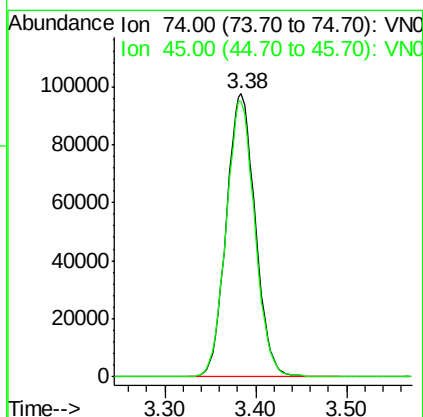
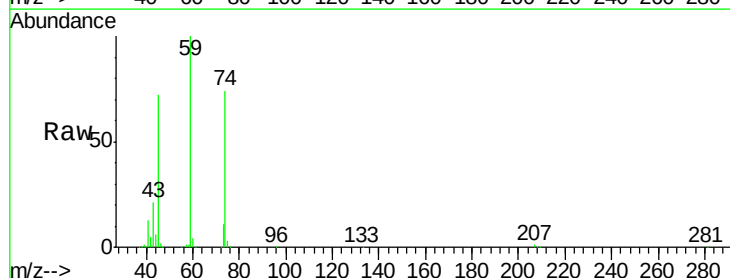
Tgt Ion: 101 Resp: 559649
Ion Ratio Lower Upper
101 100
103 65.1 51.3 76.9

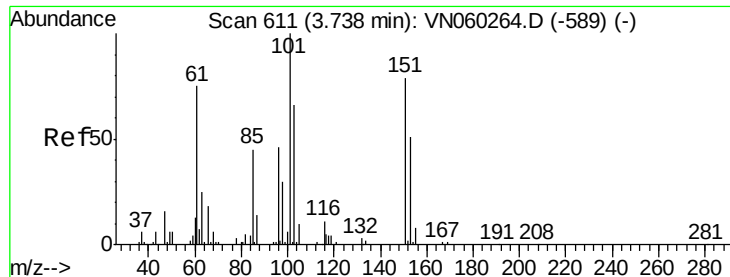


#8

Diethyl Ether
Concen: 136.56 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN060266.D
Acq: 27 Feb 2020 12:14

Tgt Ion: 74 Resp: 214732
Ion Ratio Lower Upper
74 100
45 97.1 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 138.60 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

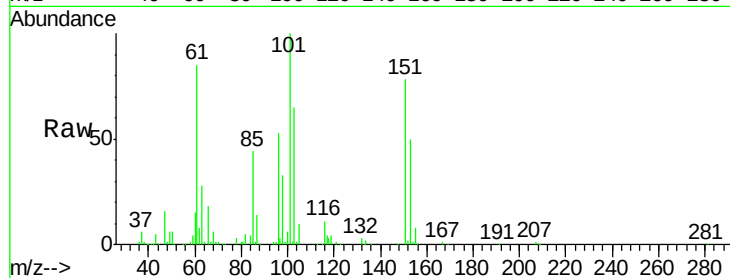
Tgt Ion:101 Resp: 317129

Ion Ratio Lower Upper

101 100

85 44.5 35.4 53.2

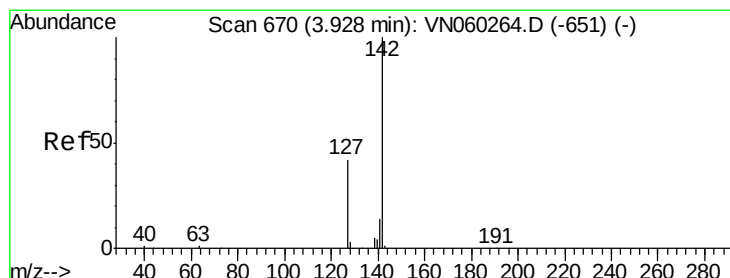
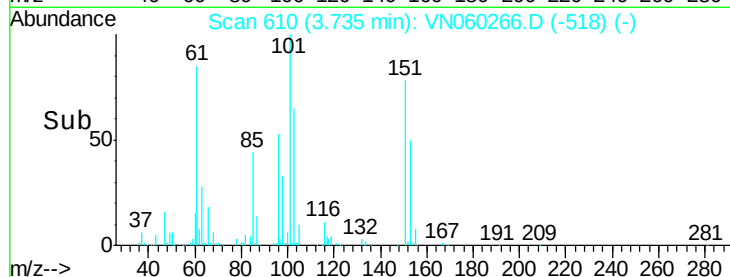
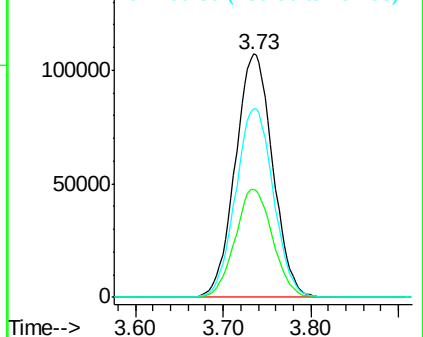
151 78.3 62.0 93.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 176.81 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

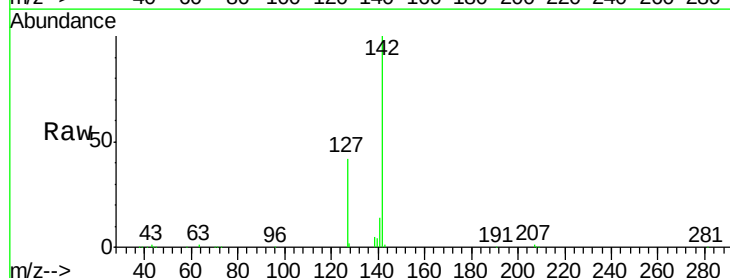
Tgt Ion:142 Resp: 342840

Ion Ratio Lower Upper

142 100

127 42.2 33.8 50.6

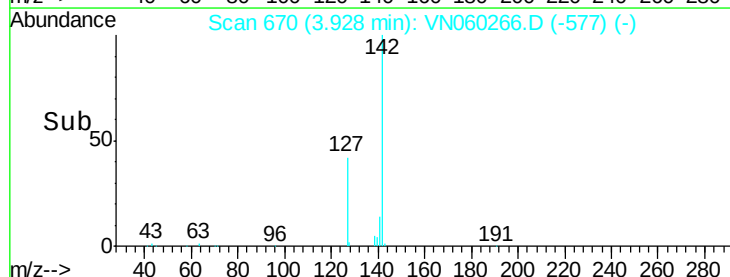
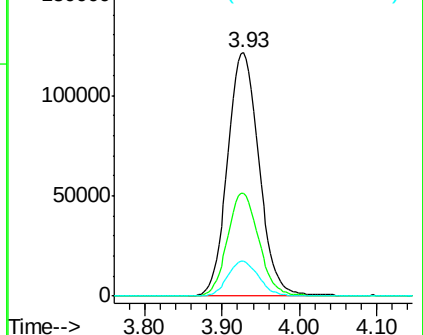
141 14.1 11.1 16.7

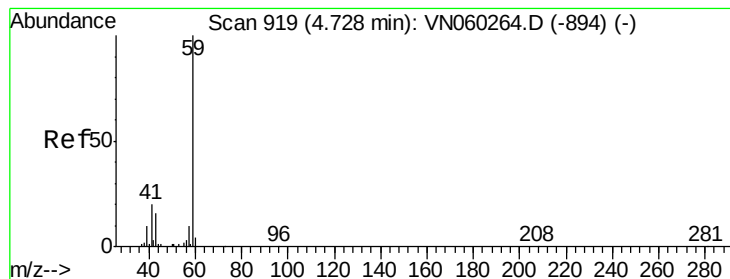


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



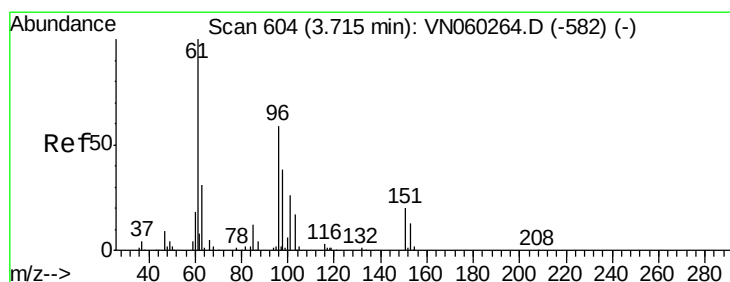
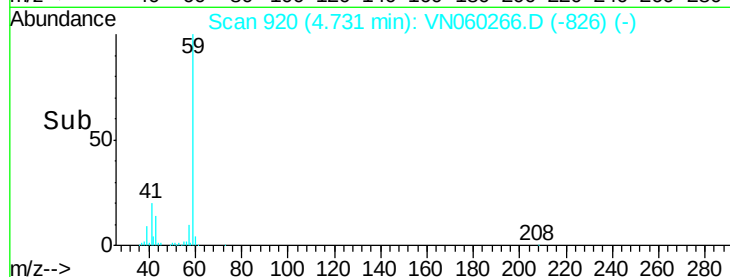
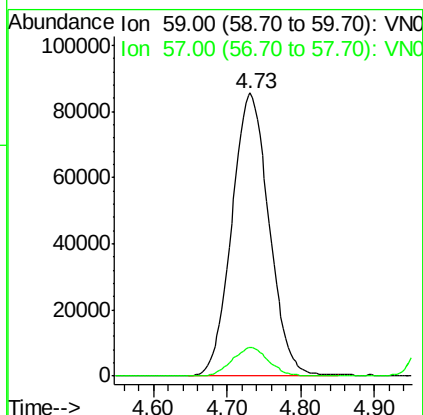
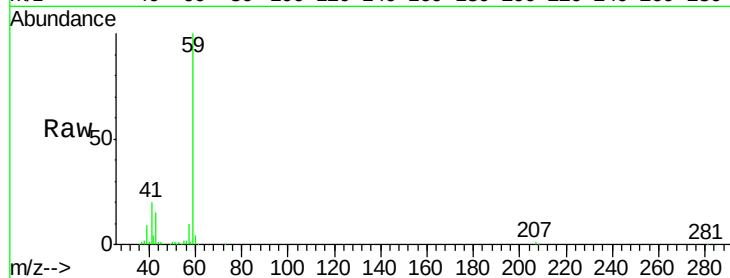


#11

Tert butyl alcohol
 Concen: 700.63 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VN060266.D
 Acq: 27 Feb 2020 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

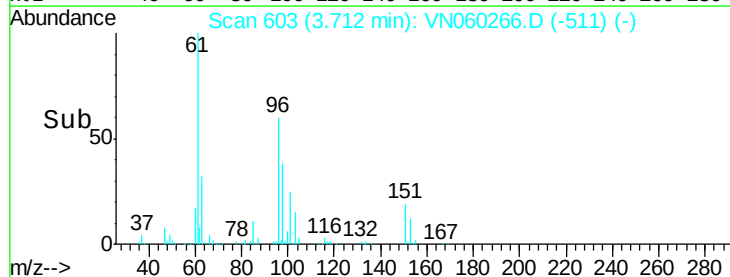
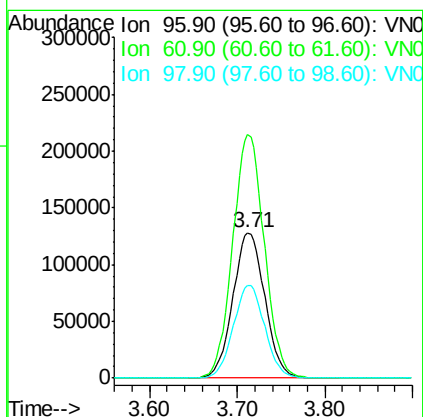
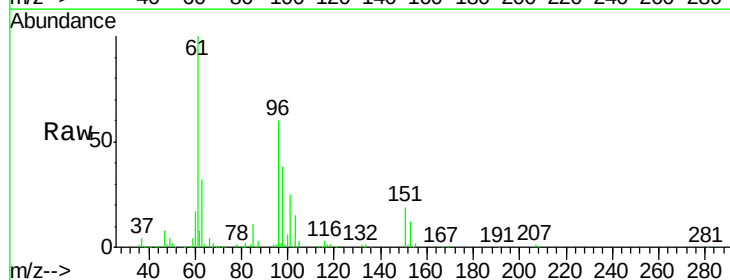
Tgt Ion: 59 Resp: 300695
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.2

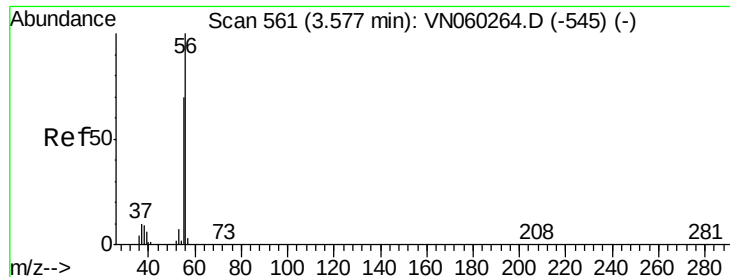


#12

1,1-Dichloroethene
 Concen: 141.30 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN060266.D
 Acq: 27 Feb 2020 12:14

Tgt Ion: 96 Resp: 323283
 Ion Ratio Lower Upper
 96 100
 61 167.5 135.4 203.0
 98 64.0 51.6 77.4

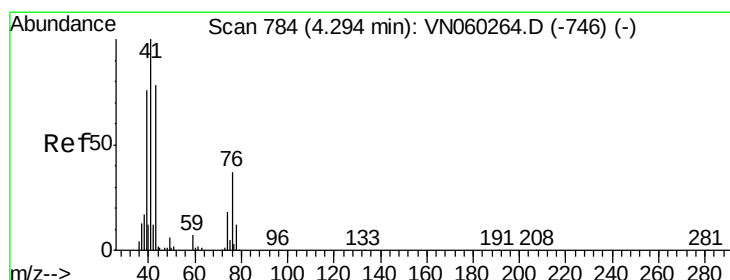
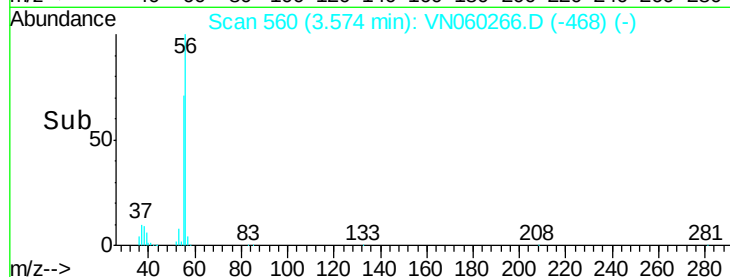
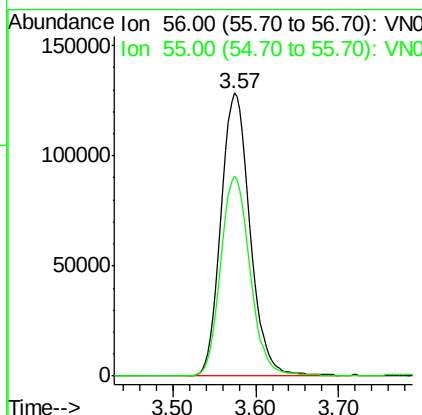
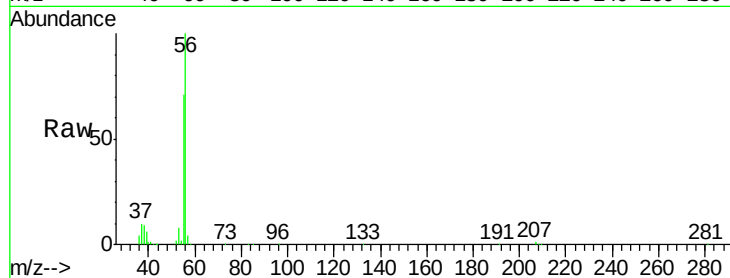




#13
Acrolein
Concen: 808.07 ug/l
RT: 3.57 min Scan# 560
Delta R.T. -0.00 min
Lab File: VN060266.D
Acq: 27 Feb 2020 12:14

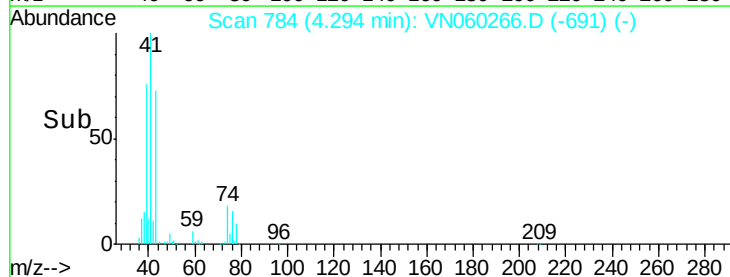
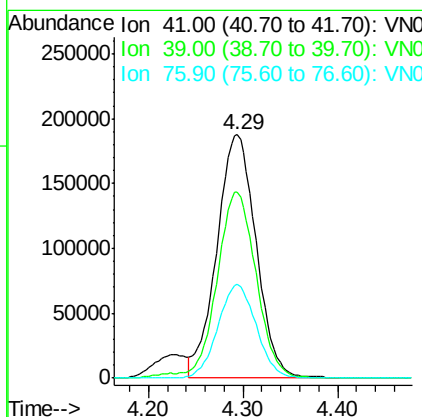
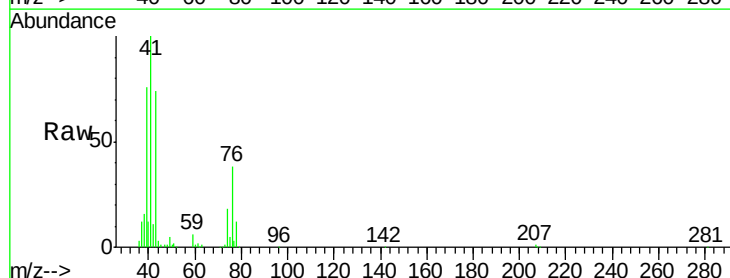
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

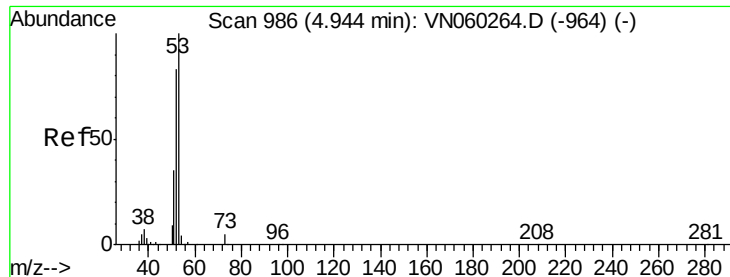
Tgt Ion: 56 Resp: 314411
Ion Ratio Lower Upper
56 100
55 71.3 57.4 86.0



#14
Allyl chloride
Concen: 129.79 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.00 min
Lab File: VN060266.D
Acq: 27 Feb 2020 12:14

Tgt Ion: 41 Resp: 538568
Ion Ratio Lower Upper
41 100
39 75.4 55.4 83.2
76 37.5 27.0 40.6





#15

Acrylonitrile

Concen: 749.11 ug/l

RT: 4.94 min Scan# 986

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

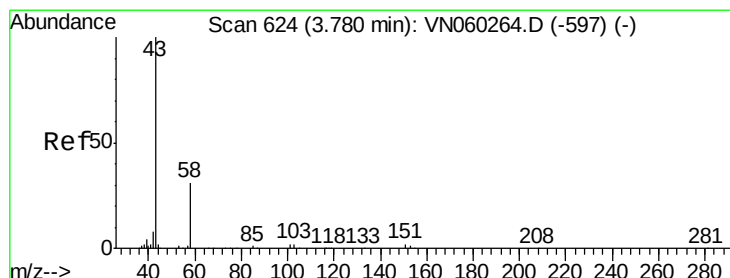
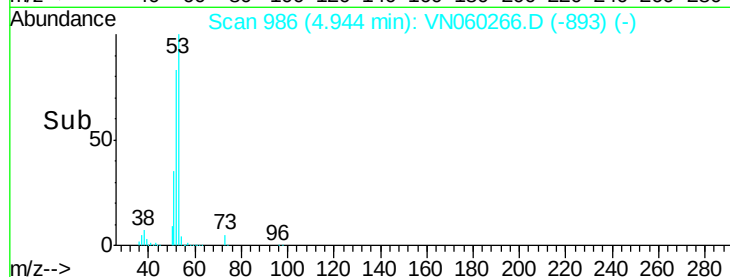
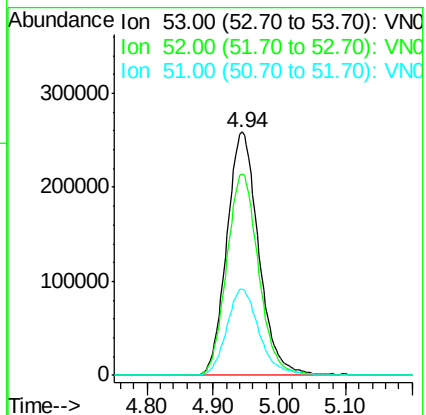
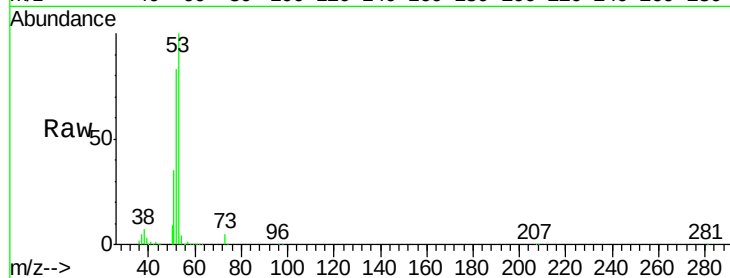
Tgt Ion: 53 Resp: 864185

Ion Ratio Lower Upper

53 100

52 82.8 66.8 100.2

51 36.2 29.0 43.6



#16

Acetone

Concen: 740.88 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060266.D

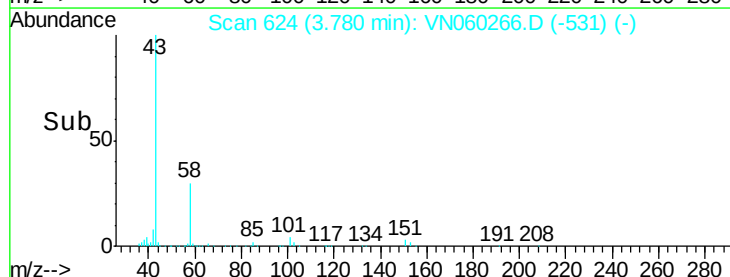
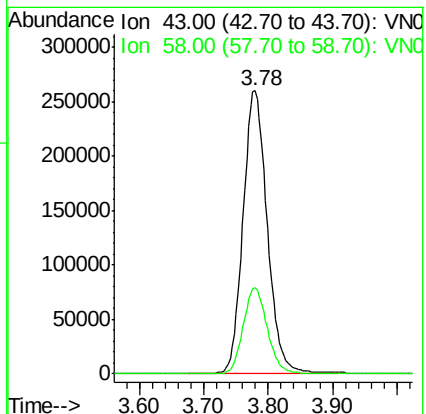
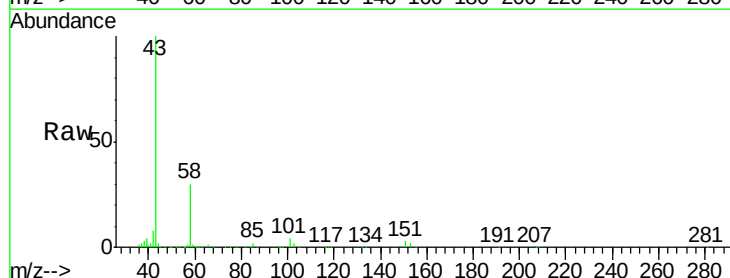
Acq: 27 Feb 2020 12:14

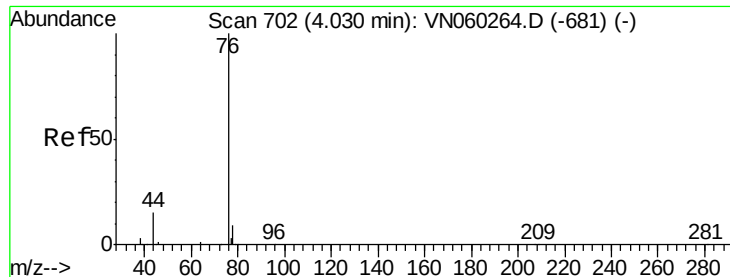
Tgt Ion: 43 Resp: 679816

Ion Ratio Lower Upper

43 100

58 30.3 24.6 36.8





#17

Carbon Disulfide

Concen: 126.72 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

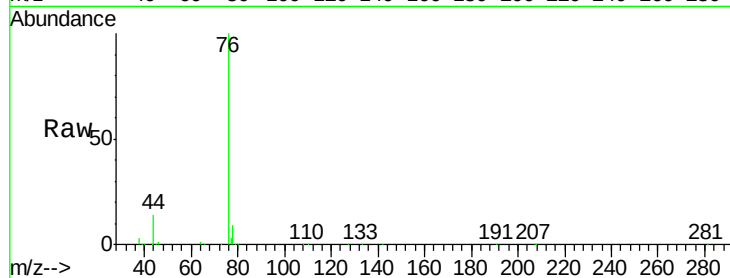
VSTDIC150

Tgt Ion: 76 Resp: 849774

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN060266.D (-609) (-)

Ion 77.90 (77.60 to 78.60): VN060266.D (-609) (-)

4.03

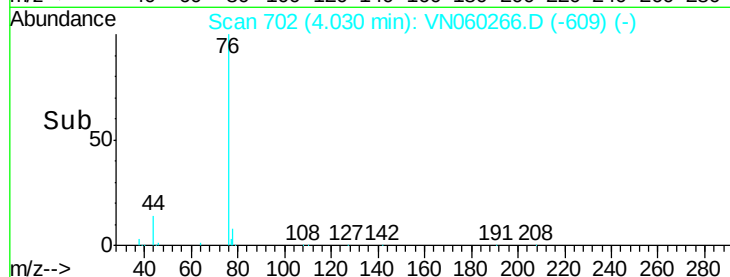
300000

200000

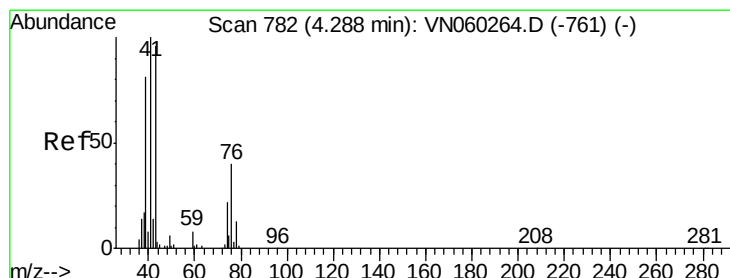
100000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 135.20 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: VN060266.D

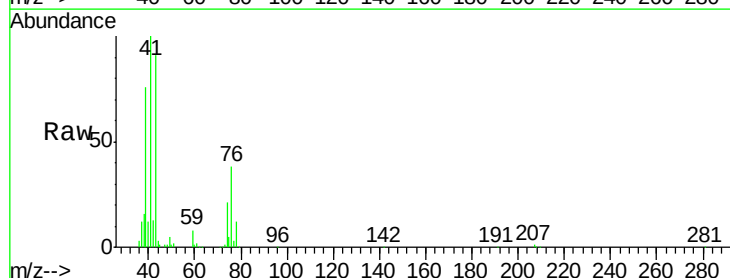
Acq: 27 Feb 2020 12:14

Tgt Ion: 43 Resp: 435888

Ion Ratio Lower Upper

43 100

74 23.7 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN060266.D (-689) (-)

Ion 74.00 (73.70 to 74.70): VN060266.D (-689) (-)

4.28

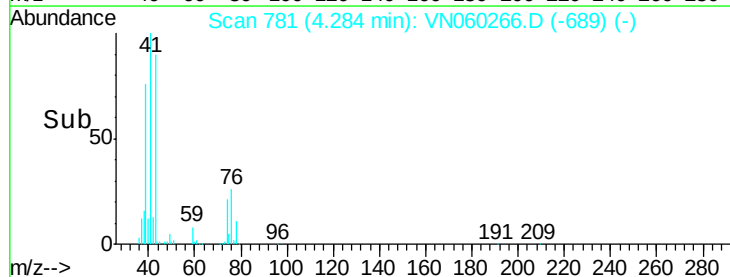
150000

100000

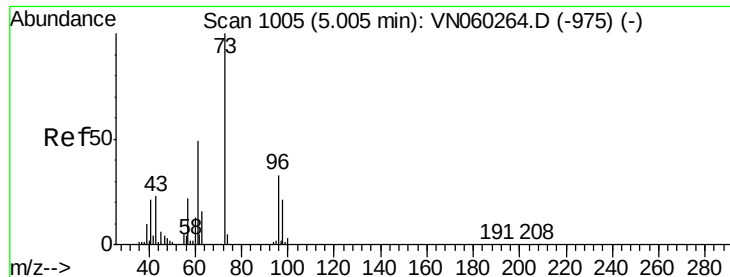
50000

0

Time-->



Time-->



#19

Methyl tert-butyl Ether

Concen: 143.59 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

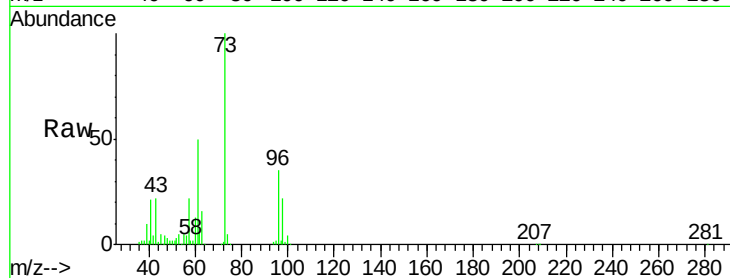
VSTDIC150

Tgt Ion: 73 Resp: 1131377

Ion Ratio Lower Upper

73 100

57 22.2 17.3 25.9



Abundance Ion 73.00 (72.70 to 73.70): VN060266.D (-975) (-)

Ion 57.00 (56.70 to 57.70): VN060266.D (-975) (-)

5.00

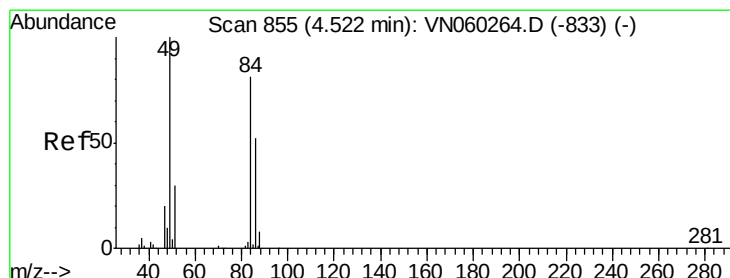
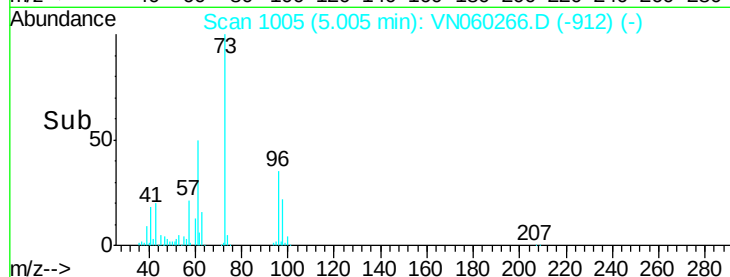
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 141.77 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

Tgt Ion: 84 Resp: 362314

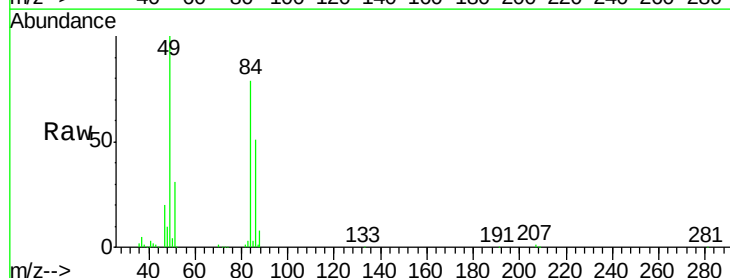
Ion Ratio Lower Upper

84 100

49 125.8 99.3 148.9

51 38.8 30.1 45.1

86 64.4 51.1 76.7



Abundance Ion 83.90 (83.60 to 84.60): VN060266.D (-762) (-)

Ion 48.90 (48.60 to 49.60): VN060266.D (-762) (-)

Ion 50.90 (50.60 to 51.60): VN060266.D (-762) (-)

Ion 85.90 (85.60 to 86.60): VN060266.D (-762) (-)

4.52

200000

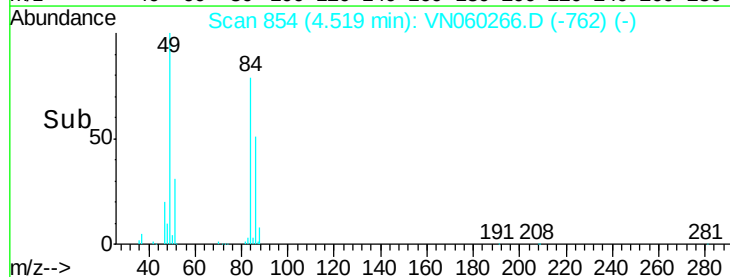
150000

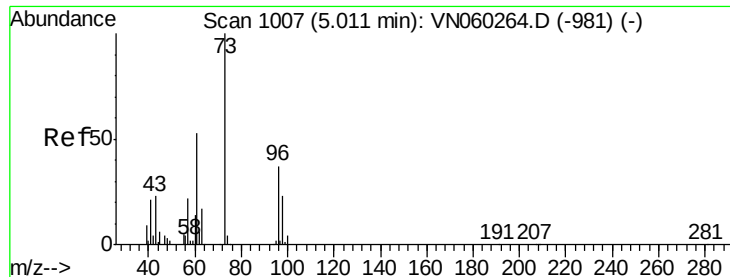
100000

50000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 133.30 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

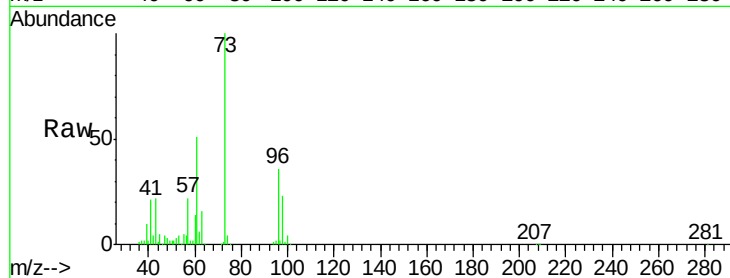
Tgt Ion: 96 Resp: 345164

Ion Ratio Lower Upper

96 100

61 143.9 113.8 170.8

98 64.7 48.8 73.2

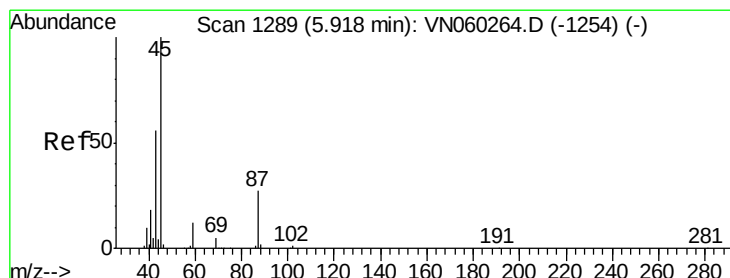
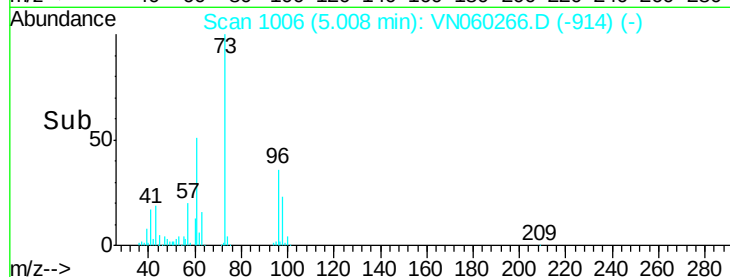
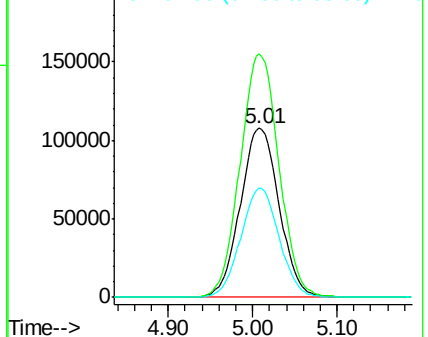


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 145.85 ug/l

RT: 5.92 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

Tgt Ion: 45 Resp: 1197188

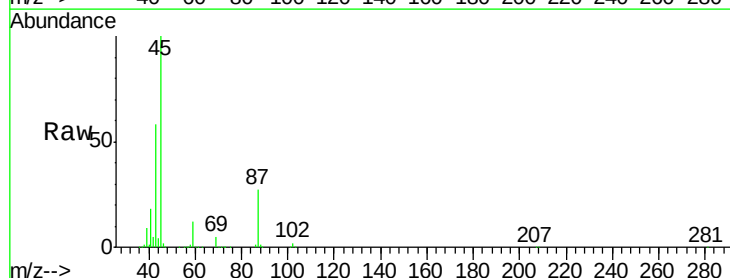
Ion Ratio Lower Upper

45 100

43 57.4 48.6 72.8

87 27.5 22.2 33.2

59 12.0 9.5 14.3



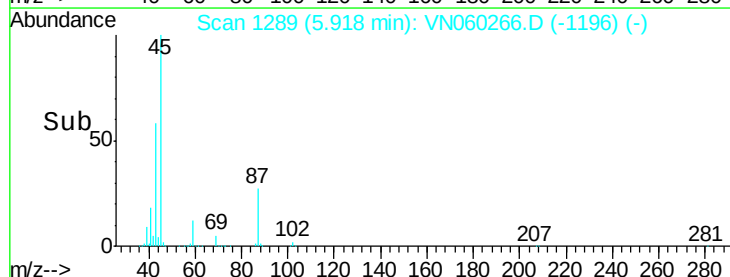
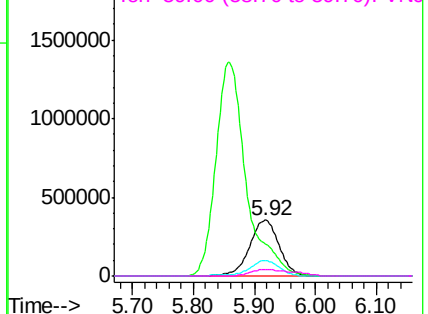
Abundance

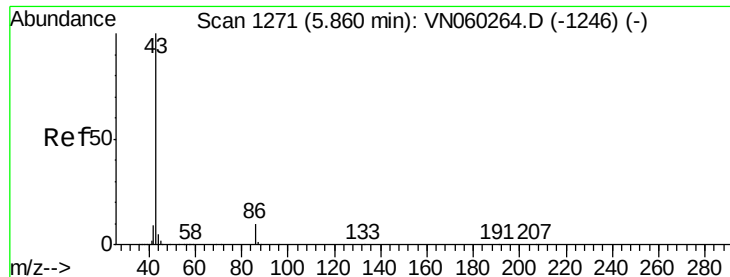
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 728.90 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

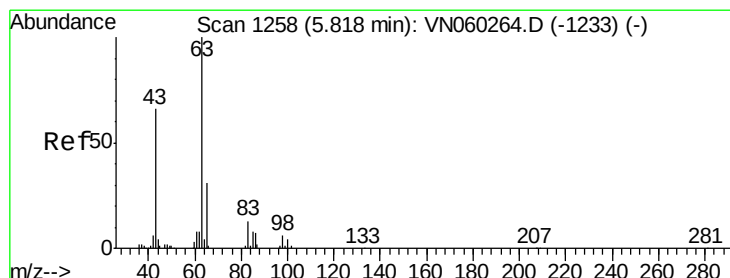
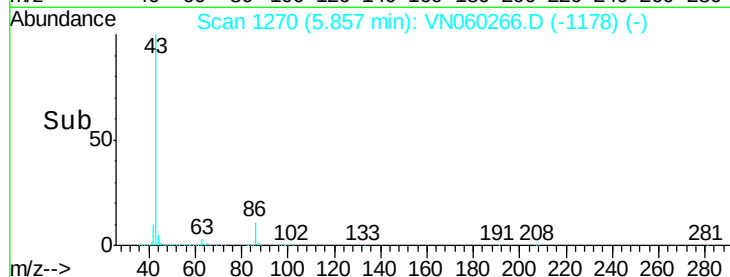
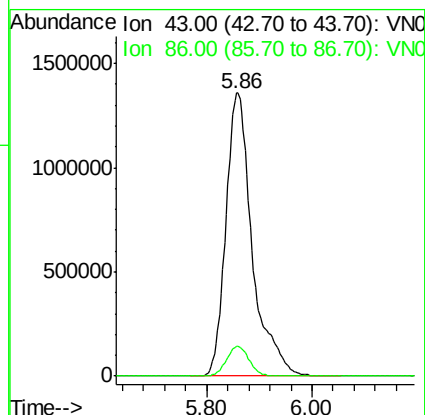
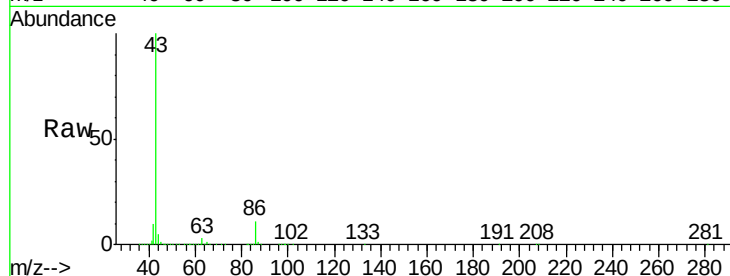
VSTDIC150

Tgt Ion: 43 Resp: 4693770

Ion Ratio Lower Upper

43 100

86 10.6 8.0 12.0



#24

1,1-Dichloroethane

Concen: 144.56 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

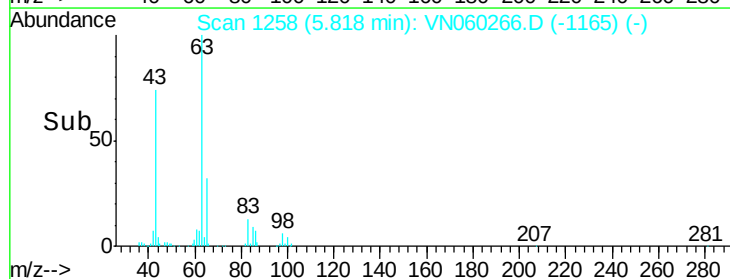
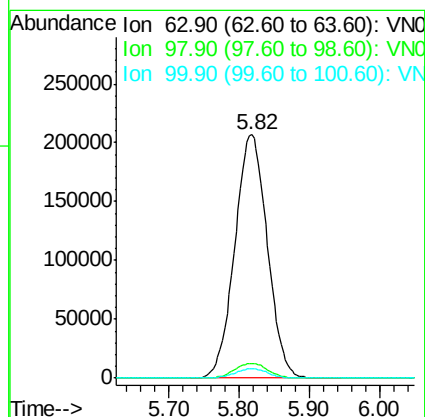
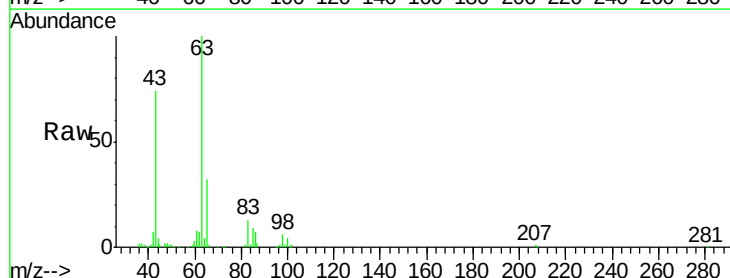
Tgt Ion: 63 Resp: 664284

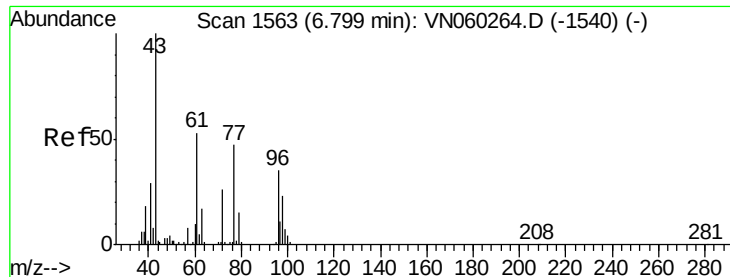
Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.0

100 4.1 2.0 6.0

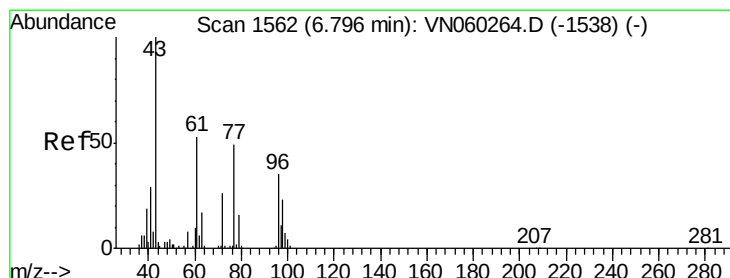
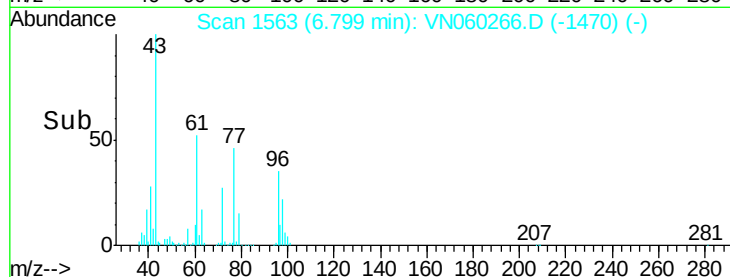
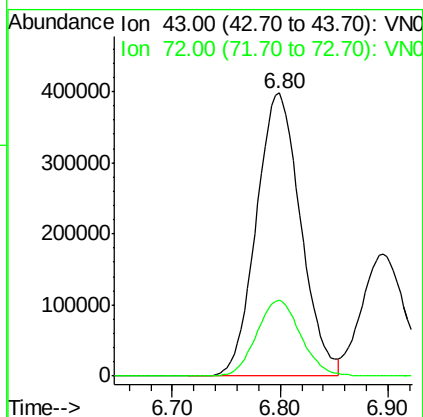
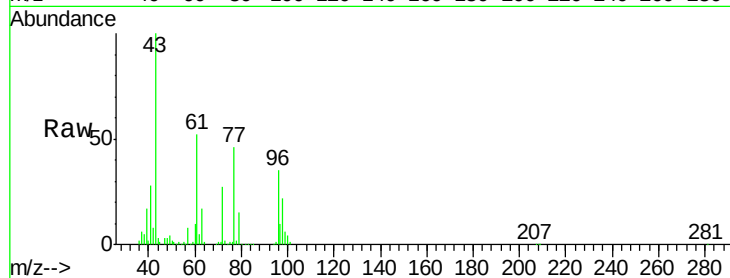




#25
2-Butanone
Concen: 758.04 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VN060266.D
Acq: 27 Feb 2020 12:14

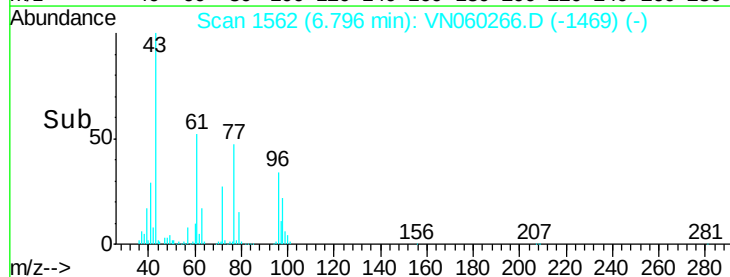
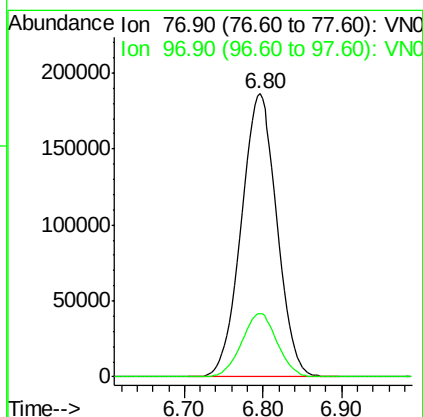
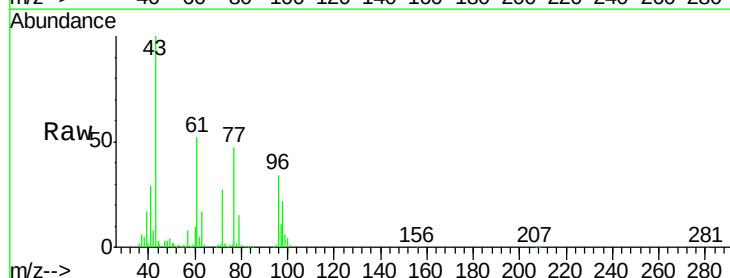
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

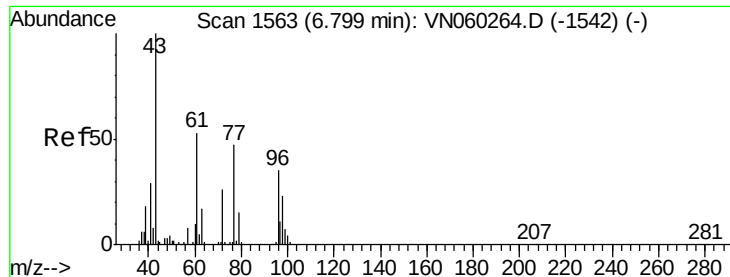
Tgt Ion: 43 Resp: 1132179
Ion Ratio Lower Upper
43 100
72 26.9 20.9 31.3



#26
2,2-Dichloropropane
Concen: 140.66 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN060266.D
Acq: 27 Feb 2020 12:14

Tgt Ion: 77 Resp: 592664
Ion Ratio Lower Upper
77 100
97 22.5 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 130.27 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

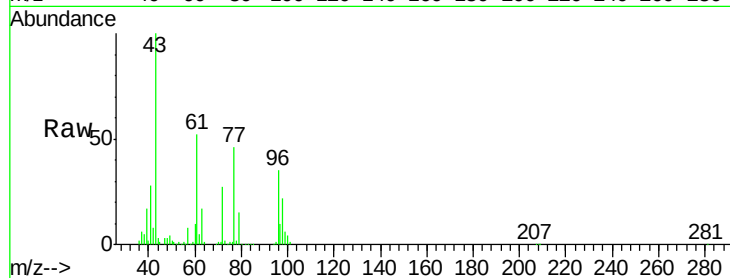
Tgt Ion: 96 Resp: 404003

Ion Ratio Lower Upper

96 100

61 150.4 0.0 300.8

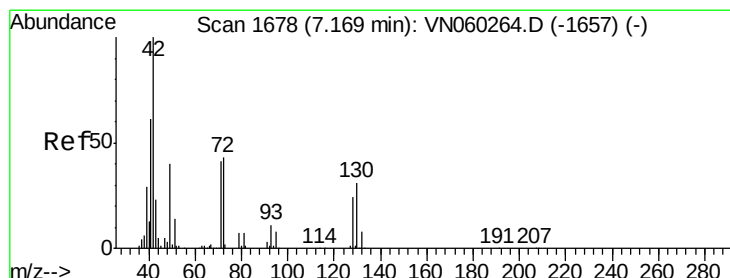
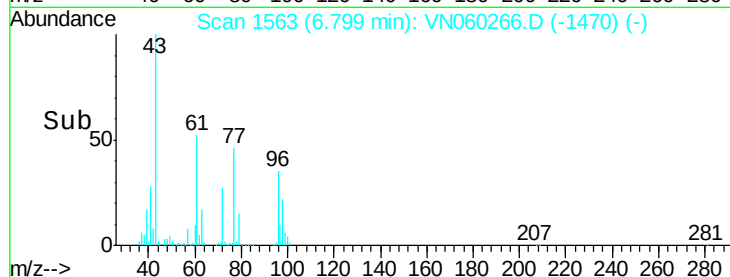
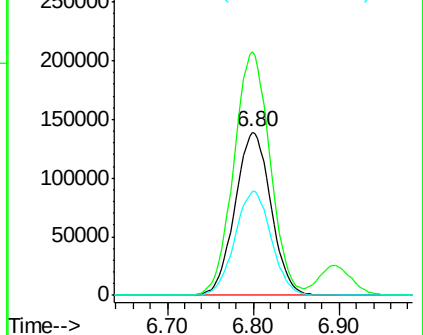
98 64.4 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VN060266.D (-1470) (-)

Ion 60.90 (60.60 to 61.60): VN060266.D (-1470) (-)

Ion 97.90 (97.60 to 98.60): VN060266.D (-1470) (-)



#28

Bromochloromethane

Concen: 145.69 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

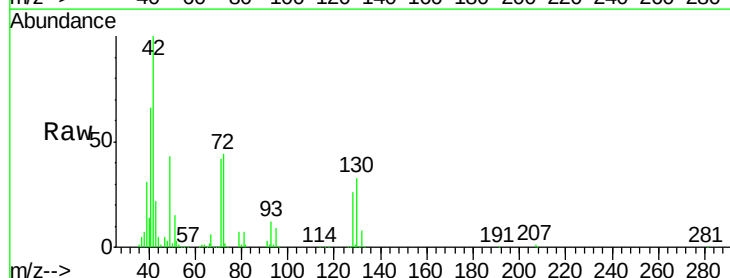
Tgt Ion: 49 Resp: 273208

Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

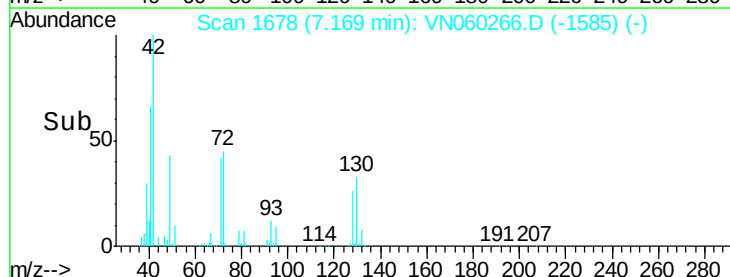
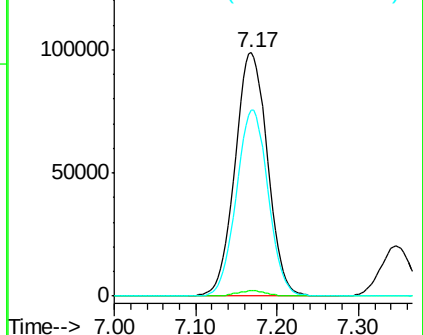
130 74.9 59.8 89.8

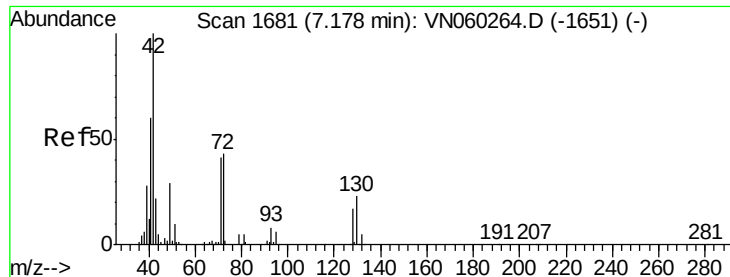


Abundance Ion 48.90 (48.60 to 49.60): VN060266.D (-1585) (-)

Ion 128.80 (128.50 to 129.50): VN060266.D (-1585) (-)

Ion 129.80 (129.50 to 130.50): VN060266.D (-1585) (-)





#29

Tetrahydrofuran

Concen: 696.97 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

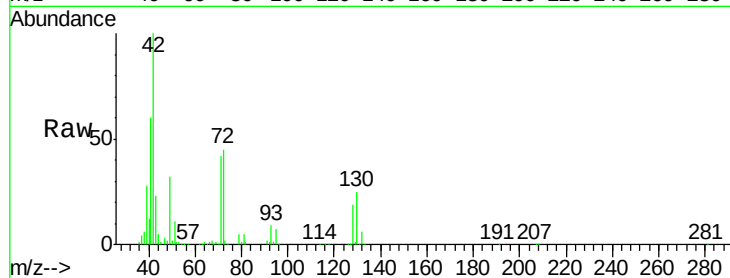
Tgt Ion: 42 Resp: 753089

Ion Ratio Lower Upper

42 100

72 44.3 34.6 52.0

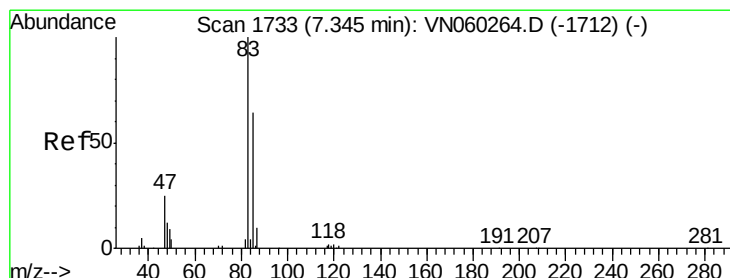
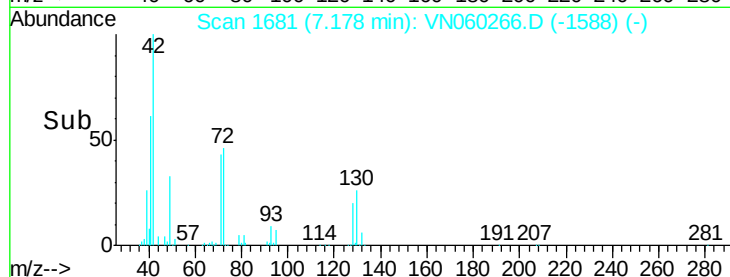
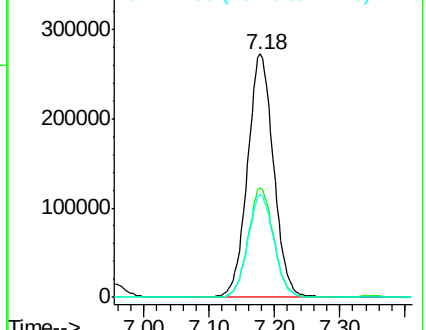
71 42.1 32.9 49.3



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: 142.54 ug/l

RT: 7.35 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VN060266.D

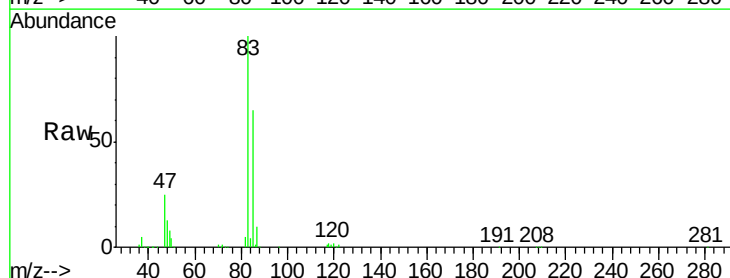
Acq: 27 Feb 2020 12:14

Tgt Ion: 83 Resp: 654101

Ion Ratio Lower Upper

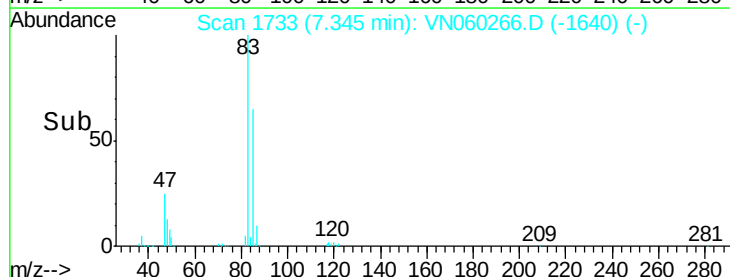
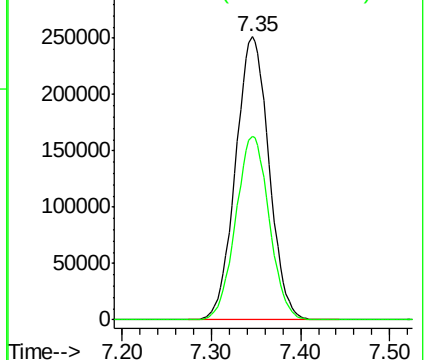
83 100

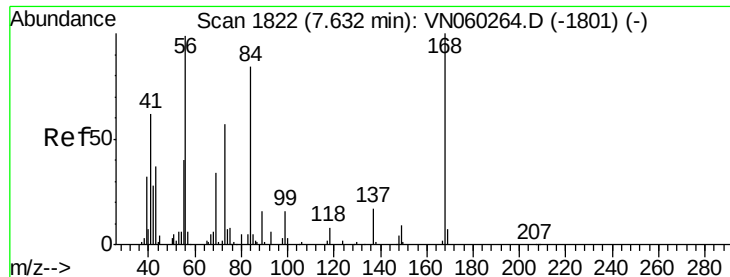
85 64.7 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

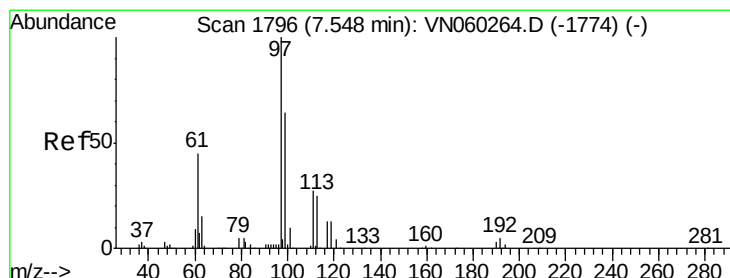
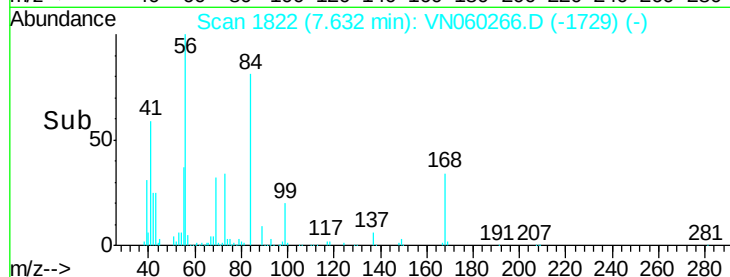
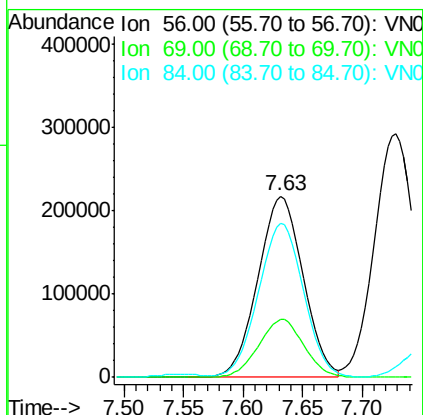
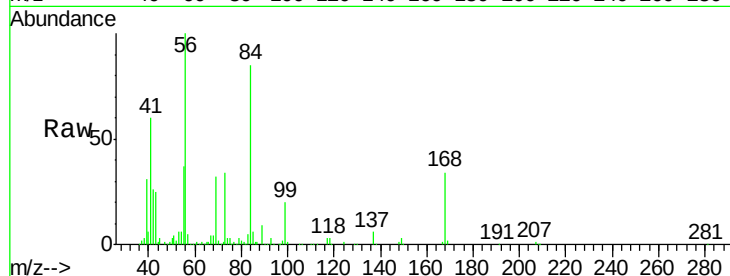




#31
Cyclohexane
Concen: 133.54 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN060266.D
Acq: 27 Feb 2020 12:14

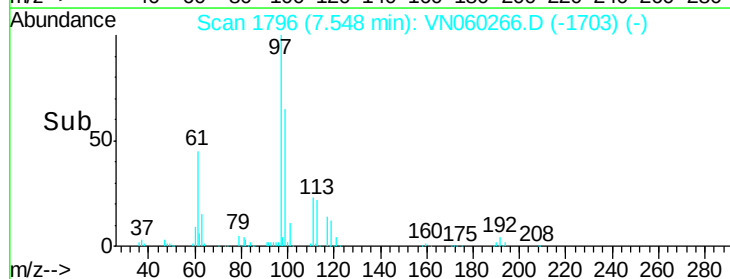
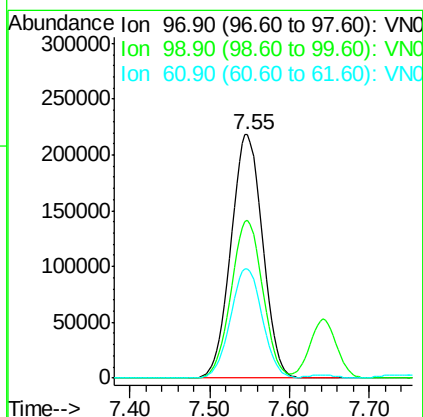
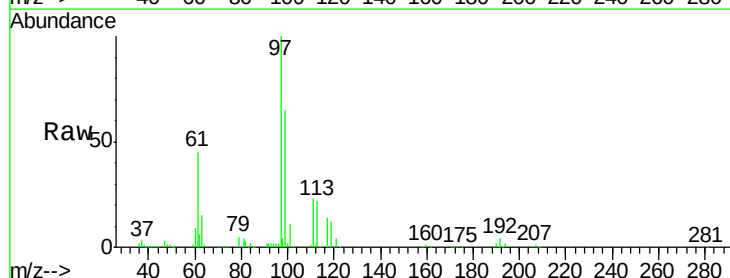
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

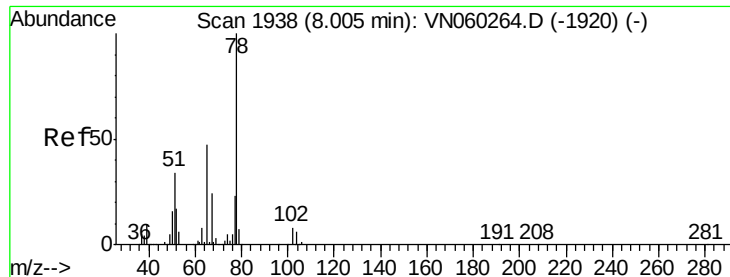
Tgt Ion: 56 Resp: 571651
Ion Ratio Lower Upper
56 100
69 32.1 27.2 40.8
84 83.5 66.7 100.1



#32
1,1,1-Trichloroethane
Concen: 143.02 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN060266.D
Acq: 27 Feb 2020 12:14

Tgt Ion: 97 Resp: 585002
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.0
61 45.0 36.6 55.0

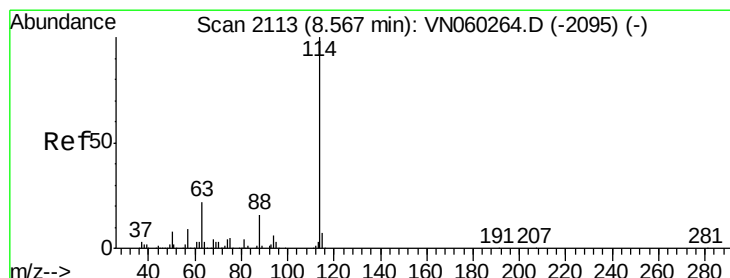
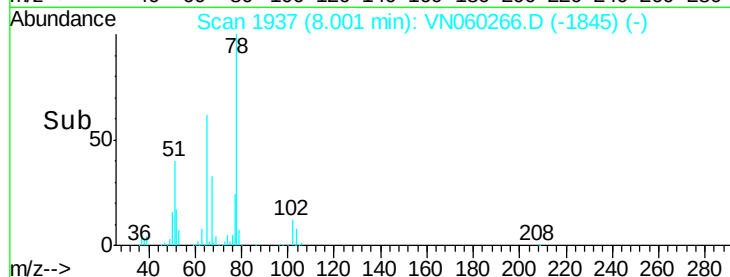
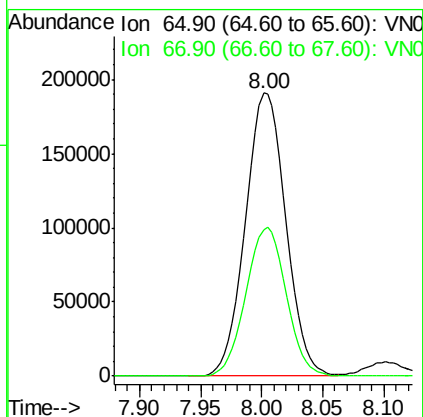
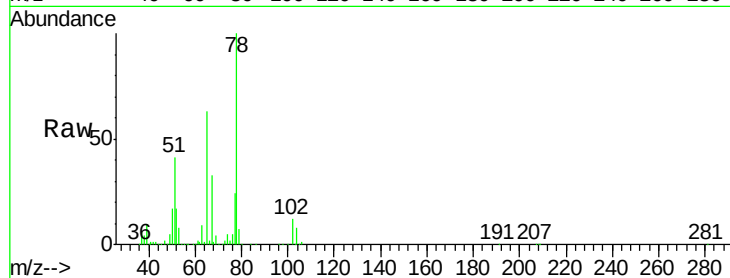




#33
 1,2-Dichloroethane-d4
 Concen: 153.99 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060266.D
 Acq: 27 Feb 2020 12:14

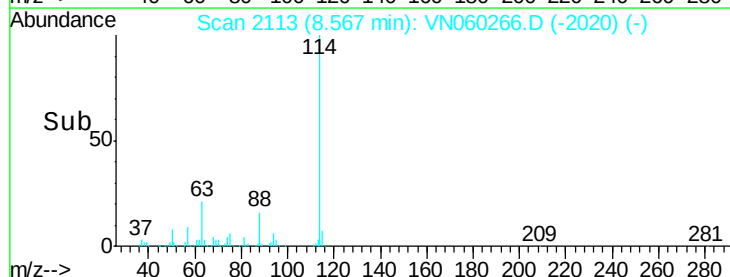
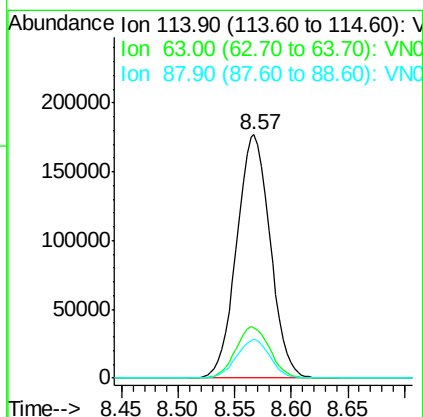
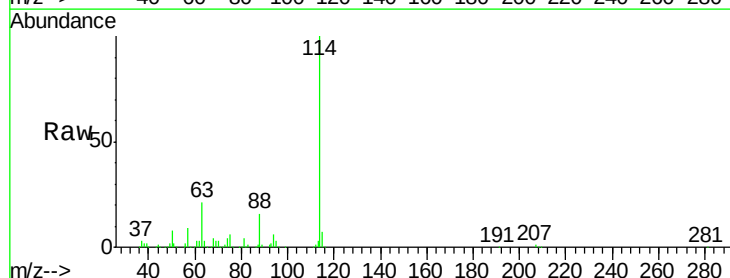
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

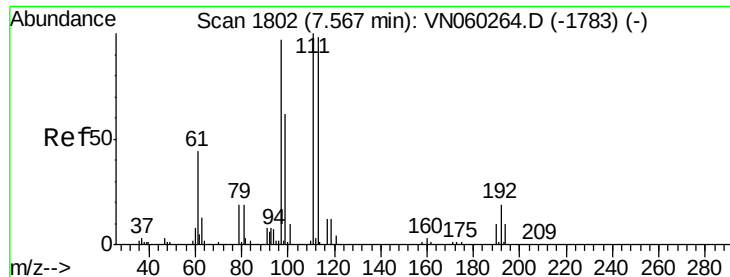
Tgt Ion: 65 Resp: 436895
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060266.D
 Acq: 27 Feb 2020 12:14

Tgt Ion: 114 Resp: 365305
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.2
 88 15.8 0.0 31.6

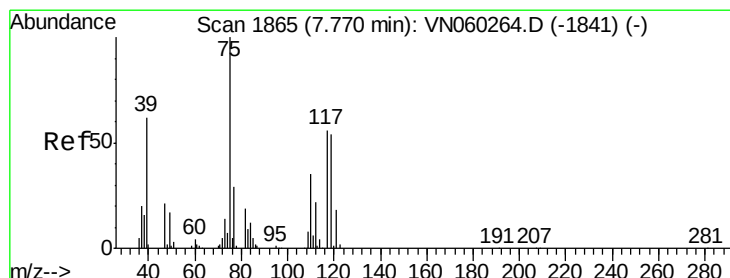
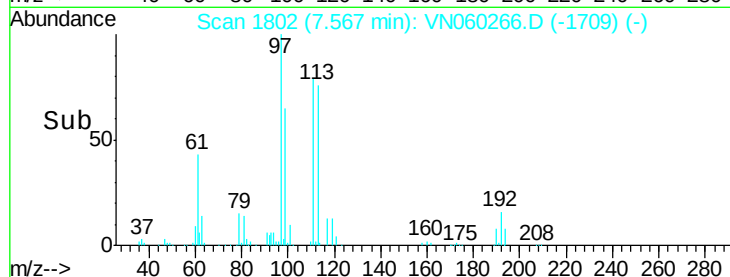
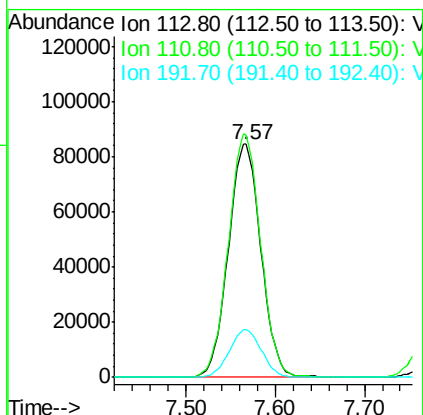
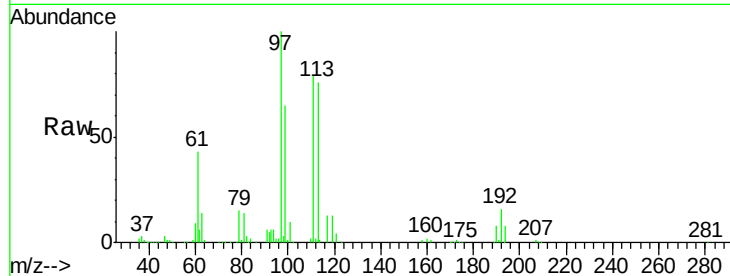




#35
 Dibromofluoromethane
 Concen: 121.19 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN060266.D
 Acq: 27 Feb 2020 12:14

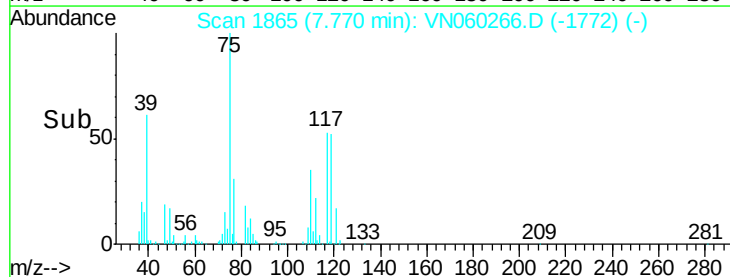
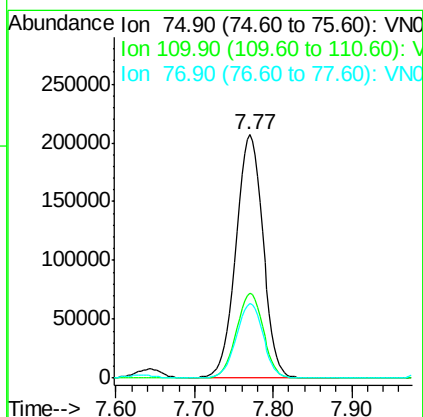
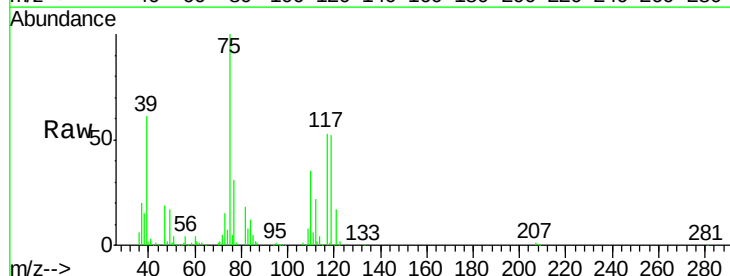
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

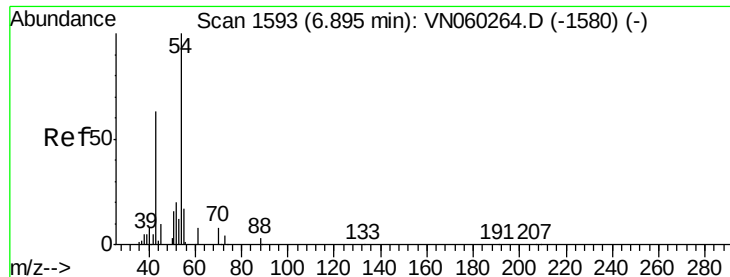
Tgt Ion:113 Resp: 213706
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.4 123.6
 192 20.1 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 140.81 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN060266.D
 Acq: 27 Feb 2020 12:14

Tgt Ion: 75 Resp: 497284
 Ion Ratio Lower Upper
 75 100
 110 34.8 17.3 52.0
 77 30.8 24.2 36.2

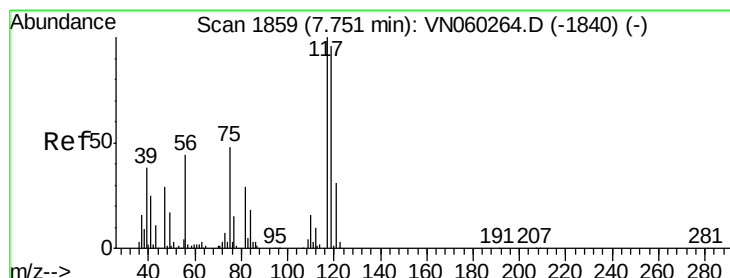
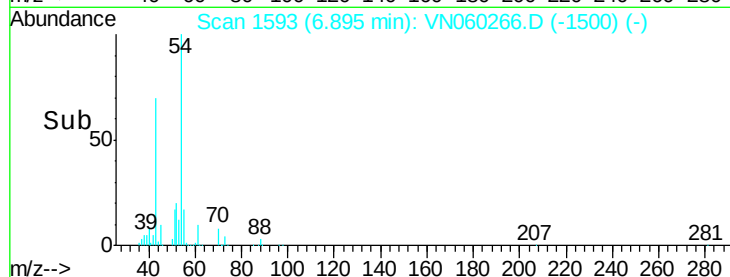
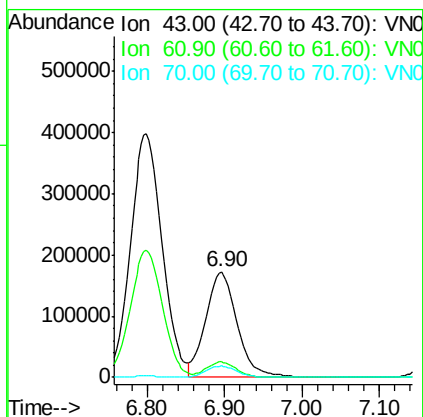
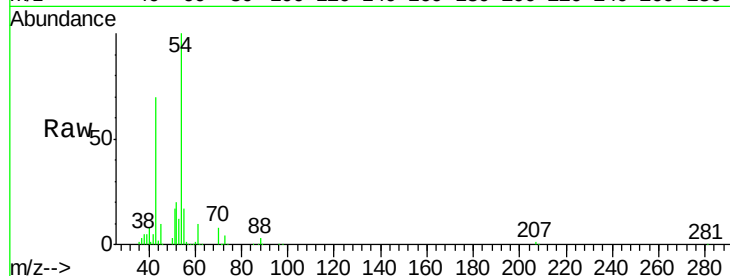




#37
Ethyl Acetate
Concen: 147.52 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. -0.00 min
Lab File: VN060266.D
Acq: 27 Feb 2020 12:14

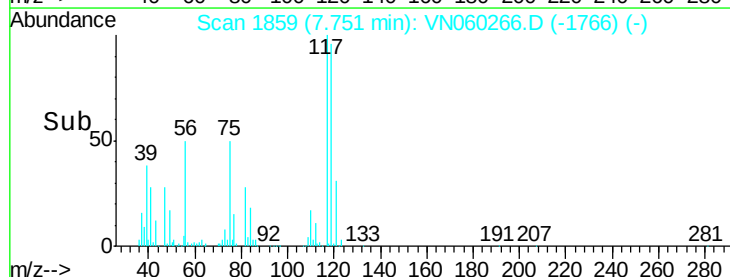
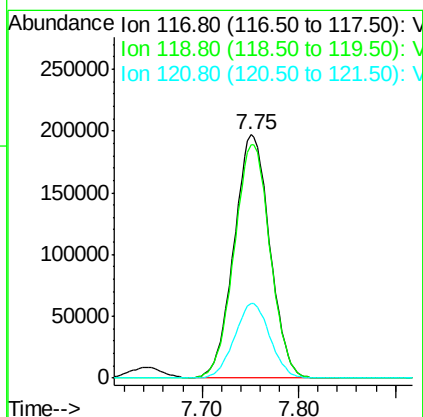
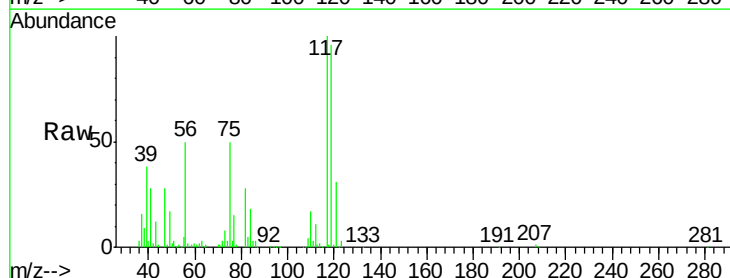
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

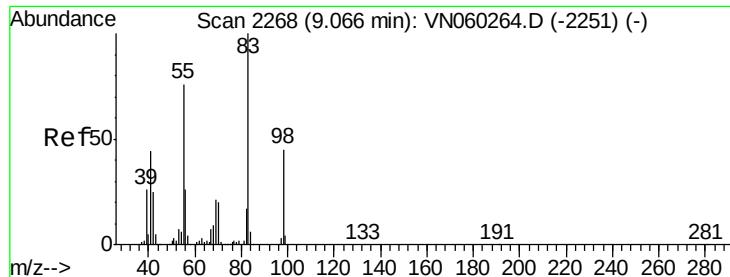
Tgt Ion: 43 Resp: 488641
Ion Ratio Lower Upper
43 100
61 14.2 11.1 16.7
70 10.5 8.4 12.6



#38
Carbon Tetrachloride
Concen: 144.51 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060266.D
Acq: 27 Feb 2020 12:14

Tgt Ion: 117 Resp: 505183
Ion Ratio Lower Upper
117 100
119 95.8 76.7 115.1
121 30.7 24.5 36.7

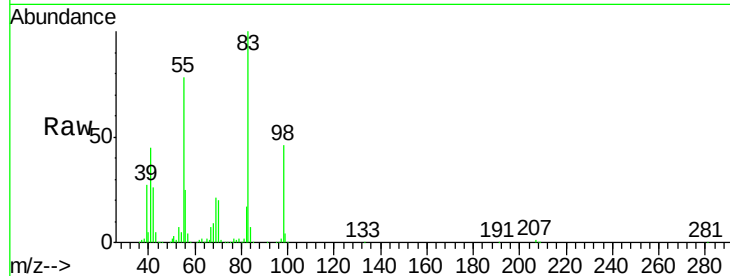




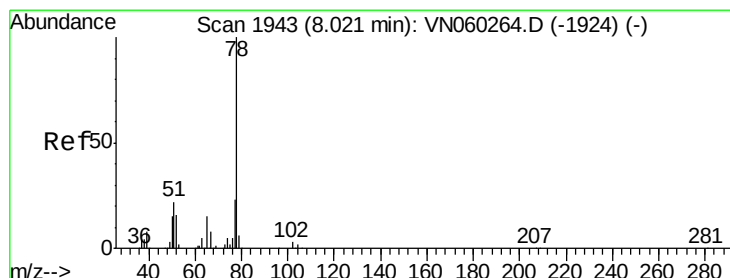
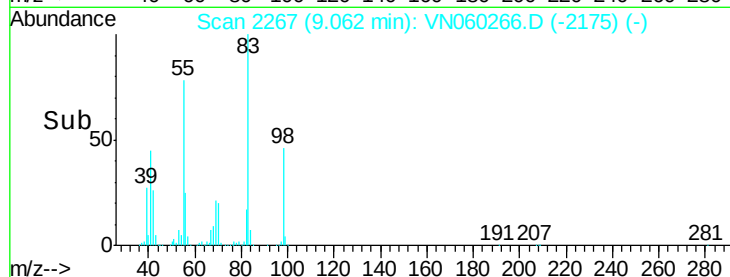
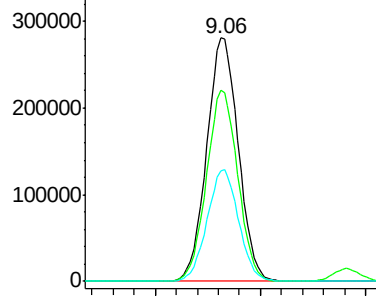
#39
Methylcyclohexane
Concen: 140.64 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060266.D
Acq: 27 Feb 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 582884
Ion Ratio Lower Upper
83 100
55 78.5 61.0 91.4
98 45.6 36.1 54.1

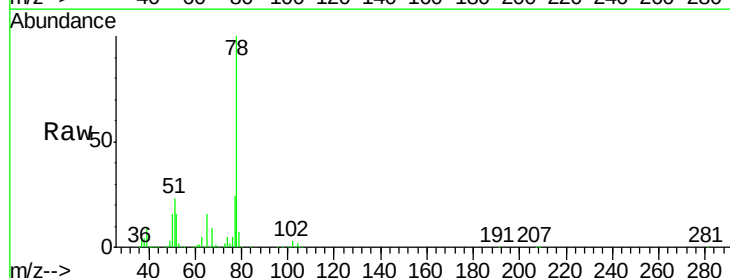


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

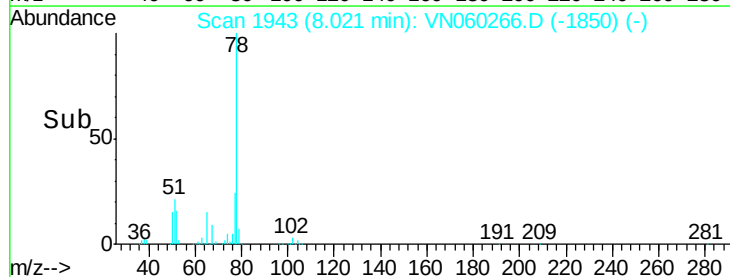
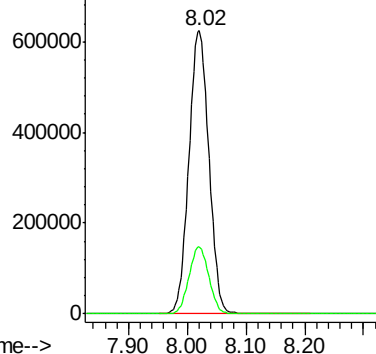


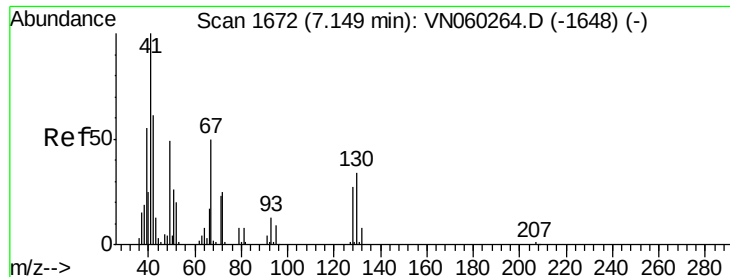
#40
Benzene
Concen: 140.49 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN060266.D
Acq: 27 Feb 2020 12:14

Tgt Ion: 78 Resp: 1463078
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2



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

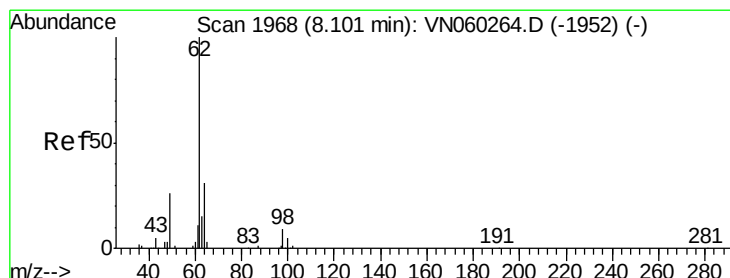
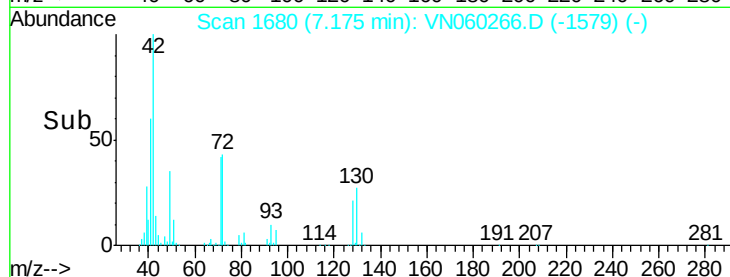
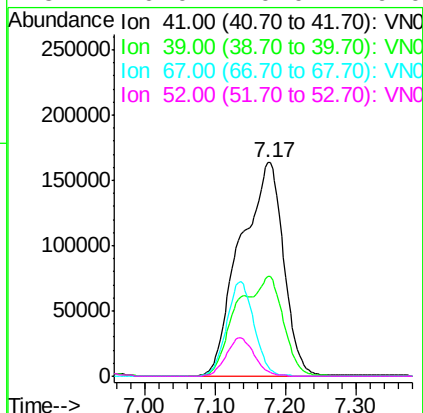
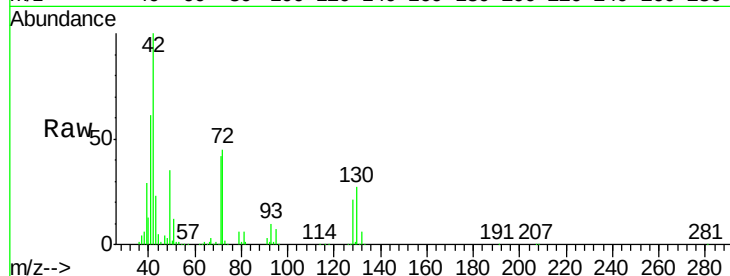




#41
Methacrylonitrile
Concen: 444.39 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060266.D
Acq: 27 Feb 2020 12:14

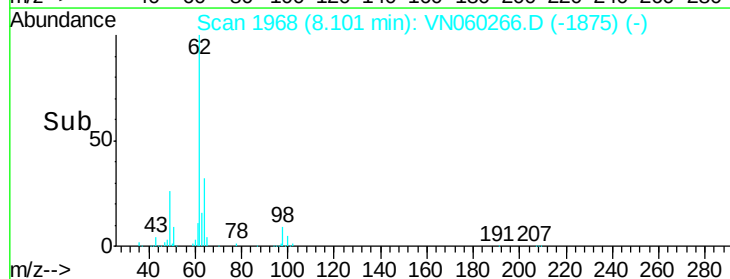
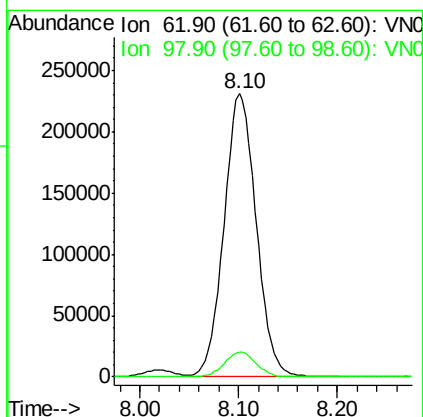
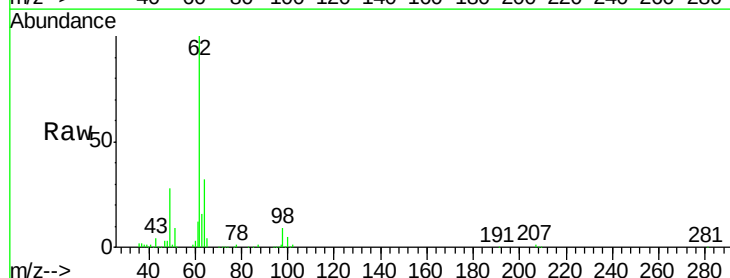
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

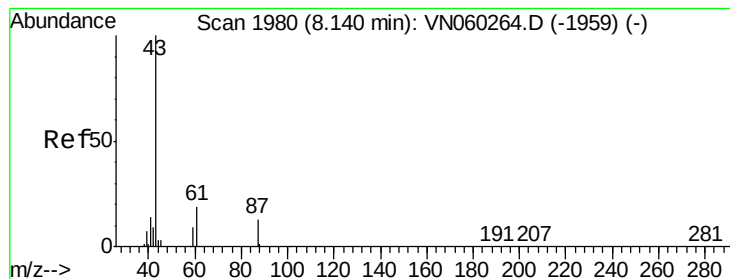
Tgt Ion:	41	Resp:	701016
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 139.16 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060266.D
Acq: 27 Feb 2020 12:14

Tgt Ion:	62	Resp:	525800
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.0





#43

Isopropyl Acetate

Concen: 144.53 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

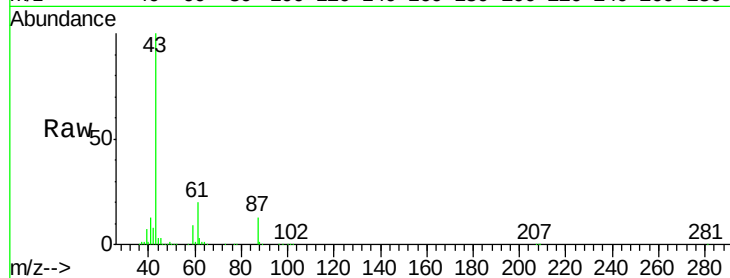
Tgt Ion: 43 Resp: 850461

Ion Ratio Lower Upper

43 100

61 26.3 20.9 31.3

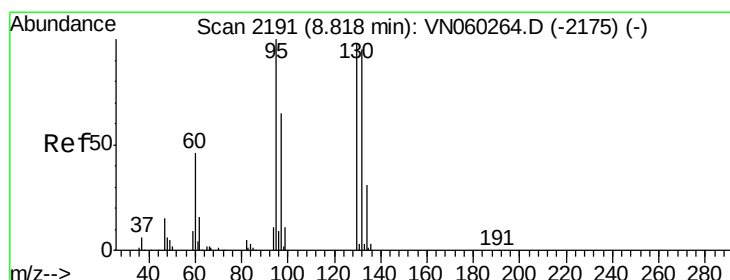
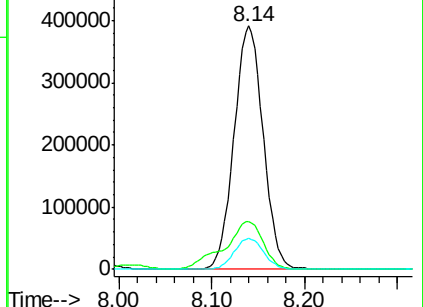
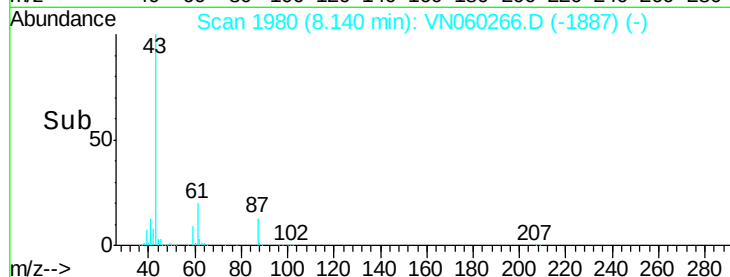
87 12.9 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN060266.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060266.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060266.D (-1887) (-)



#44

Trichloroethene

Concen: 138.00 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN060266.D

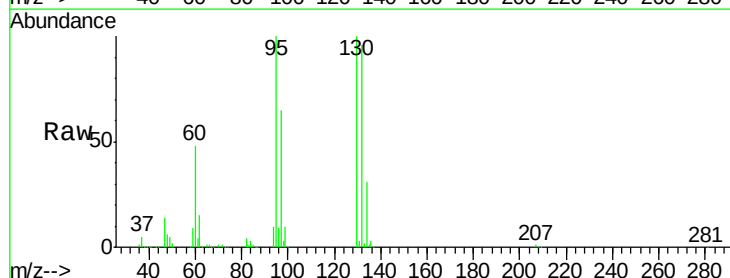
Acq: 27 Feb 2020 12:14

Tgt Ion: 130 Resp: 398554

Ion Ratio Lower Upper

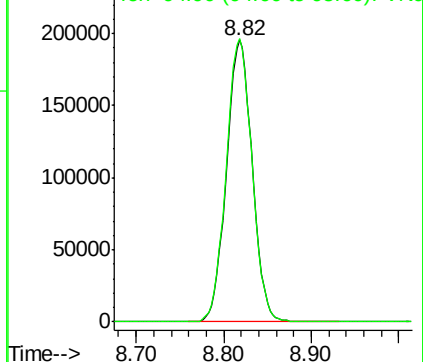
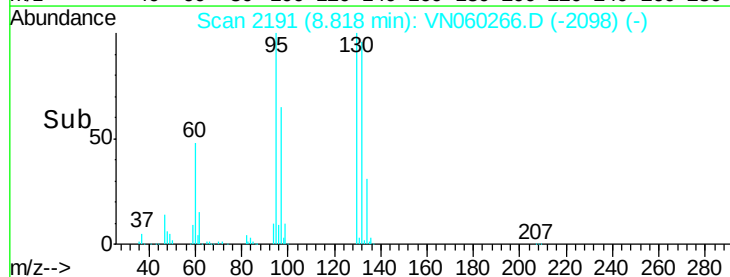
130 100

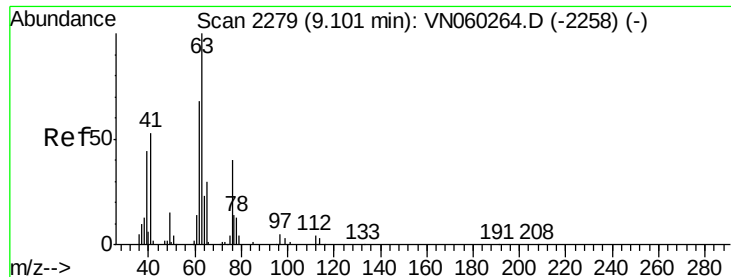
95 100.4 0.0 203.4



Abundance Ion 129.80 (129.50 to 130.50): VN060266.D (-2098) (-)

Ion 94.90 (94.60 to 95.60): VN060266.D (-2098) (-)





#45

1,2-Dichloropropane

Concen: 141.74 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

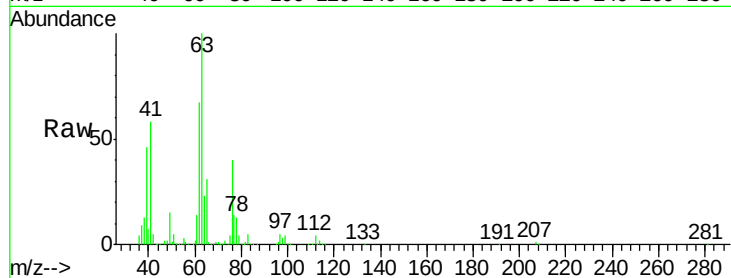
VSTDIC150

Tgt Ion: 63 Resp: 393347

Ion Ratio Lower Upper

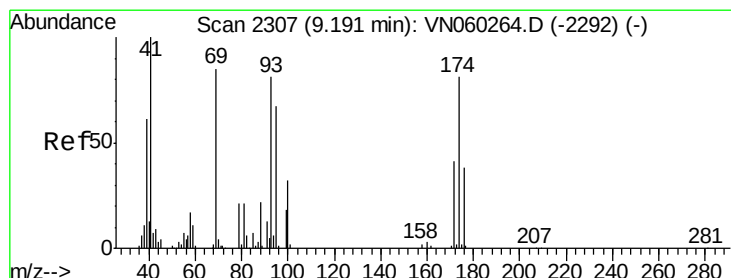
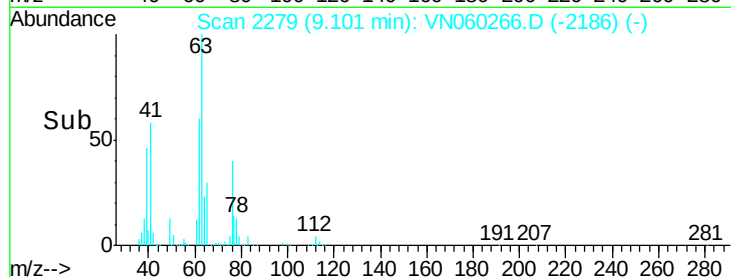
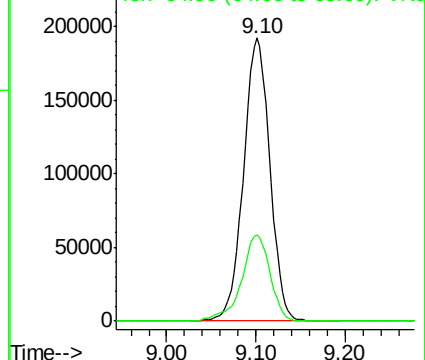
63 100

65 30.6 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 144.51 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

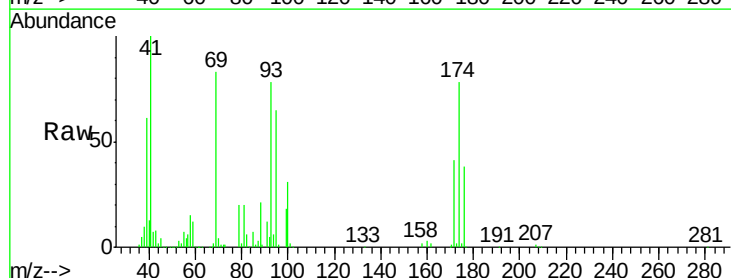
Tgt Ion: 93 Resp: 254415

Ion Ratio Lower Upper

93 100

95 83.0 65.9 98.9

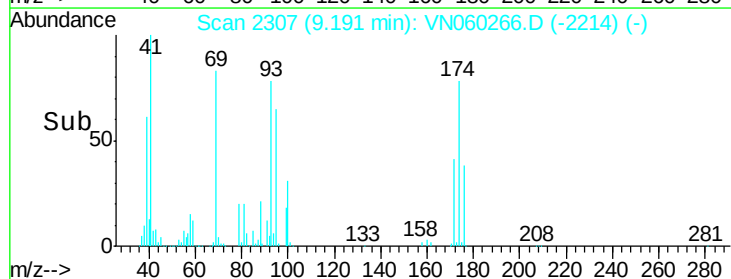
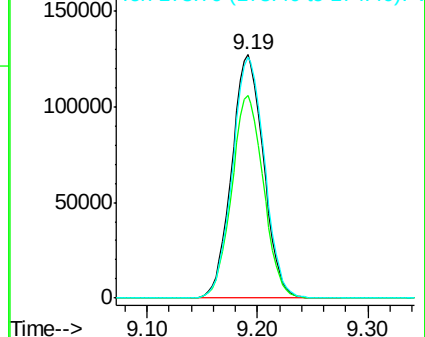
174 99.6 79.6 119.4

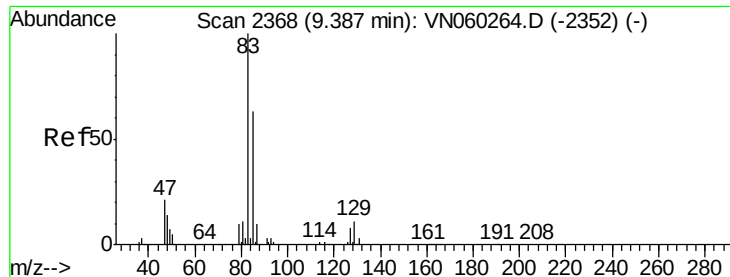


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO





#47

Bromodichloromethane

Concen: 149.47 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

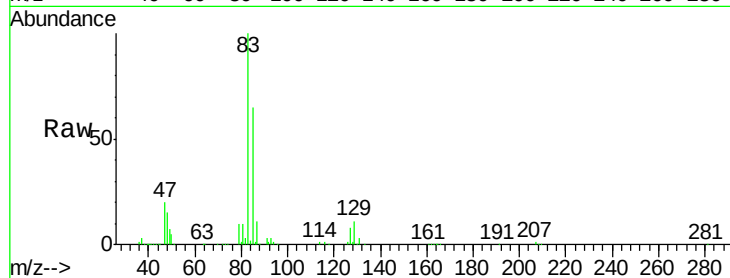
Tgt Ion: 83 Resp: 529207

Ion Ratio Lower Upper

83 100

85 64.9 50.7 76.1

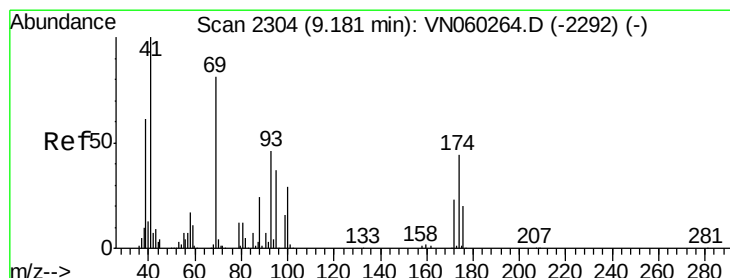
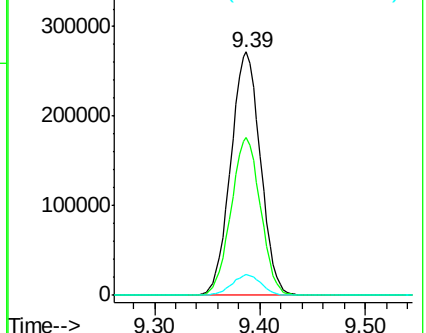
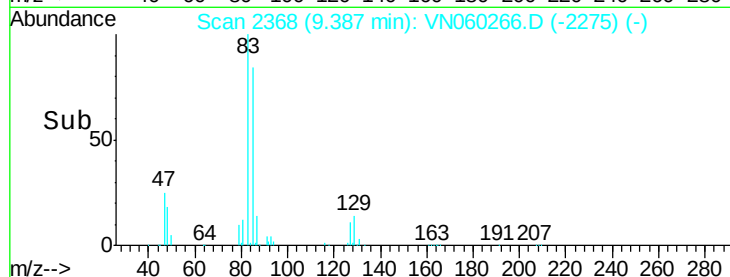
127 8.5 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN060266.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060266.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060266.D (-2275) (-)



#48

Methyl methacrylate

Concen: 150.11 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

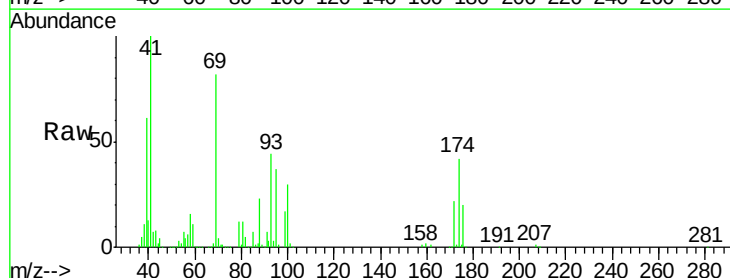
Tgt Ion: 41 Resp: 396311

Ion Ratio Lower Upper

41 100

69 84.5 66.7 100.1

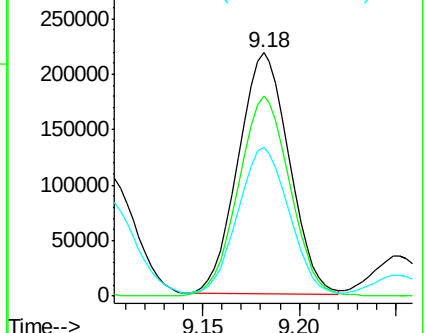
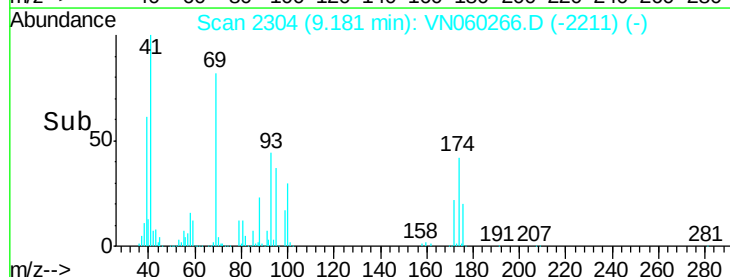
39 60.8 50.1 75.1

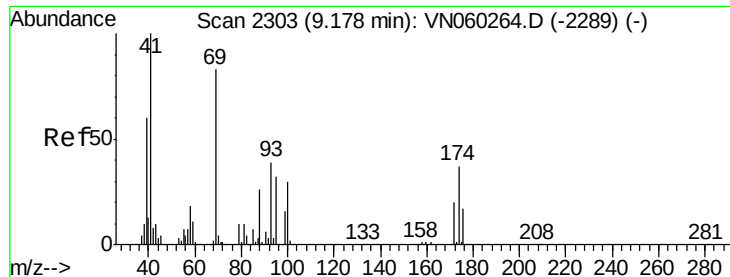


Abundance Ion 41.00 (40.70 to 41.70): VN060266.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060266.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060266.D (-2211) (-)

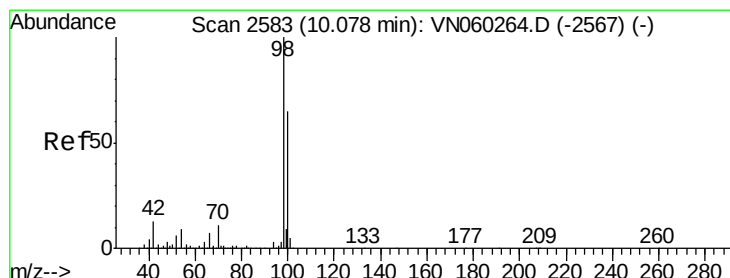
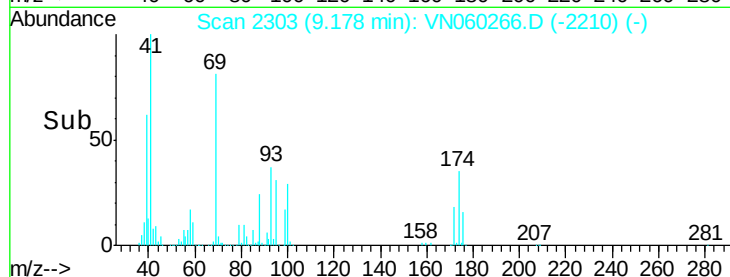
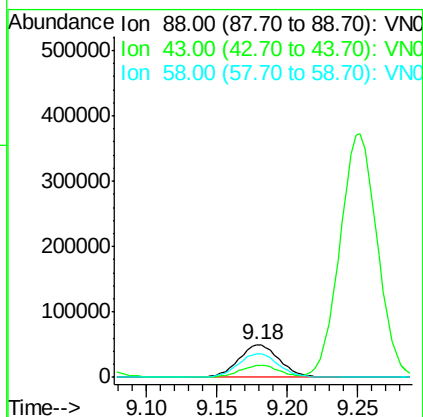
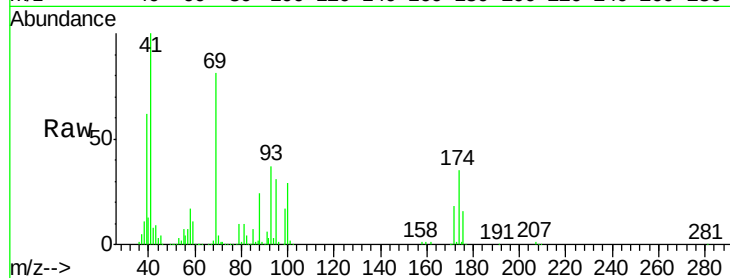




#49
 1,4-Dioxane
 Concen: 2590.87 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: VN060266.D
 Acq: 27 Feb 2020 12:14

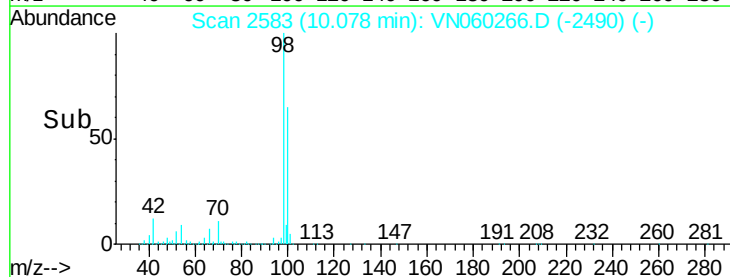
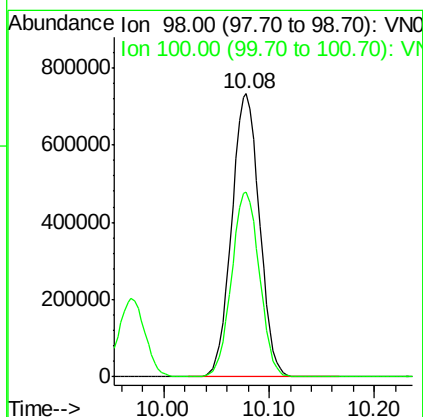
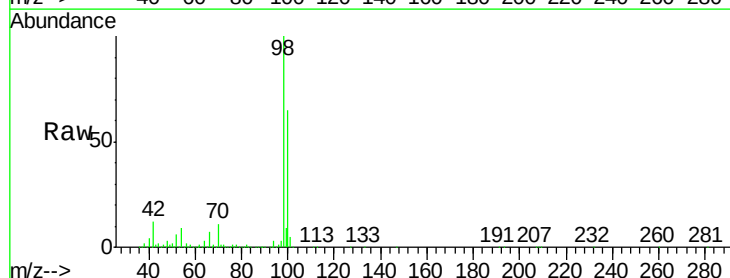
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

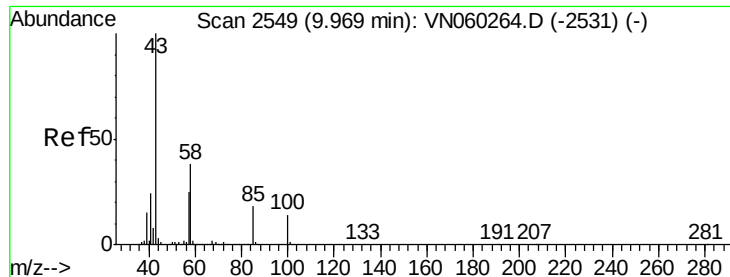
Tgt Ion: 88 Resp: 101305
 Ion Ratio Lower Upper
 88 100
 43 35.0 30.4 45.6
 58 72.1 57.0 85.6



#50
 Toluene-d8
 Concen: 156.66 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. 0.00 min
 Lab File: VN060266.D
 Acq: 27 Feb 2020 12:14

Tgt Ion: 98 Resp: 1332611
 Ion Ratio Lower Upper
 98 100
 100 65.3 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 728.00 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

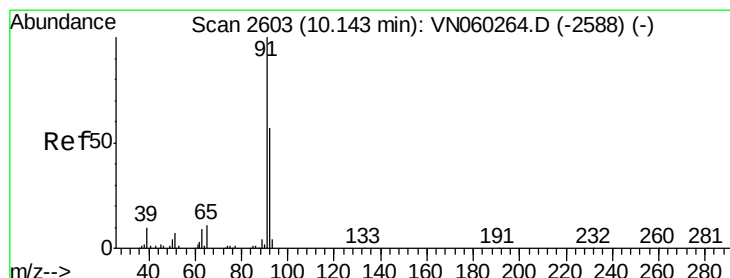
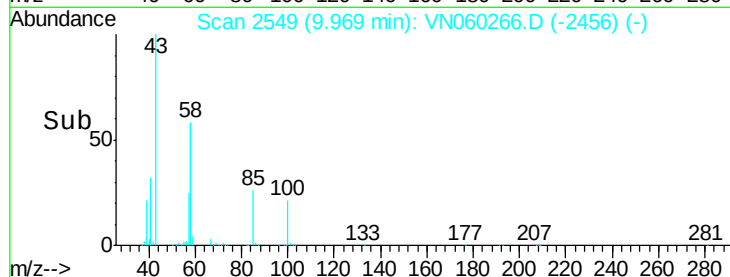
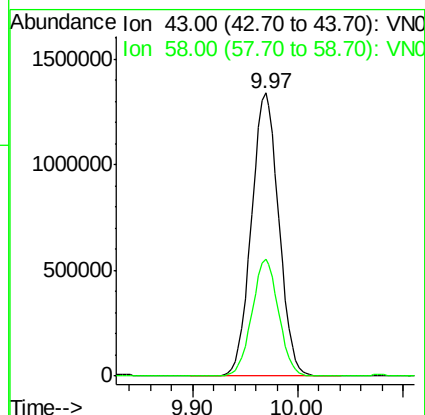
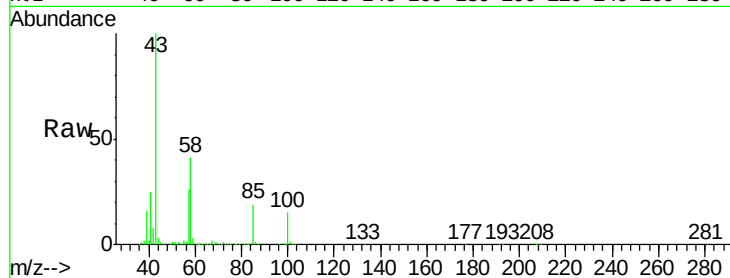
VSTDIC150

Tgt Ion: 43 Resp: 2420189

Ion Ratio Lower Upper

43 100

58 40.2 30.9 46.3



#52

Toluene

Concen: 144.60 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060266.D

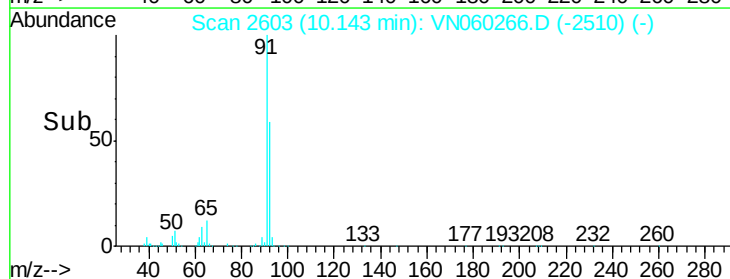
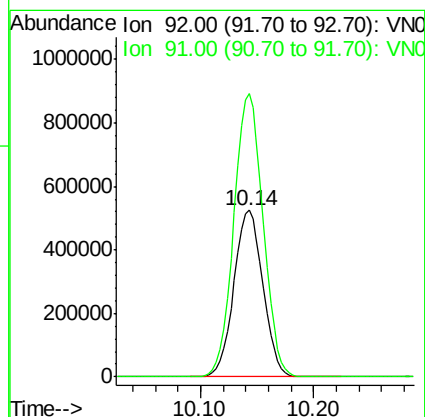
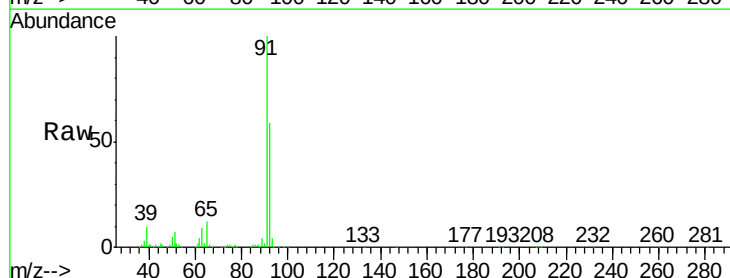
Acq: 27 Feb 2020 12:14

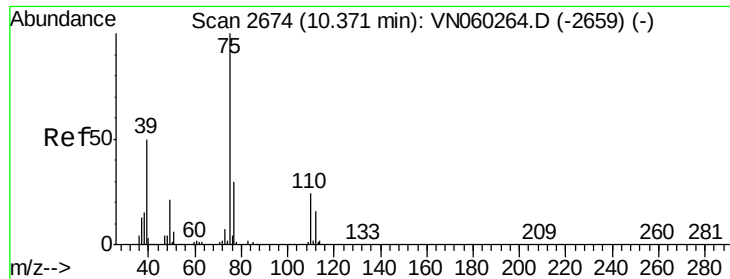
Tgt Ion: 92 Resp: 936166

Ion Ratio Lower Upper

92 100

91 171.3 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 145.11 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

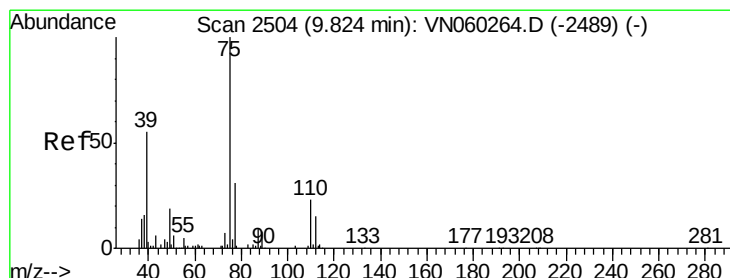
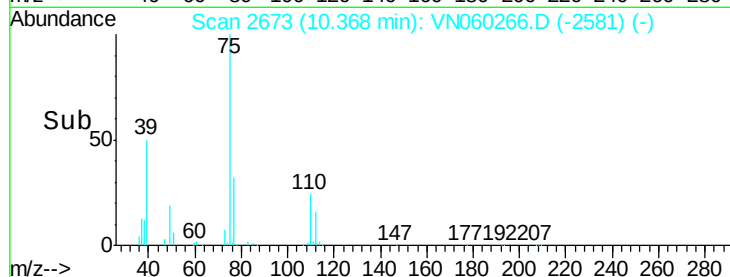
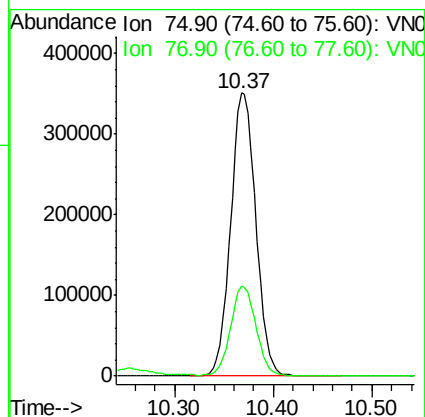
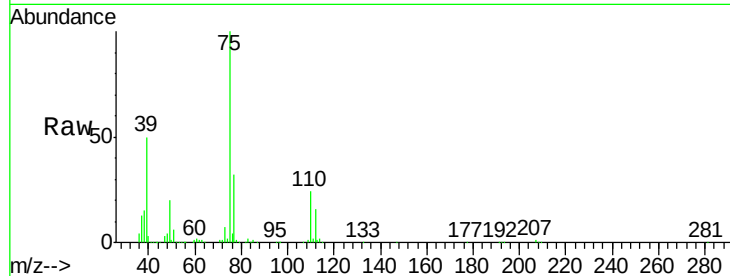
VSTDIC150

Tgt Ion: 75 Resp: 626360

Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 143.17 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

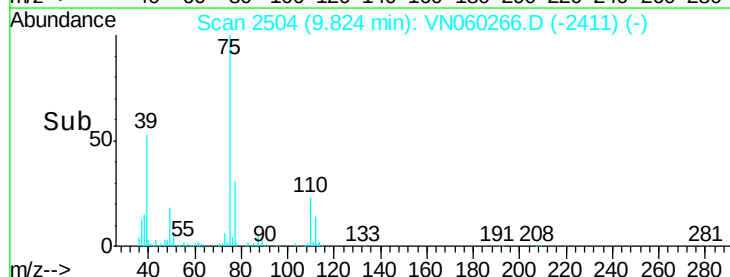
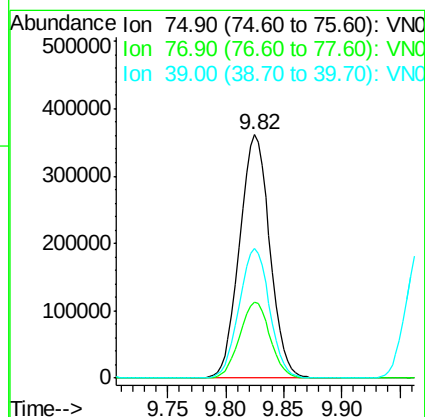
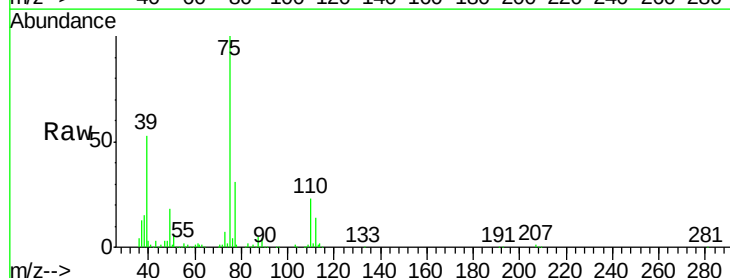
Tgt Ion: 75 Resp: 655766

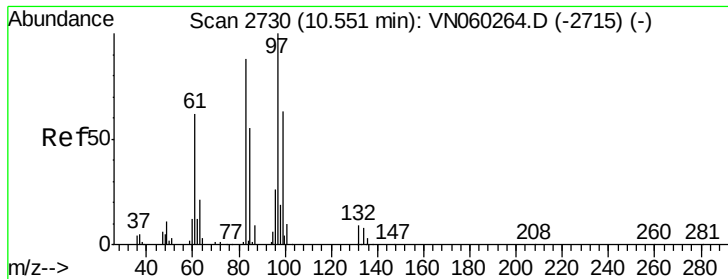
Ion Ratio Lower Upper

75 100

77 31.3 24.8 37.2

39 53.2 43.8 65.8

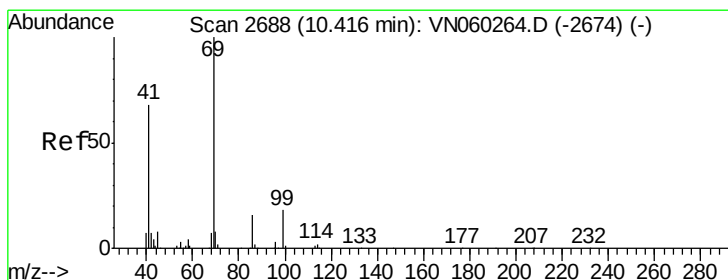
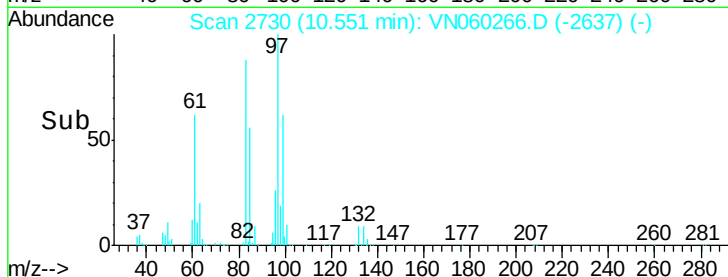
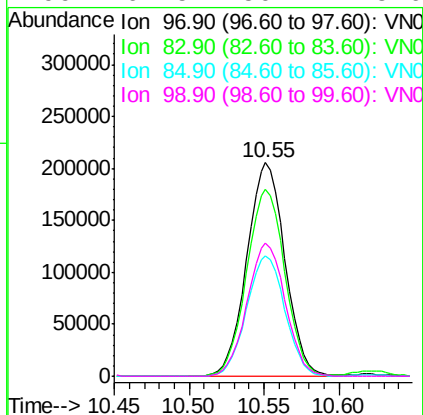
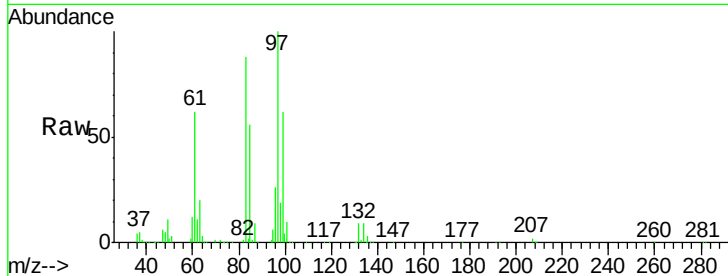




#55
 1,1,2-Trichloroethane
 Concen: 138.11 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN060266.D
 Acq: 27 Feb 2020 12:14

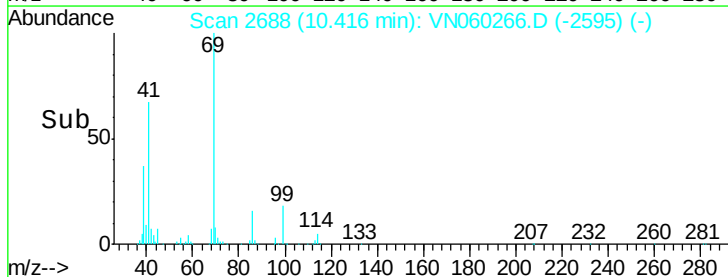
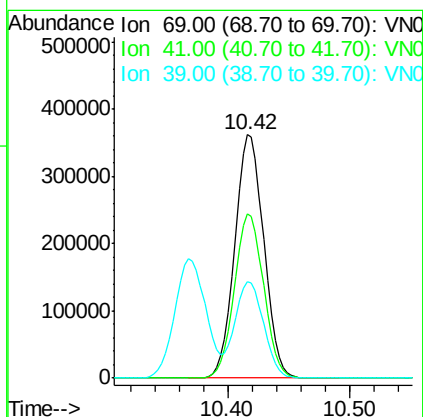
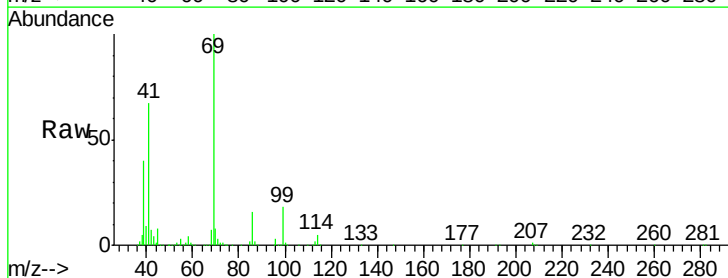
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

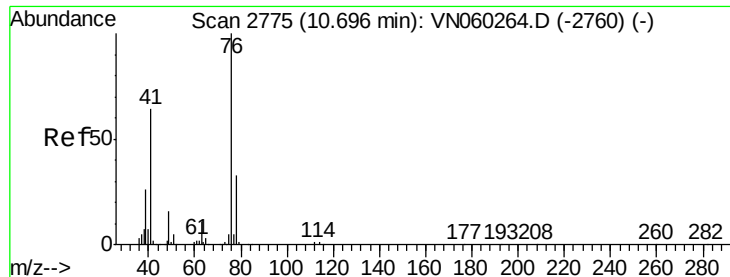
Tgt Ion:	97	Resp:	364095
Ion	Ratio	Lower	Upper
97	100		
83	87.6	70.0	105.0
85	56.4	44.0	66.0
99	62.5	50.4	75.6



#56
 Ethyl methacrylate
 Concen: 161.31 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060266.D
 Acq: 27 Feb 2020 12:14

Tgt Ion:	69	Resp:	595930
Ion	Ratio	Lower	Upper
69	100		
41	67.6	54.1	81.1
39	39.9	32.5	48.7

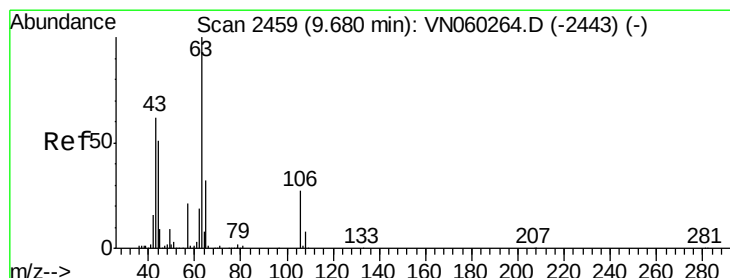
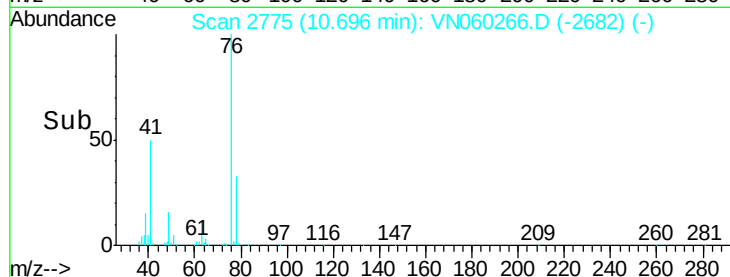
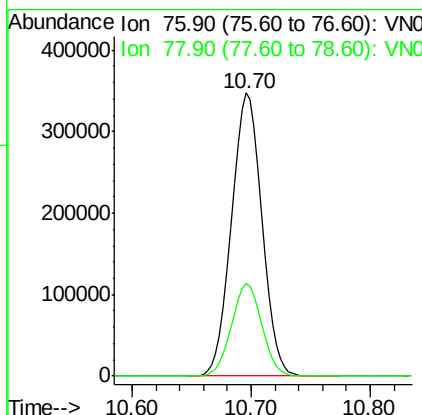
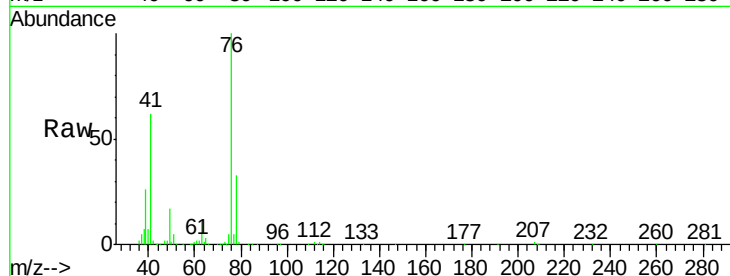




#57
 1,3-Dichloropropane
 Concen: 143.21 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. -0.00 min
 Lab File: VN060266.D
 Acq: 27 Feb 2020 12:14

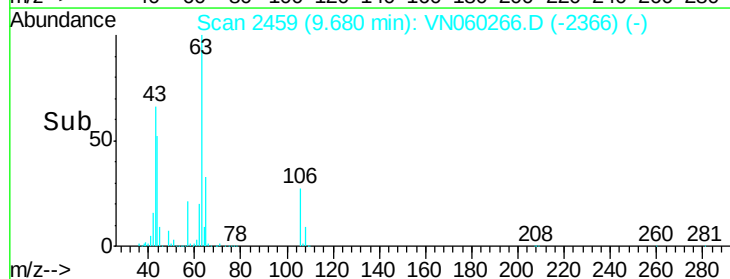
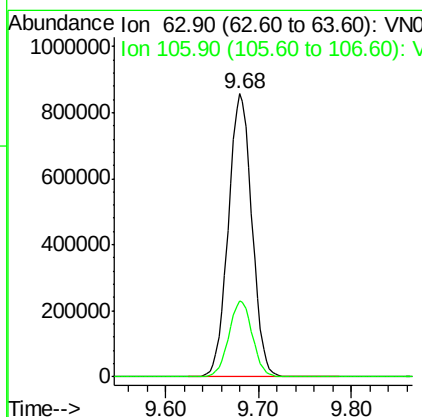
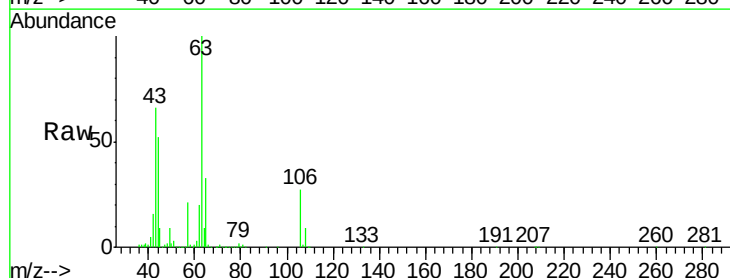
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

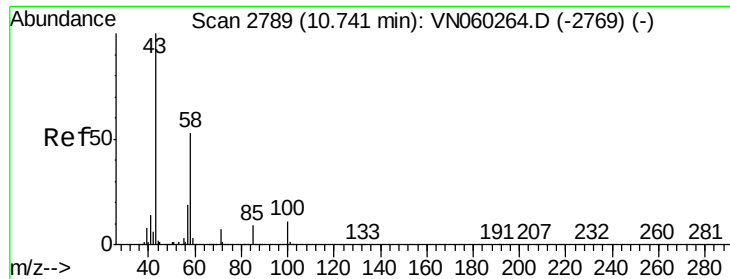
Tgt Ion: 76 Resp: 615639
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 756.09 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. -0.00 min
 Lab File: VN060266.D
 Acq: 27 Feb 2020 12:14

Tgt Ion: 63 Resp: 1512427
 Ion Ratio Lower Upper
 63 100
 106 26.8 21.1 31.7

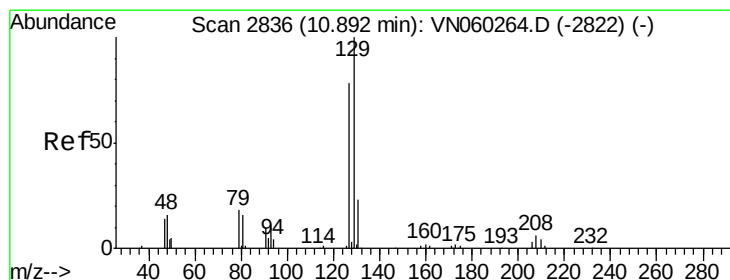
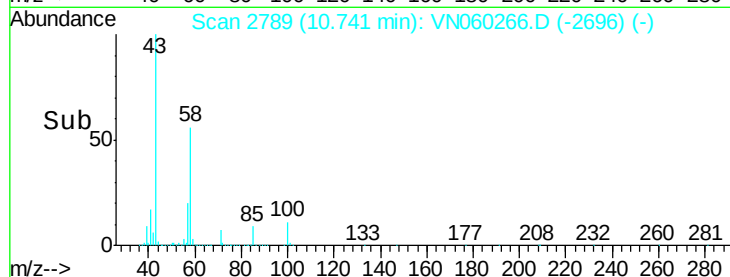
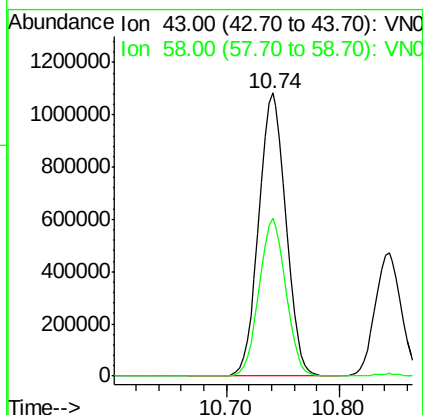
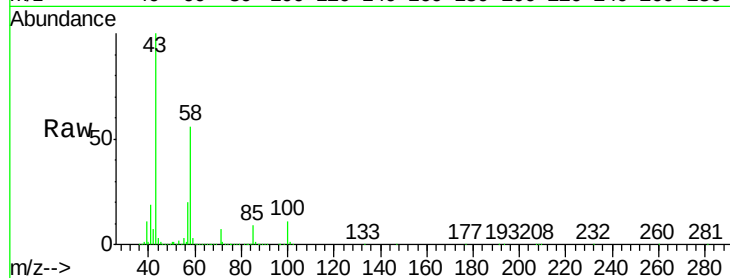




#59
2-Hexanone
Concen: 731.97 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060266.D
Acq: 27 Feb 2020 12:14

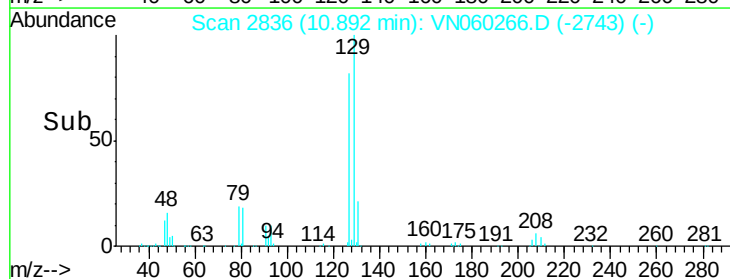
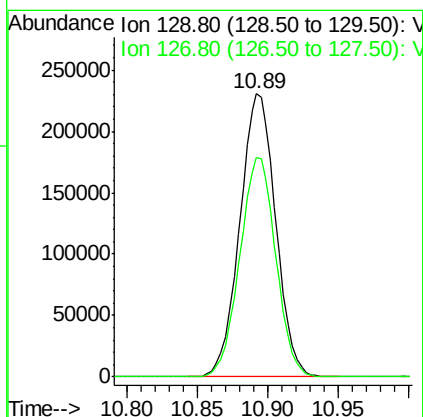
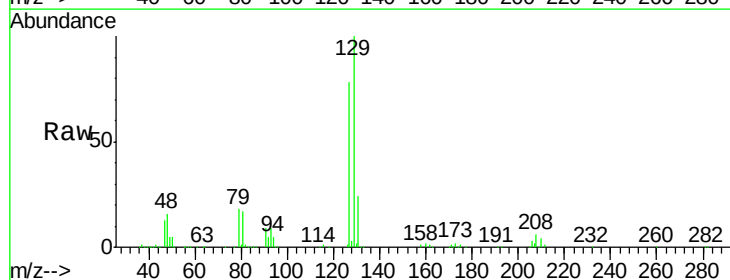
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

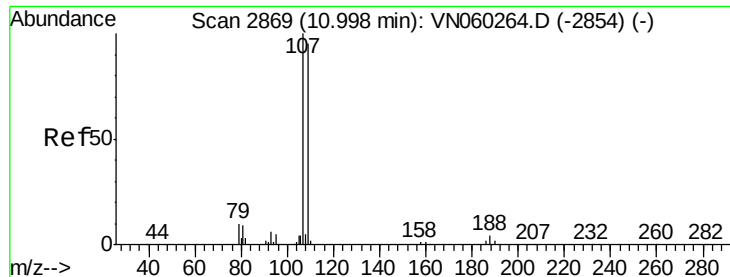
Tgt Ion: 43 Resp: 1804469
Ion Ratio Lower Upper
43 100
58 54.9 26.5 79.5



#60
Dibromochloromethane
Concen: 158.00 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060266.D
Acq: 27 Feb 2020 12:14

Tgt Ion: 129 Resp: 410321
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7

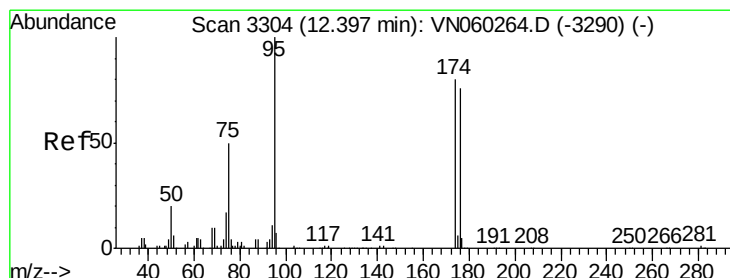
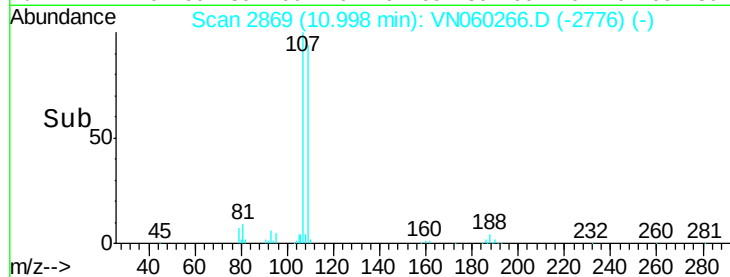
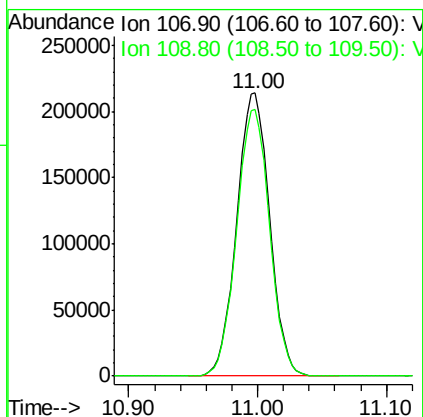
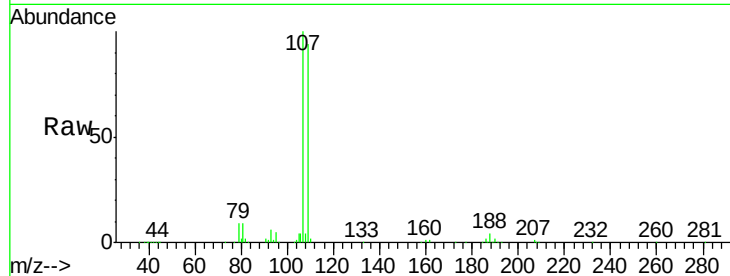




#61
 1,2-Dibromoethane
 Concen: 148.89 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. -0.00 min
 Lab File: VN060266.D
 Acq: 27 Feb 2020 12:14

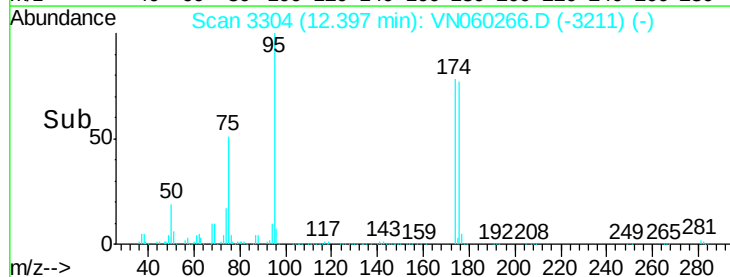
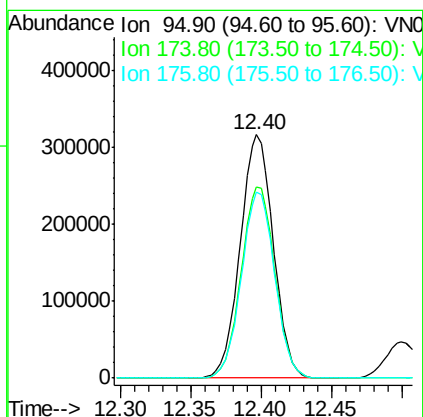
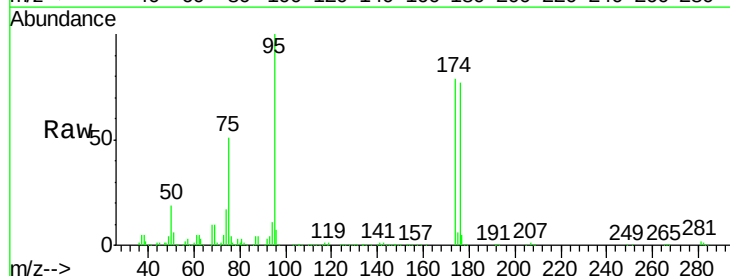
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

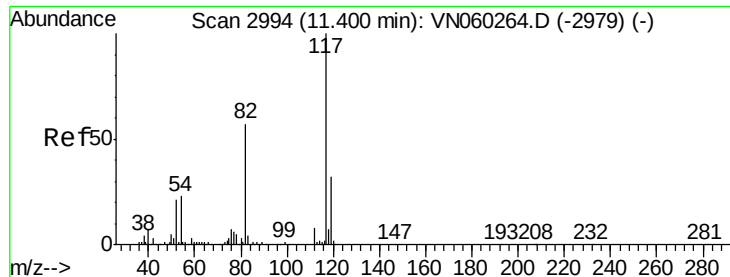
Tgt Ion: 107 Resp: 379838
 Ion Ratio Lower Upper
 107 100
 109 94.5 76.8 115.2



#62
 4-Bromofluorobenzene
 Concen: 163.08 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060266.D
 Acq: 27 Feb 2020 12:14

Tgt Ion: 95 Resp: 521430
 Ion Ratio Lower Upper
 95 100
 174 79.8 0.0 159.2
 176 77.1 0.0 153.8





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

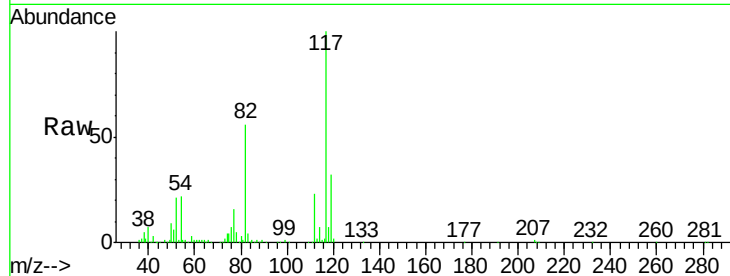
Tgt Ion:117 Resp: 342214

Ion Ratio Lower Upper

117 100

82 56.0 45.8 68.6

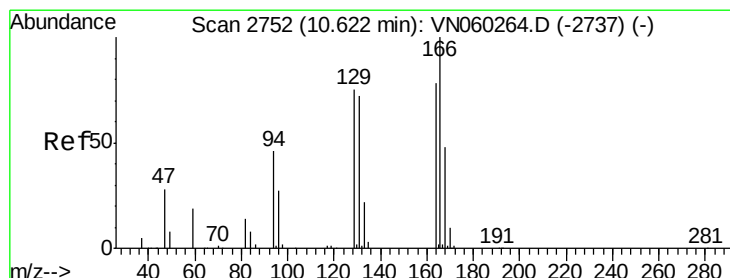
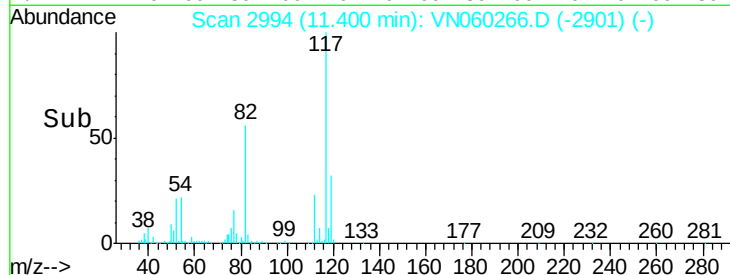
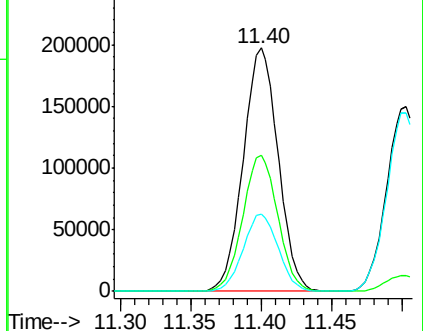
119 31.9 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 127.27 ug/l

RT: 10.62 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

Tgt Ion:164 Resp: 395404

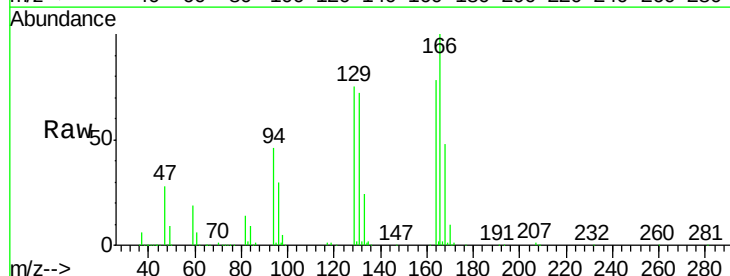
Ion Ratio Lower Upper

164 100

166 128.1 102.0 153.0

129 96.0 76.4 114.6

131 92.7 73.6 110.4

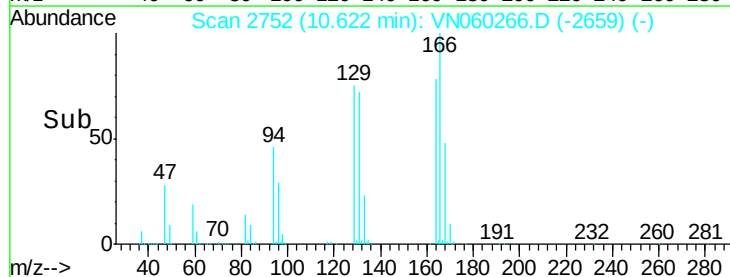
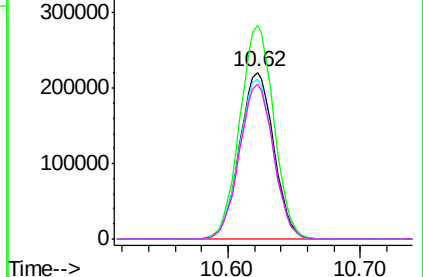


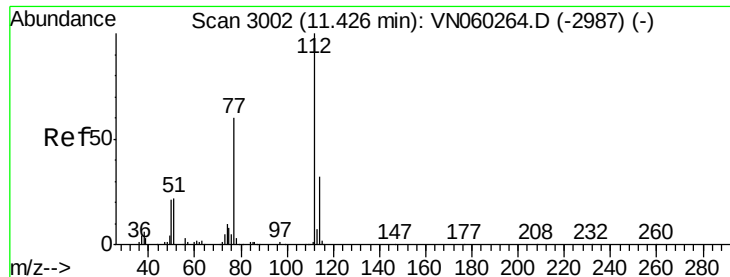
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 140.84 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

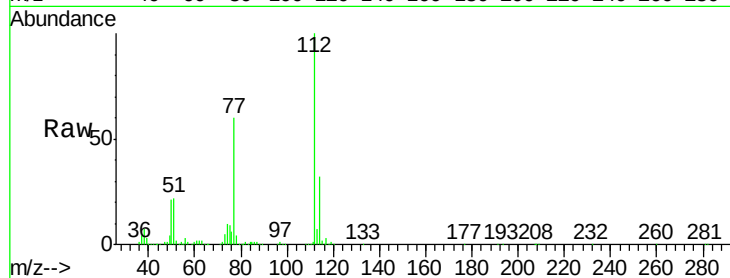
VSTDIC150

Tgt Ion:112 Resp: 993664

Ion Ratio Lower Upper

112 100

114 31.8 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.43

600000

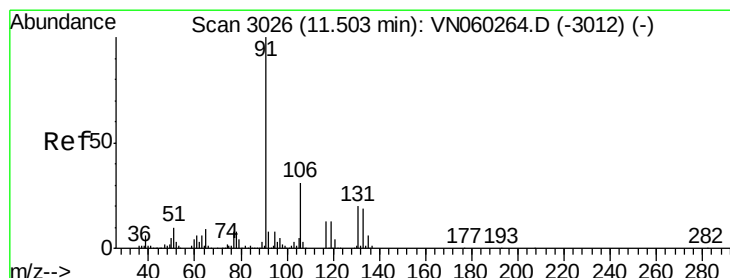
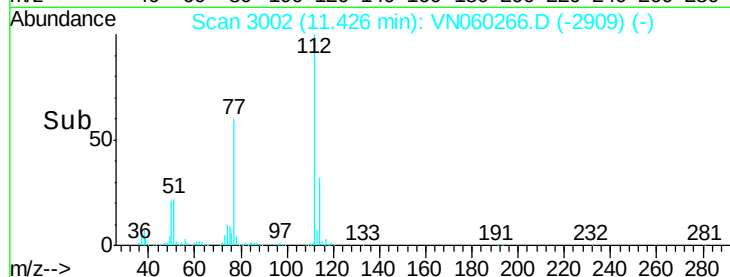
400000

200000

0

Time-->

11.40 11.50



#66

1,1,1,2-Tetrachloroethane

Concen: 145.47 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

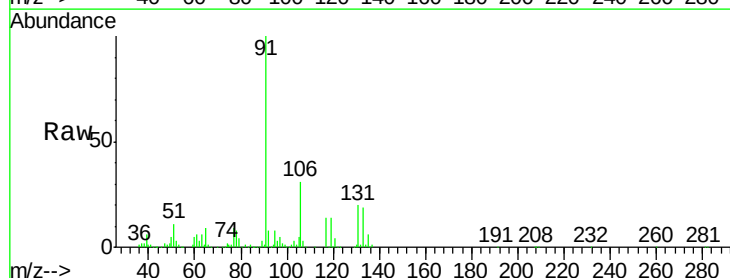
Tgt Ion:131 Resp: 380804

Ion Ratio Lower Upper

131 100

133 95.4 47.7 143.1

119 66.4 33.2 99.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.50

300000

250000

200000

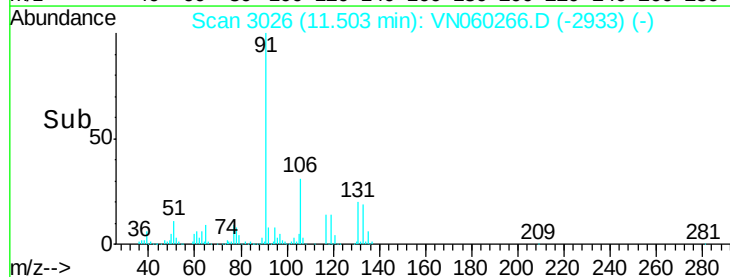
150000

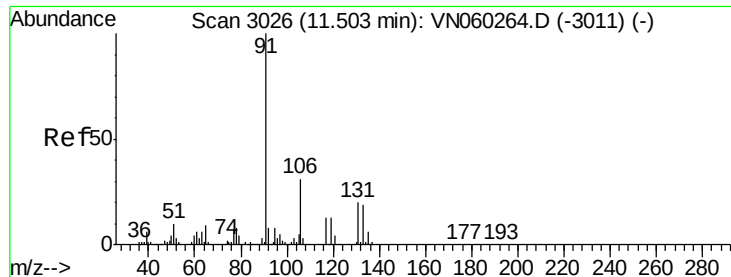
100000

50000

Time-->

11.45 11.50 11.55

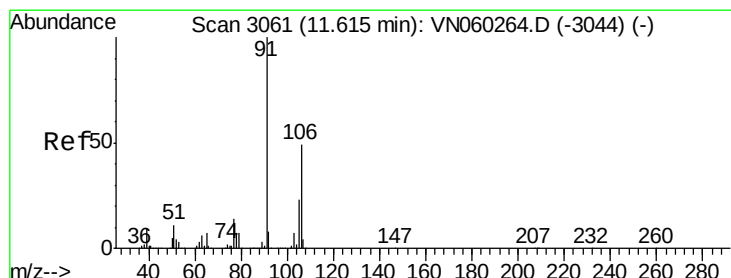
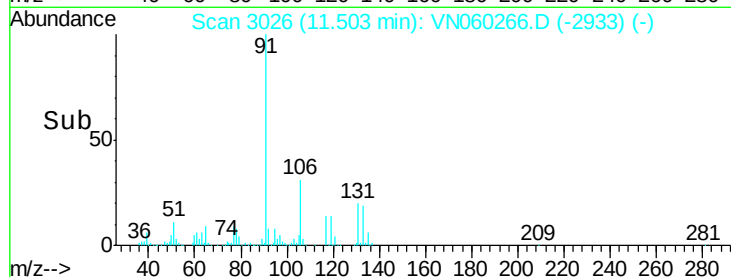
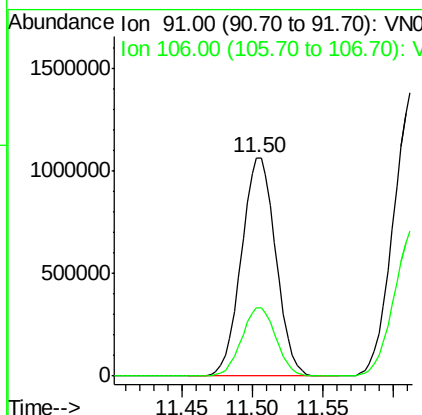
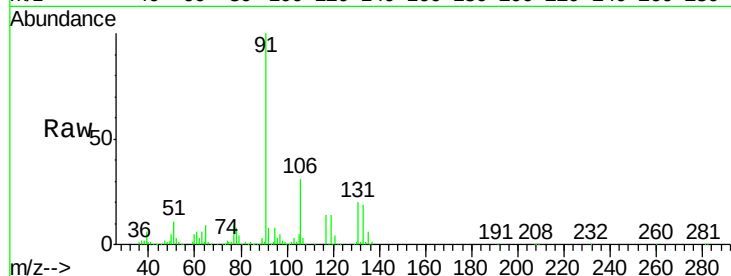




#67
Ethyl Benzene
Concen: 141.51 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060266.D
Acq: 27 Feb 2020 12:14

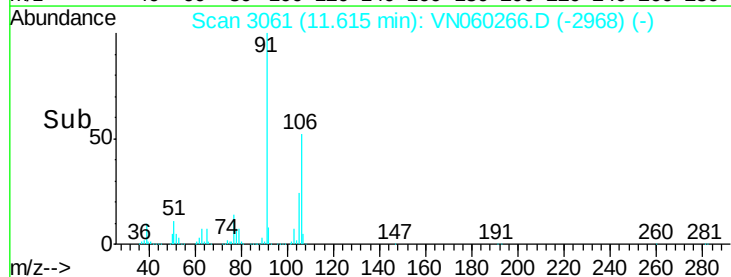
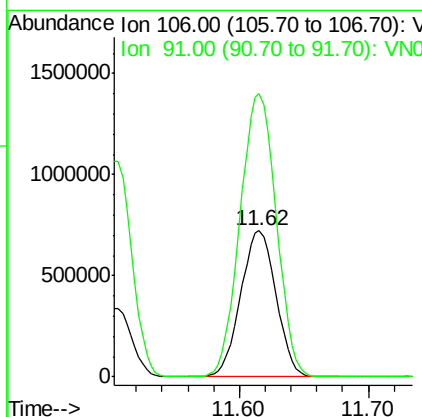
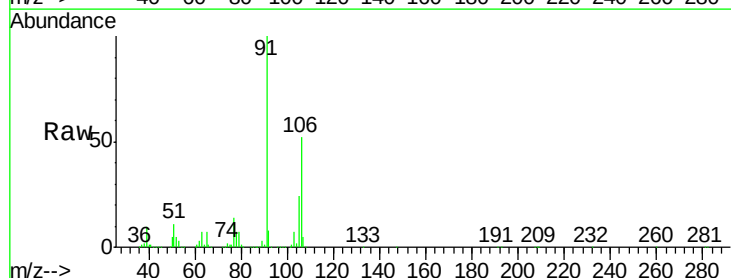
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

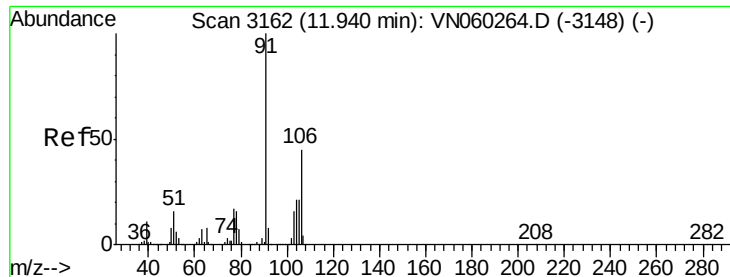
Tgt Ion: 91 Resp: 1819526
Ion Ratio Lower Upper
91 100
106 31.4 24.7 37.1



#68
m/p-Xylenes
Concen: 288.98 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN060266.D
Acq: 27 Feb 2020 12:14

Tgt Ion: 106 Resp: 1376867
Ion Ratio Lower Upper
106 100
91 198.8 164.5 246.7

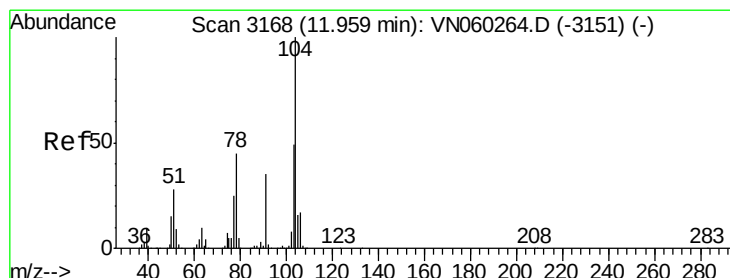
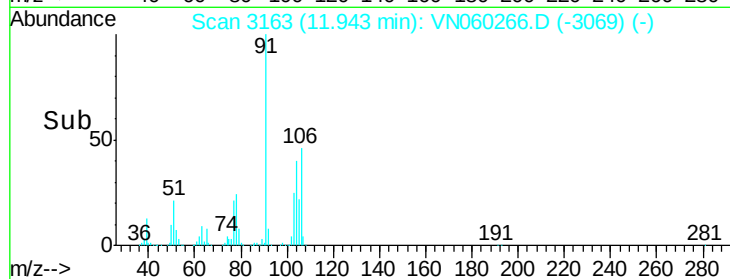
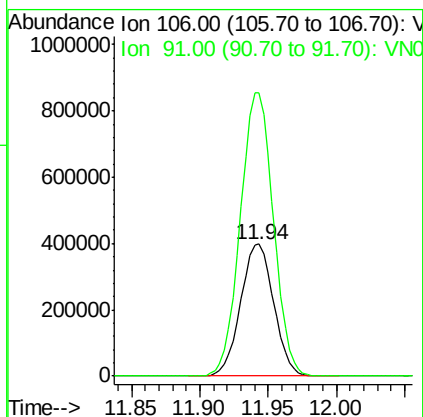
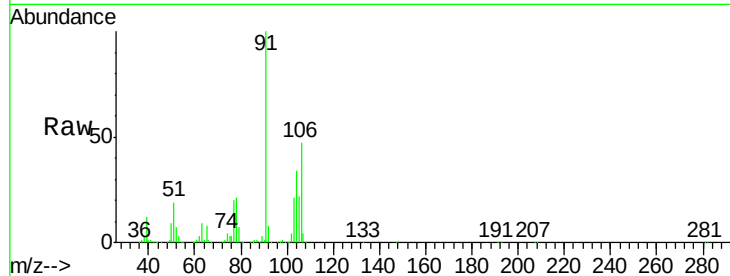




#69
o-Xylene
Concen: 143.52 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN060266.D
Acq: 27 Feb 2020 12:14

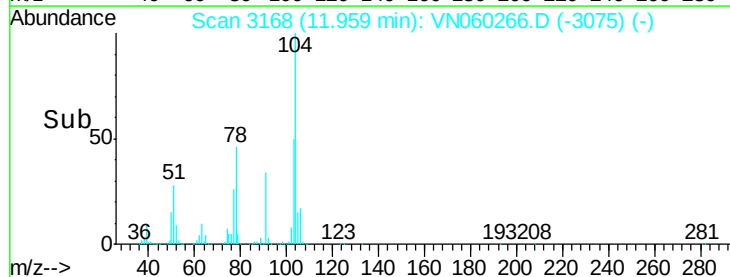
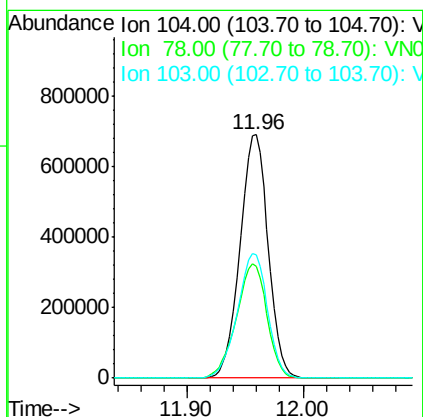
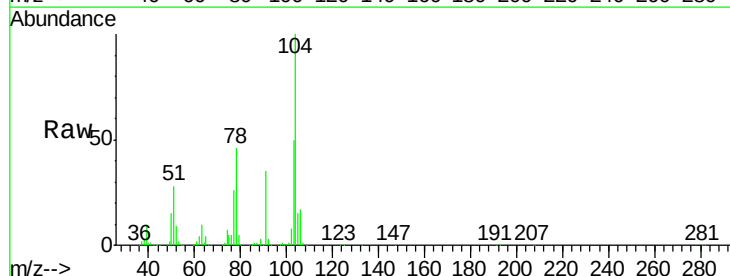
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

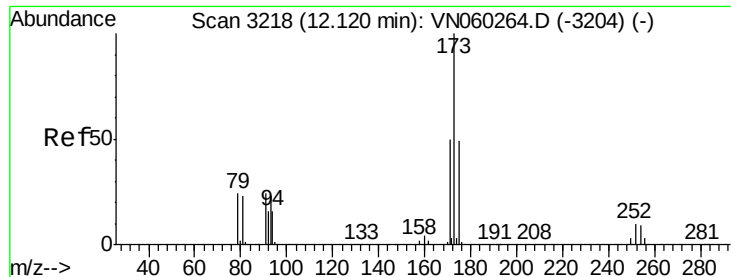
Tgt Ion:106 Resp: 670659
Ion Ratio Lower Upper
106 100
91 214.7 109.5 328.4



#70
Styrene
Concen: 155.52 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN060266.D
Acq: 27 Feb 2020 12:14

Tgt Ion:104 Resp: 1162536
Ion Ratio Lower Upper
104 100
78 51.1 41.2 61.8
103 54.8 43.9 65.9





#71

Bromoform

Concen: 165.61 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

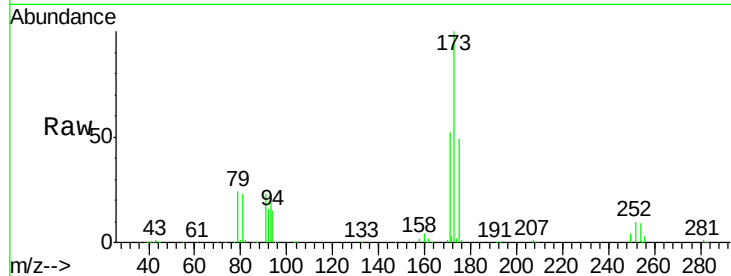
Tgt Ion:173 Resp: 306310

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.2

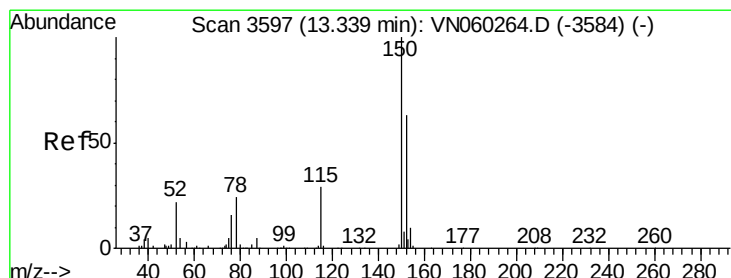
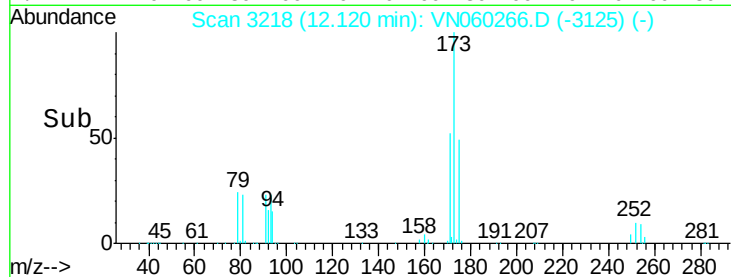
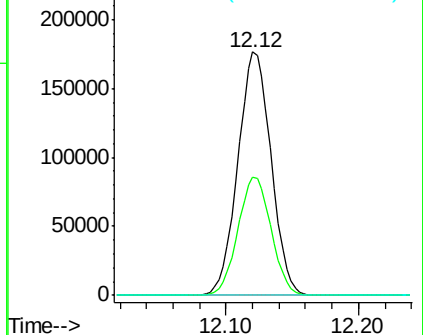
254 0.1 0.0 0.0#



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: 50.00 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

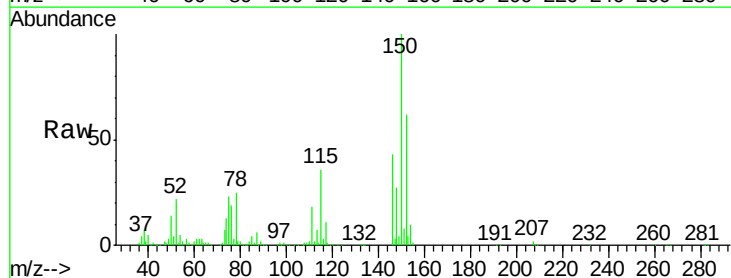
Tgt Ion:152 Resp: 174471

Ion Ratio Lower Upper

152 100

115 58.8 30.0 90.0

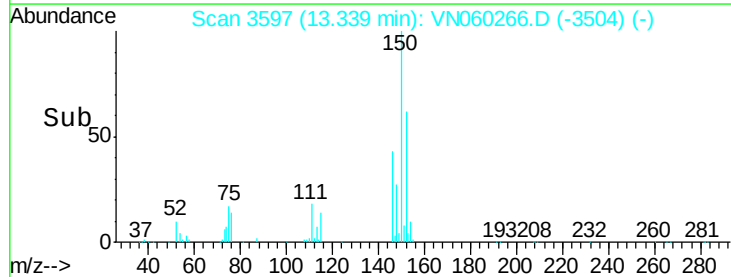
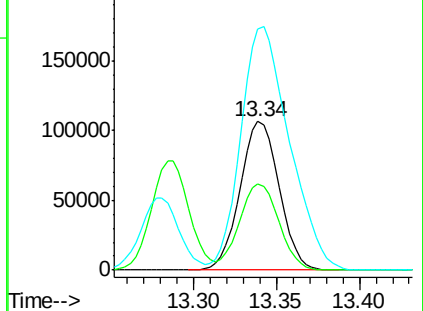
150 203.5 0.0 349.6

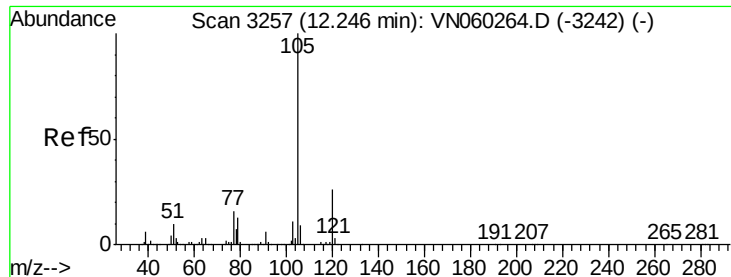


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 135.21 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

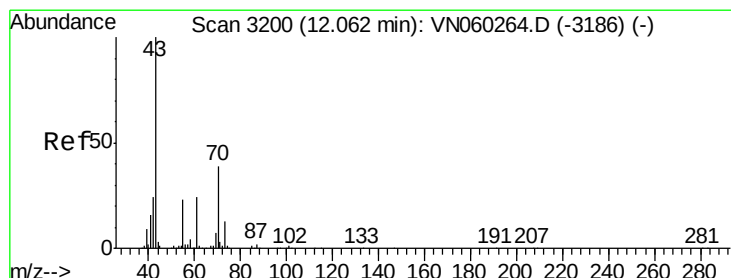
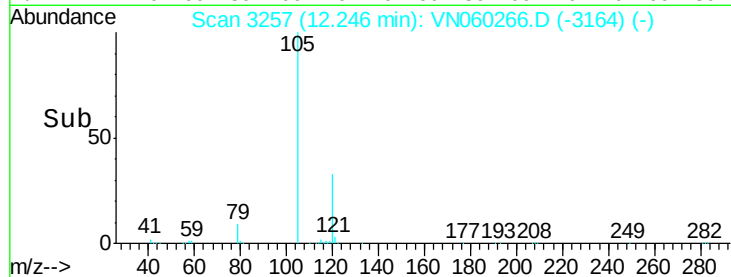
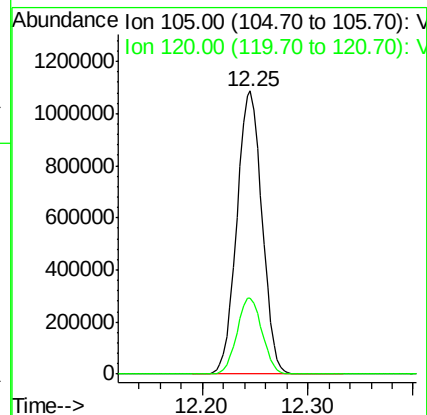
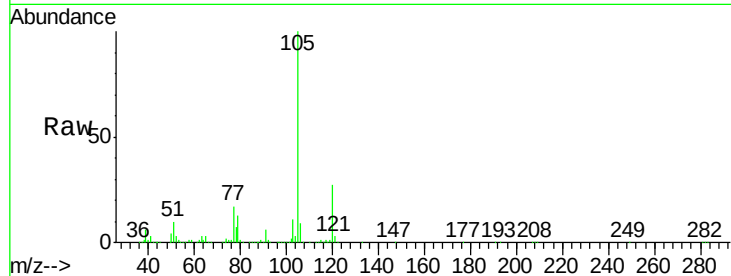
VSTDIC150

Tgt Ion:105 Resp: 1790629

Ion Ratio Lower Upper

105 100

120 26.8 13.0 38.9



#74

N-ethyl acetate

Concen: 140.90 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

Tgt Ion: 43 Resp: 805584

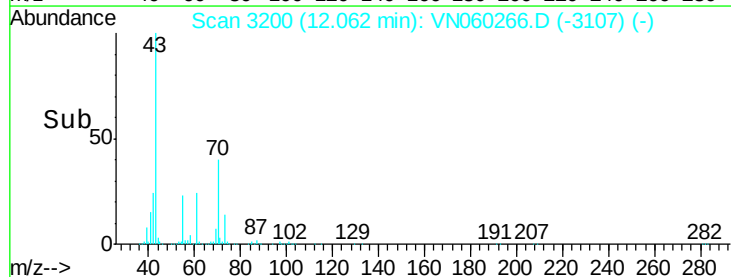
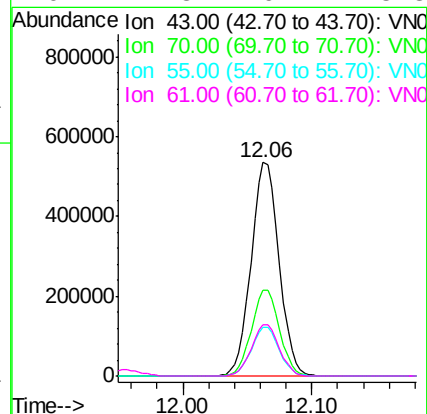
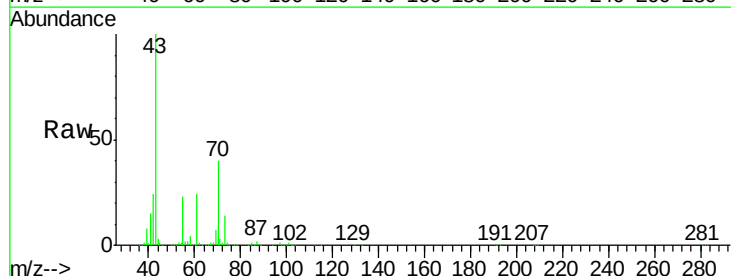
Ion Ratio Lower Upper

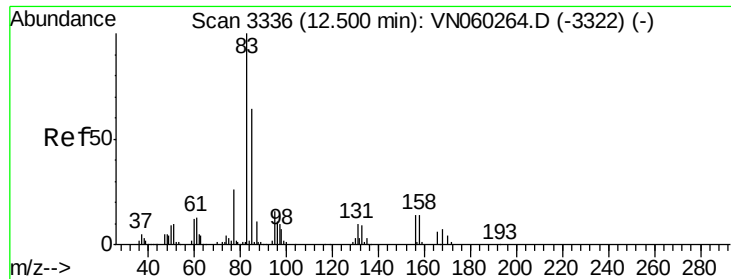
43 100

70 40.5 32.2 48.2

55 23.1 18.2 27.4

61 24.3 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 138.33 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

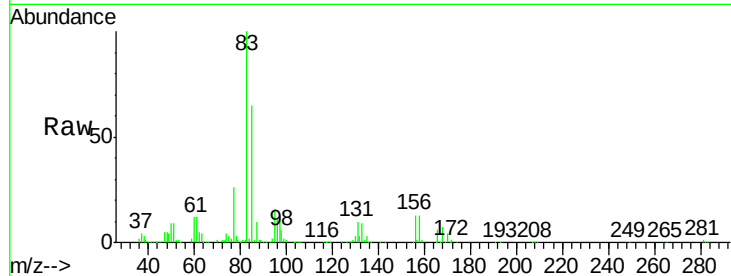
Tgt Ion: 83 Resp: 501219

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

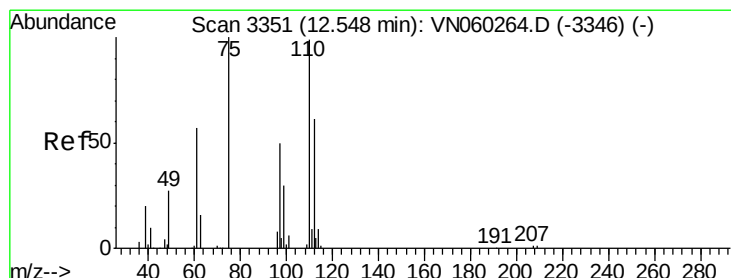
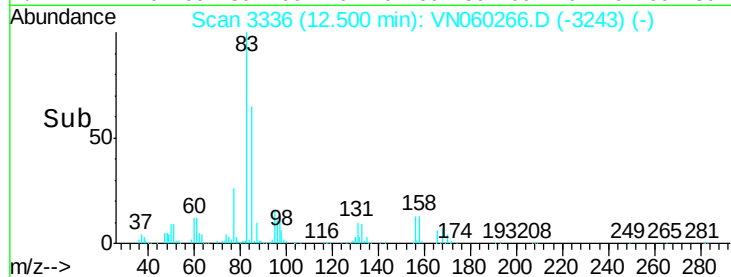
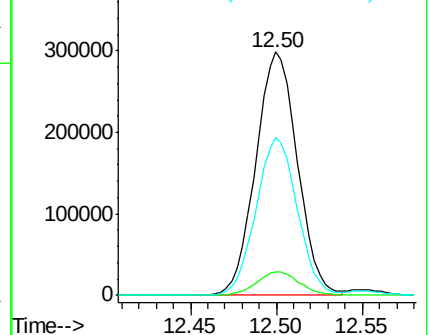
85 64.4 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN060266.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN060266.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN060266.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 178.59 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060266.D

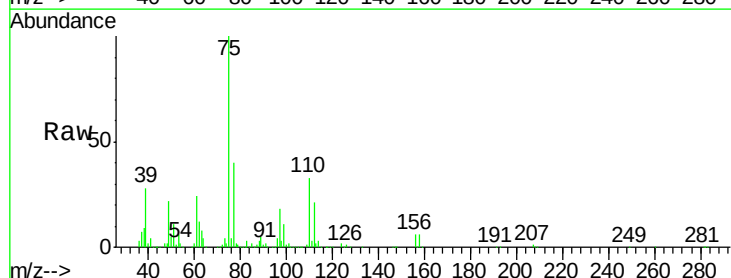
Acq: 27 Feb 2020 12:14

Tgt Ion: 75 Resp: 732698

Ion Ratio Lower Upper

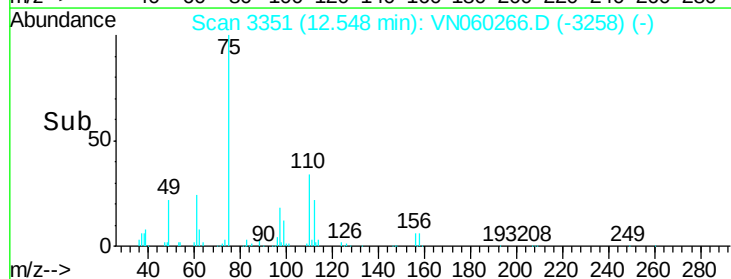
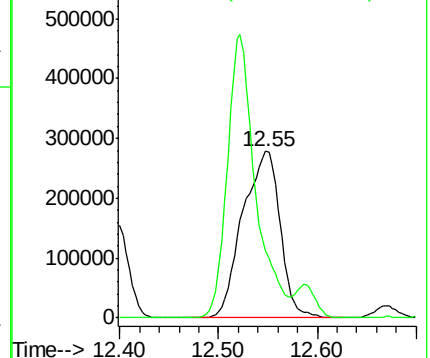
75 100

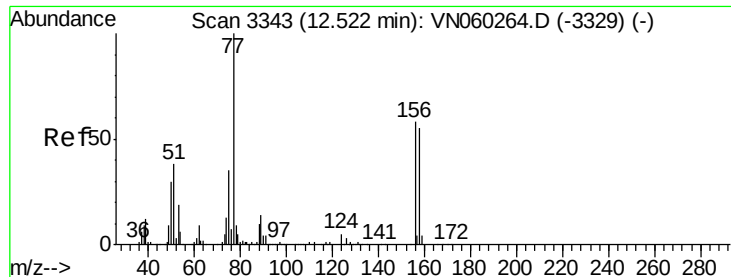
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060266.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN060266.D (-3346) (-)





#77

Bromobenzene

Concen: 136.80 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

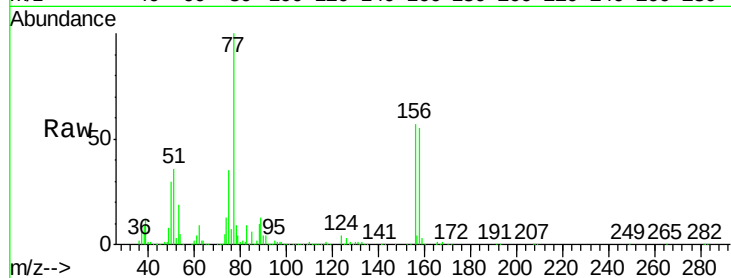
Tgt Ion:156 Resp: 447084

Ion Ratio Lower Upper

156 100

77 212.0 106.1 318.3

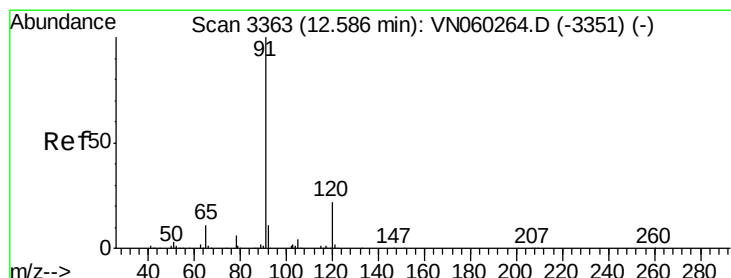
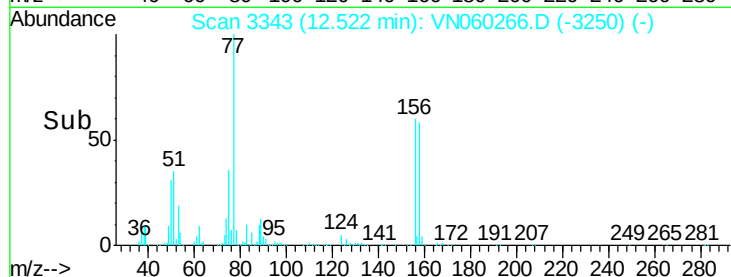
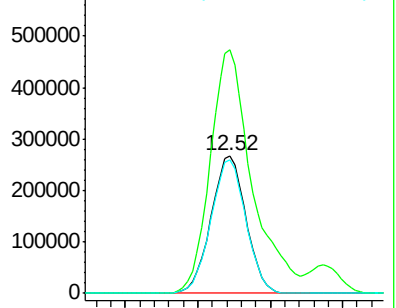
158 97.1 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 133.32 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060266.D

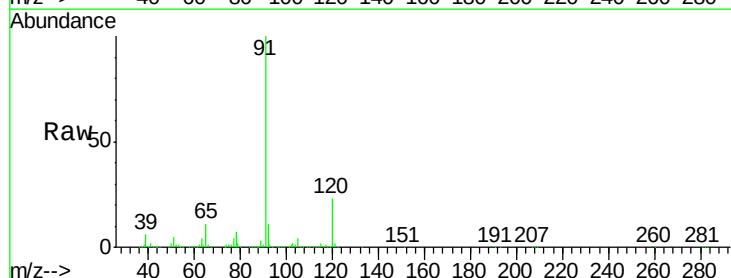
Acq: 27 Feb 2020 12:14

Tgt Ion: 91 Resp: 2087706

Ion Ratio Lower Upper

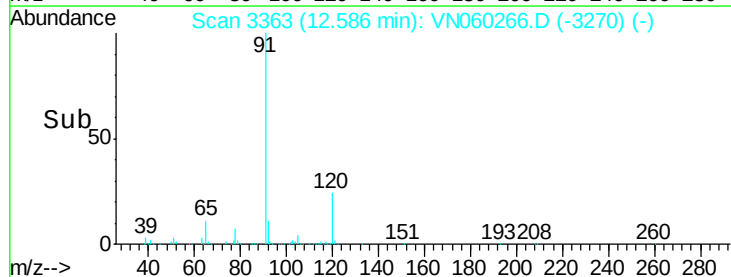
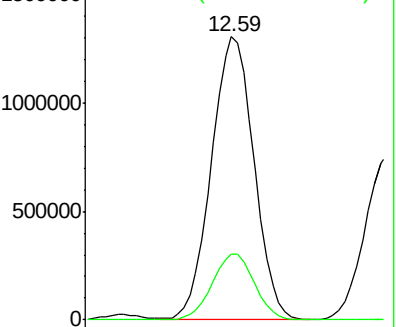
91 100

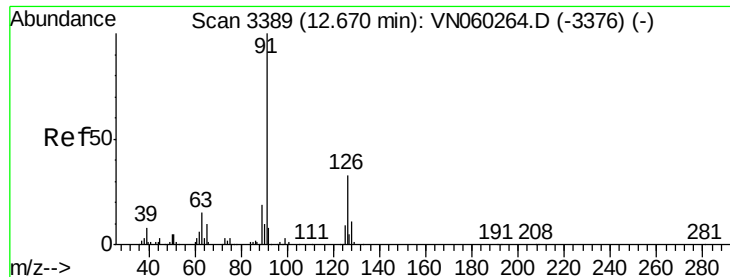
120 23.1 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 134.53 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

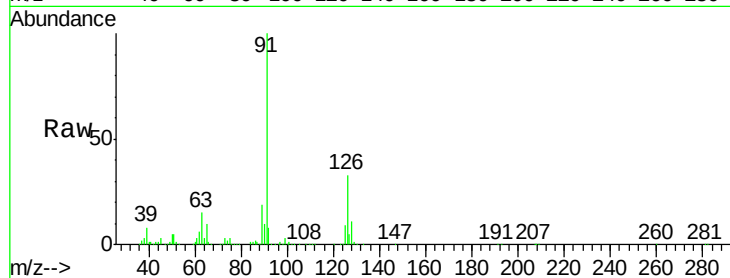
VSTDIC150

Tgt Ion: 91 Resp: 1236247

Ion Ratio Lower Upper

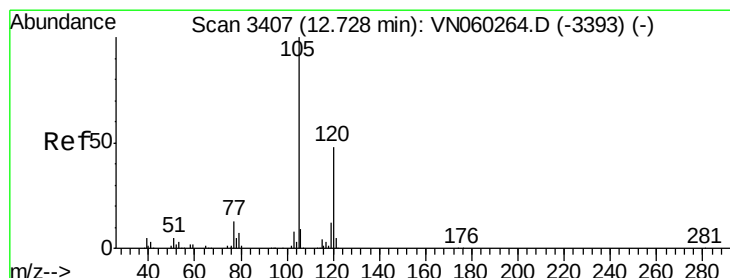
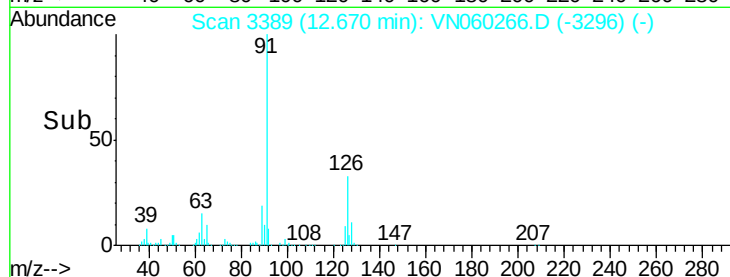
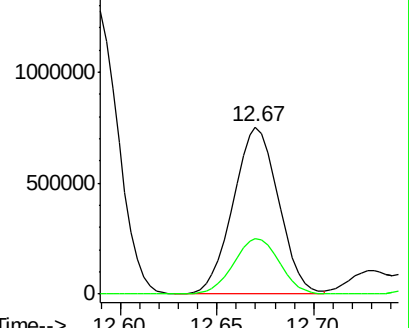
91 100

126 33.6 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN060266.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN060266.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 136.67 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060266.D

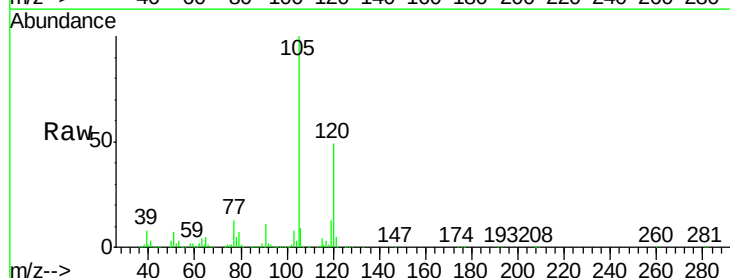
Acq: 27 Feb 2020 12:14

Tgt Ion: 105 Resp: 1536490

Ion Ratio Lower Upper

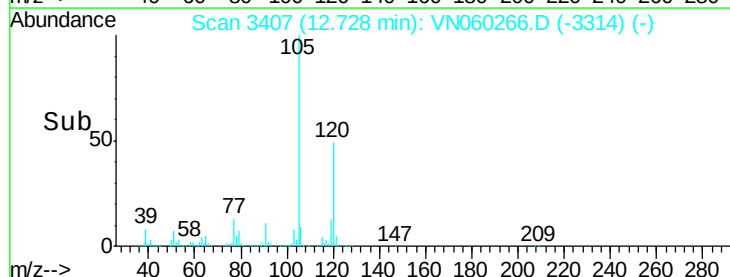
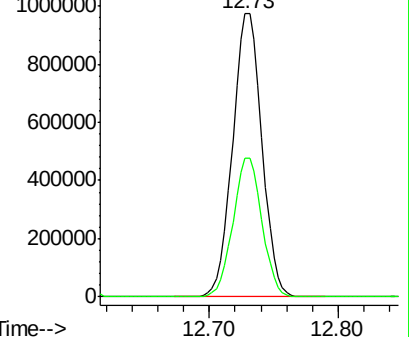
105 100

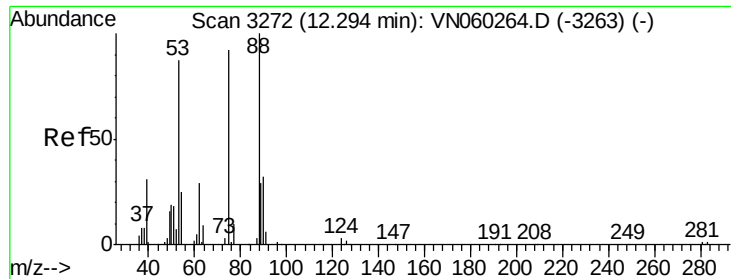
120 48.6 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN060266.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN060266.D (-3393) (-)

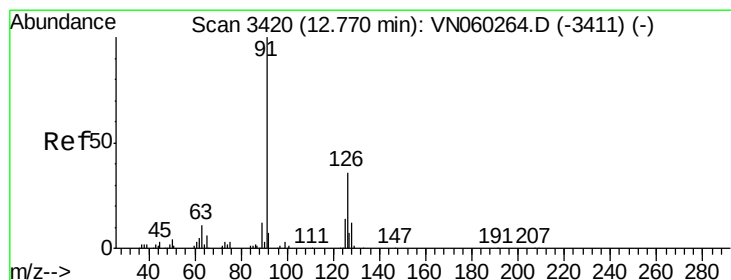
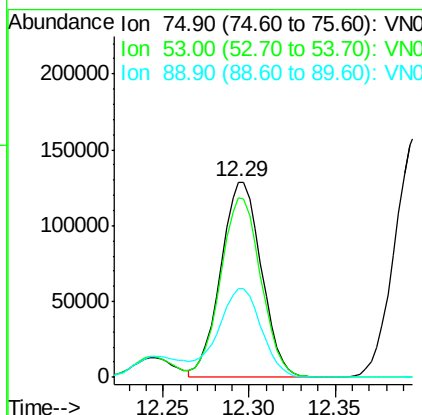
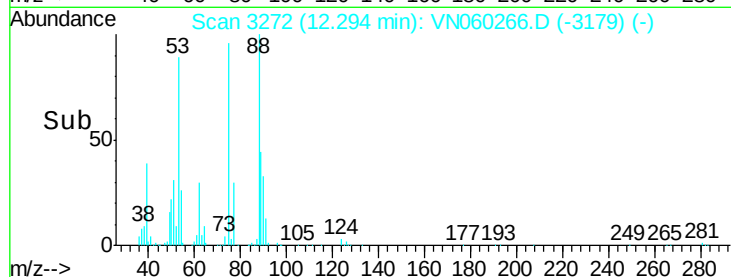
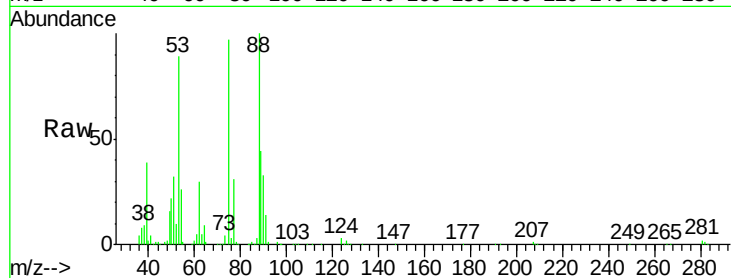




#81
trans-1,4-Dichloro-2-butene
Concen: 151.95 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VN060266.D
Acq: 27 Feb 2020 12:14

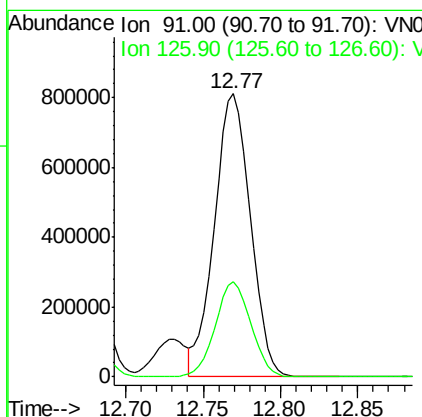
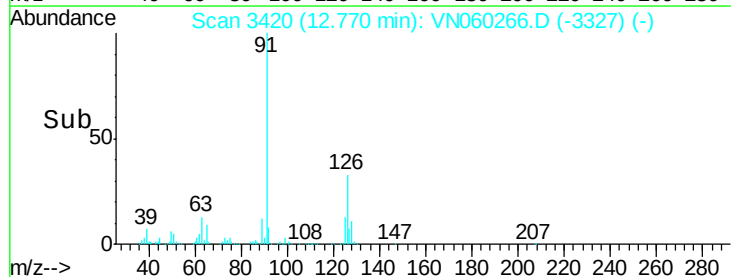
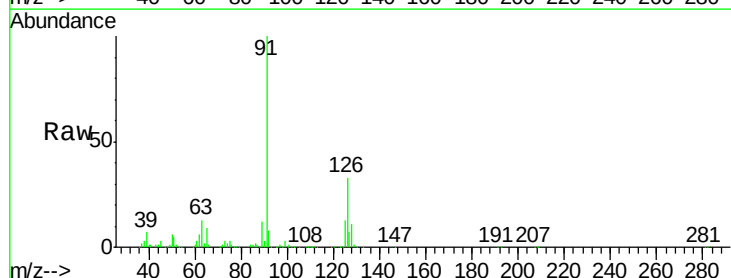
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

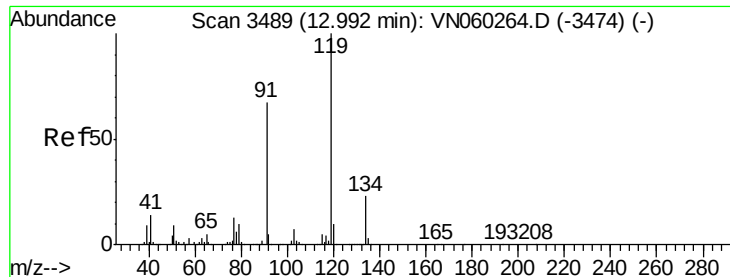
Tgt Ion: 75 Resp: 210159
Ion Ratio Lower Upper
75 100
53 92.4 73.8 110.6
89 49.5 57.1 85.7#



#82
4-Chlorotoluene
Concen: 136.67 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN060266.D
Acq: 27 Feb 2020 12:14

Tgt Ion: 91 Resp: 1312334
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.1

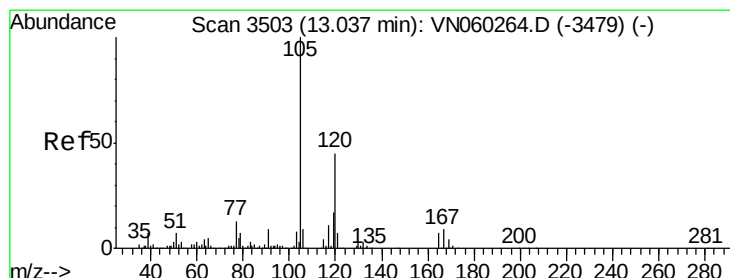
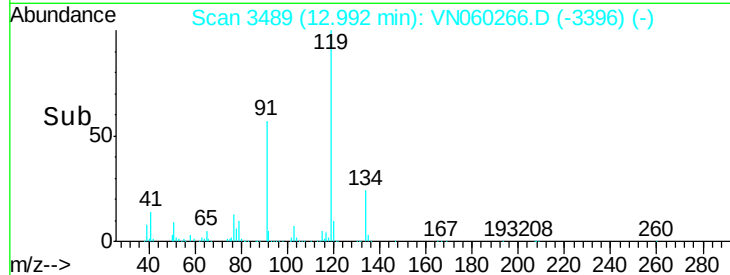
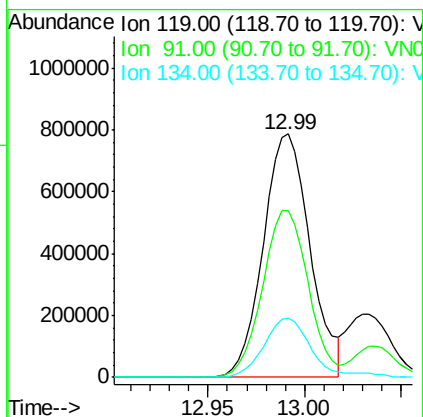
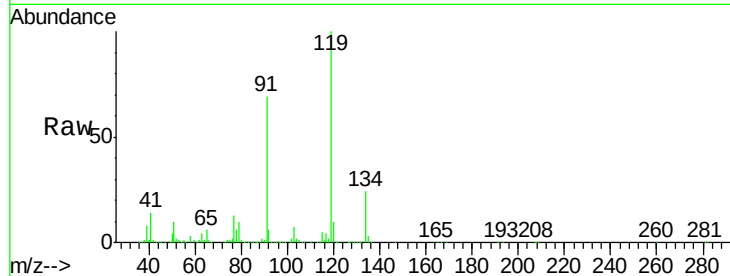




#83
 tert-Butylbenzene
 Concen: 136.55 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN060266.D
 Acq: 27 Feb 2020 12:14

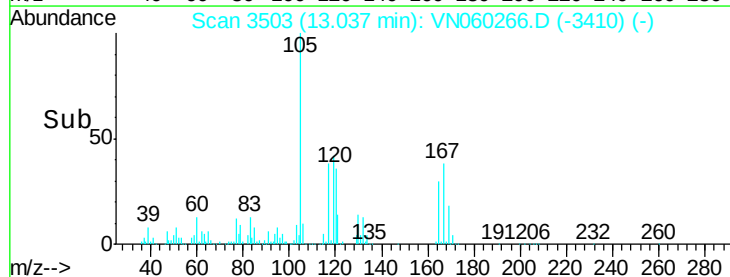
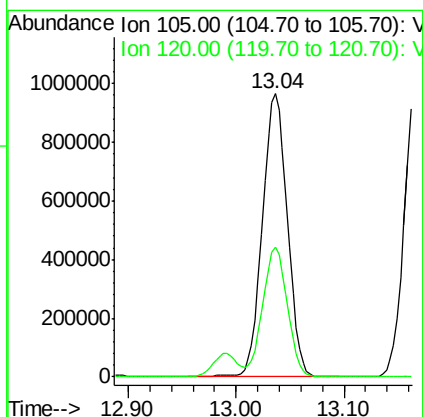
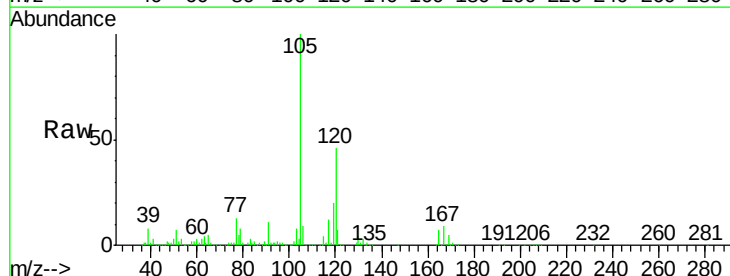
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

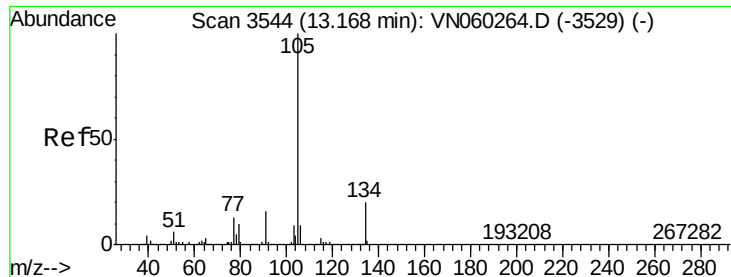
Tgt Ion:119 Resp: 1323425
 Ion Ratio Lower Upper
 119 100
 91 66.7 33.1 99.2
 134 25.0 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 136.56 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN060266.D
 Acq: 27 Feb 2020 12:14

Tgt Ion:105 Resp: 1549259
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.3 66.9





#85

sec-Butylbenzene

Concen: 135.83 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

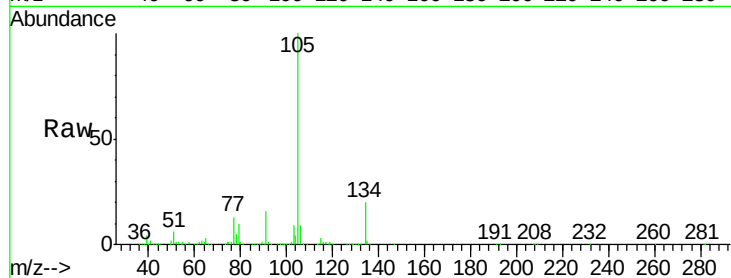
VSTDIC150

Tgt Ion:105 Resp: 1779703

Ion Ratio Lower Upper

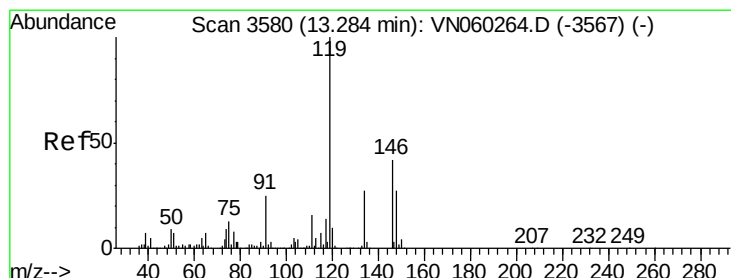
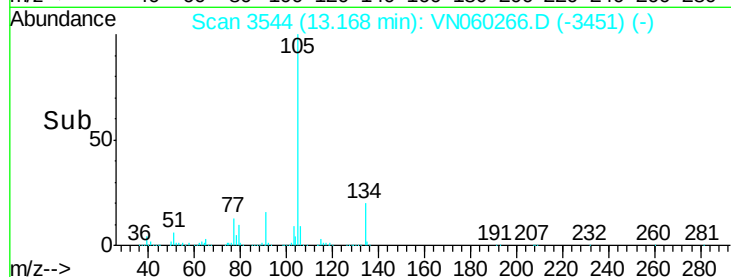
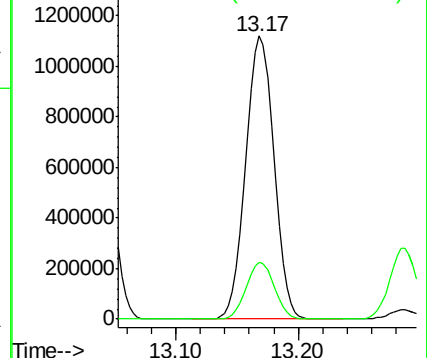
105 100

134 20.0 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 137.84 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

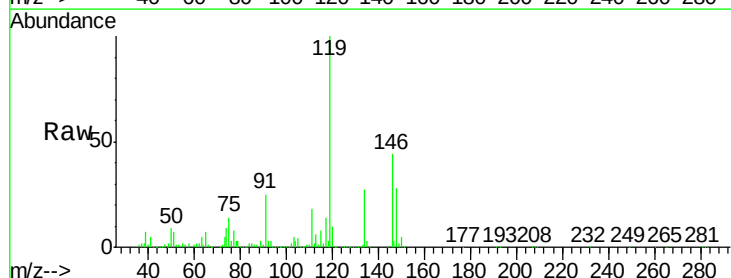
Tgt Ion:119 Resp: 1634650

Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.6

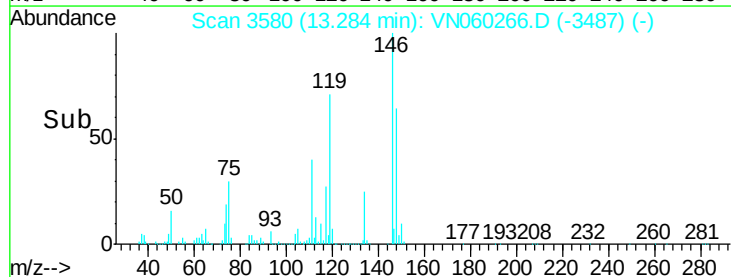
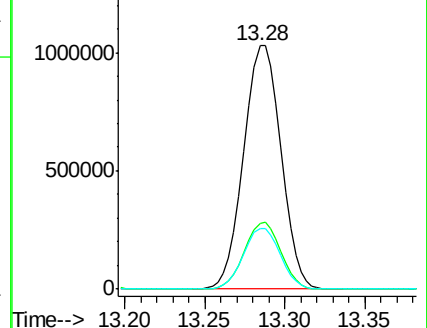
91 24.6 12.2 36.6

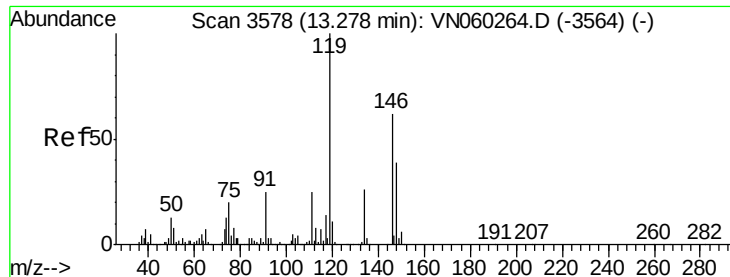


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

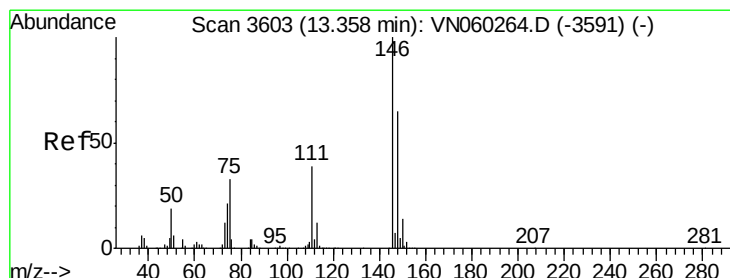
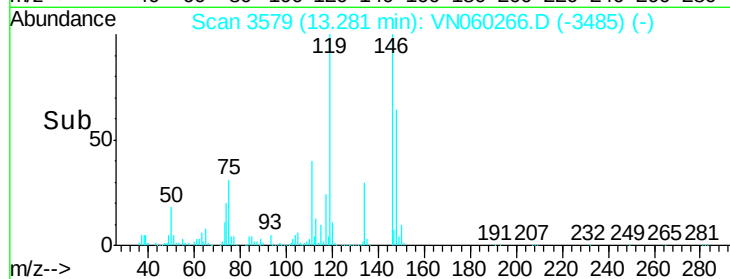
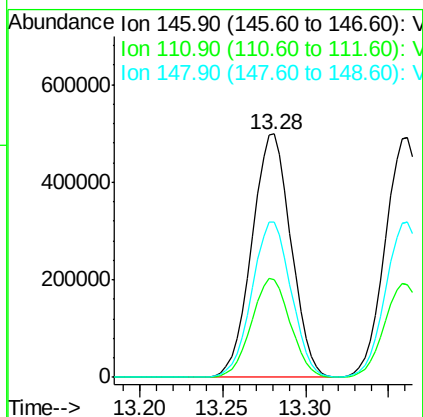
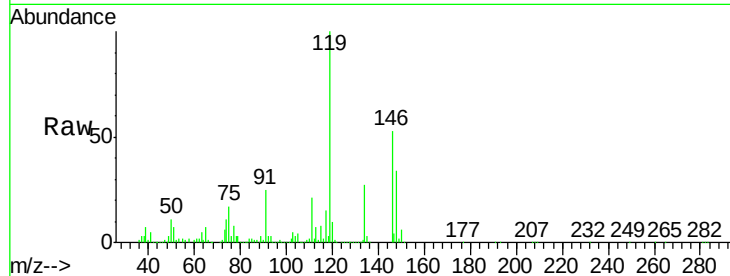




#87
 1,3-Dichlorobenzene
 Concen: 136.50 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN060266.D
 Acq: 27 Feb 2020 12:14

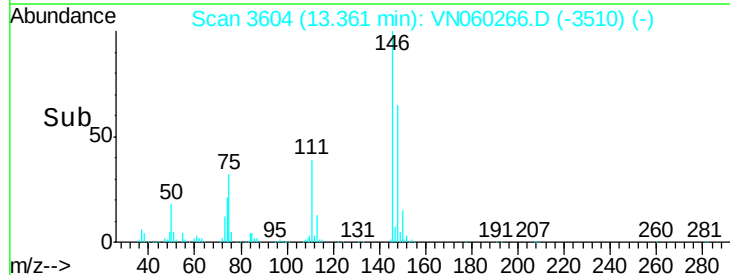
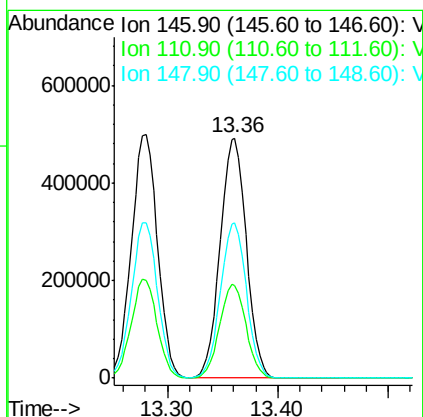
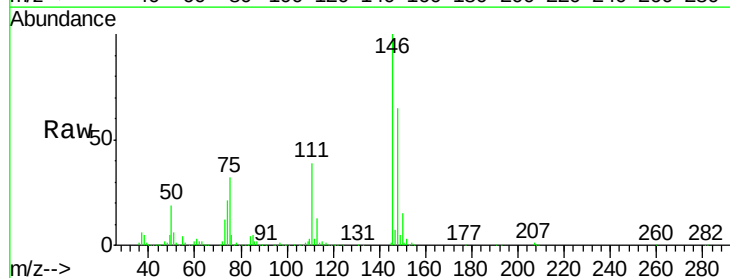
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

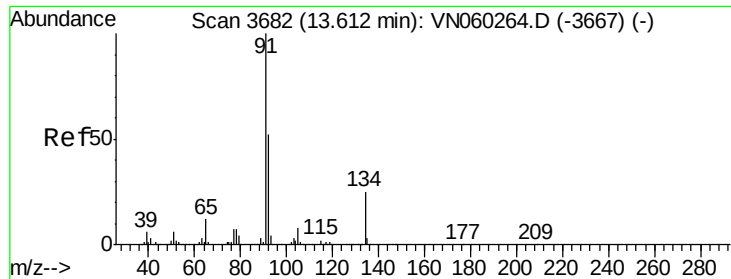
Tgt Ion:146 Resp: 819022
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.0 59.9
 148 63.8 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 135.25 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN060266.D
 Acq: 27 Feb 2020 12:14

Tgt Ion:146 Resp: 809686
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.8 59.4
 148 64.3 32.3 96.9

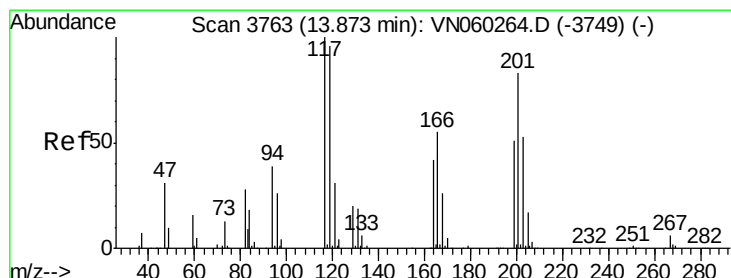
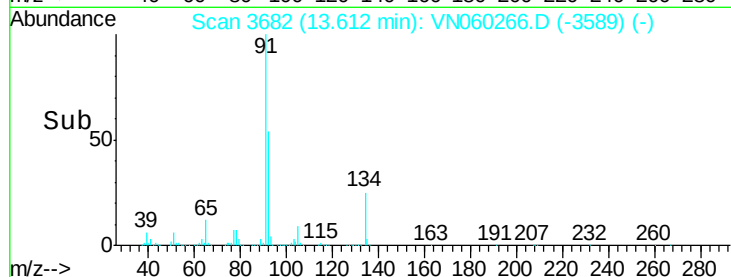
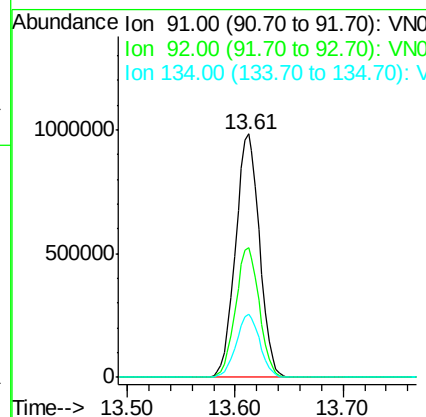
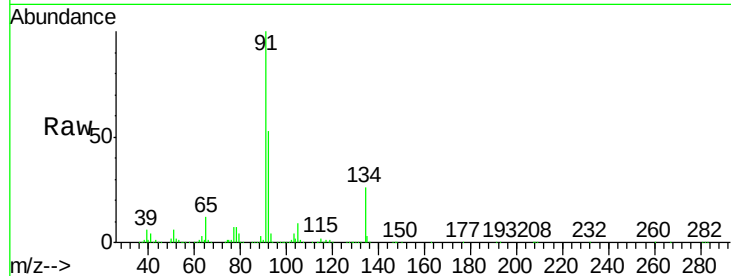




#89
n-Butylbenzene
Concen: 138.74 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN060266.D
Acq: 27 Feb 2020 12:14

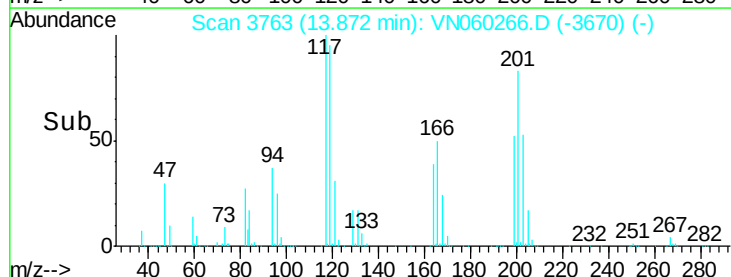
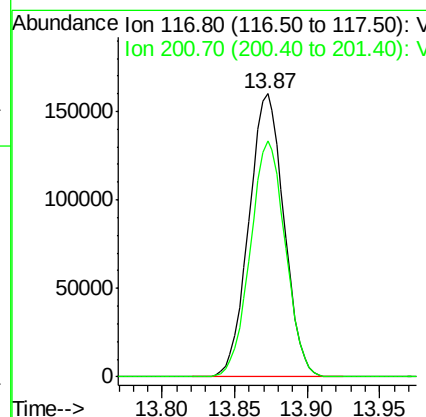
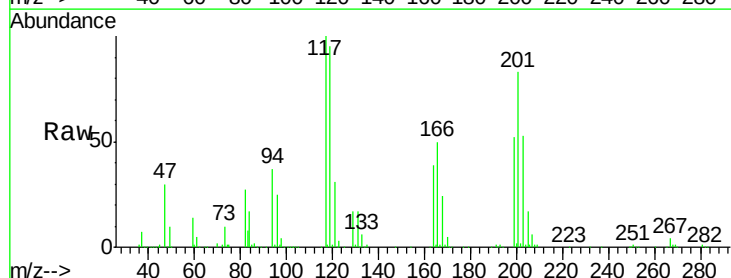
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

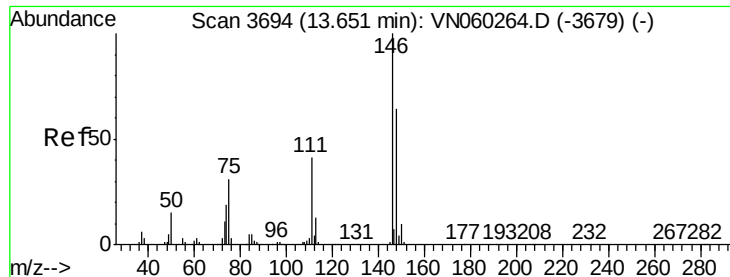
Tgt Ion: 91 Resp: 1524863
Ion Ratio Lower Upper
91 100
92 52.8 26.0 78.0
134 25.5 12.7 38.1



#90
Hexachloroethane
Concen: 153.75 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN060266.D
Acq: 27 Feb 2020 12:14

Tgt Ion: 117 Resp: 269766
Ion Ratio Lower Upper
117 100
201 83.1 41.0 123.0

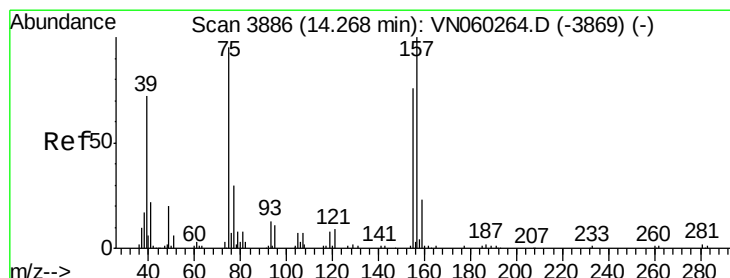
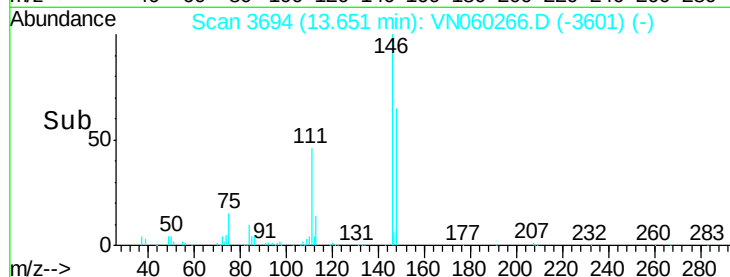
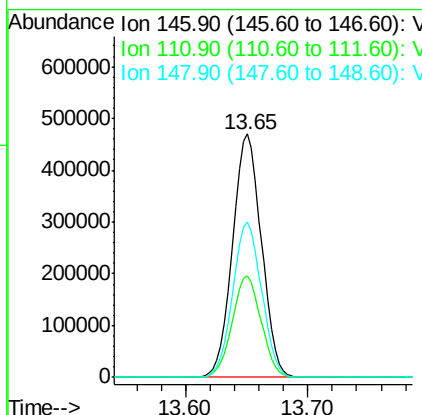
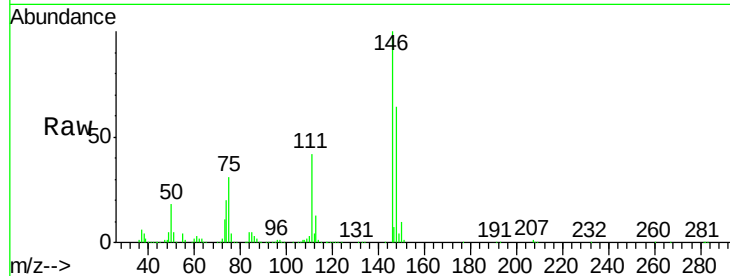




#91
 1,2-Dichlorobenzene
 Concen: 134.71 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN060266.D
 Acq: 27 Feb 2020 12:14

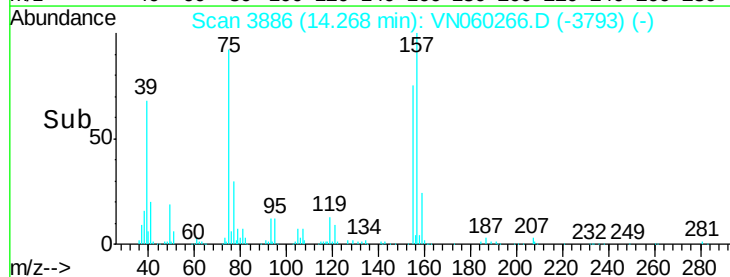
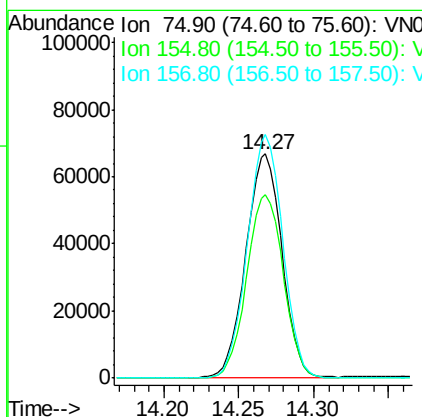
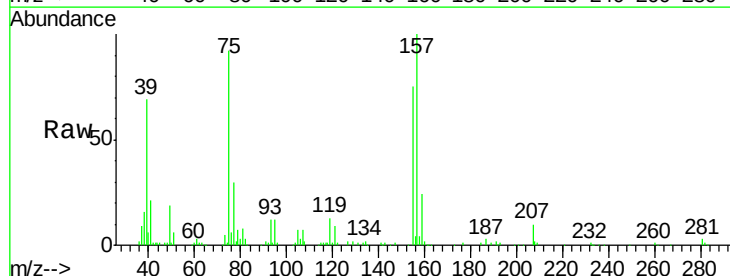
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

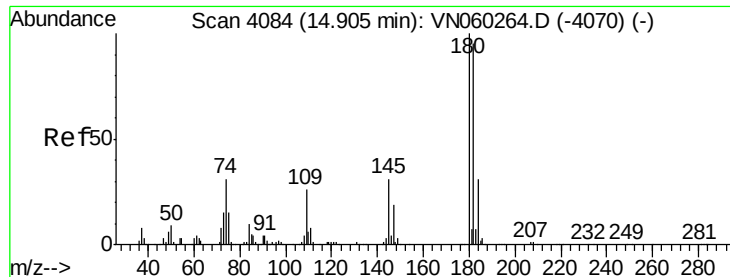
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.3	61.0
148	64.2	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 136.74 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN060266.D
 Acq: 27 Feb 2020 12:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.4	40.4	121.2
157	107.0	52.5	157.5





#93

1,2,4-Trichlorobenzene

Concen: 130.51 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

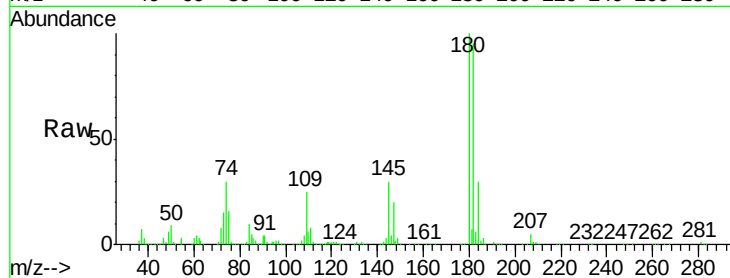
Tgt Ion:180 Resp: 534312

Ion Ratio Lower Upper

180 100

182 95.0 47.8 143.3

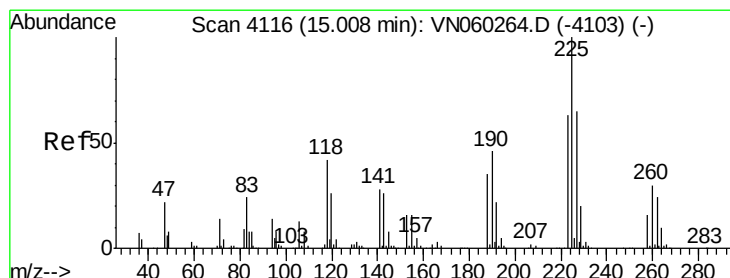
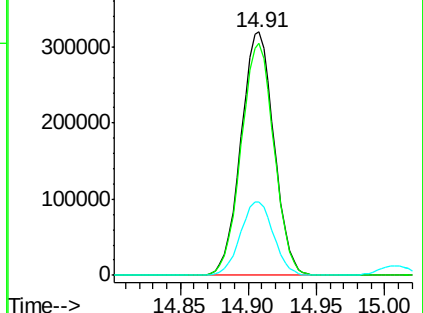
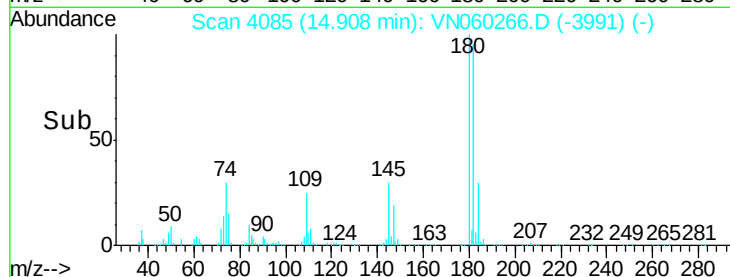
145 30.7 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 117.28 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. -0.00 min

Lab File: VN060266.D

Acq: 27 Feb 2020 12:14

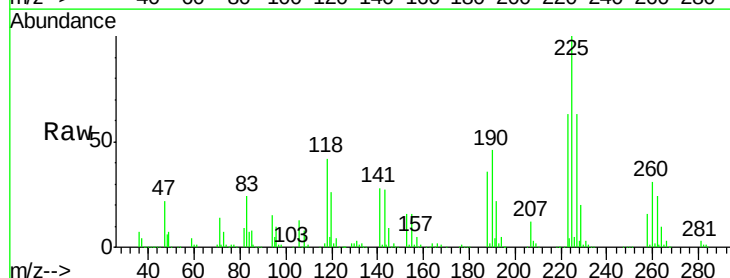
Tgt Ion:225 Resp: 242891

Ion Ratio Lower Upper

225 100

223 63.0 31.3 93.9

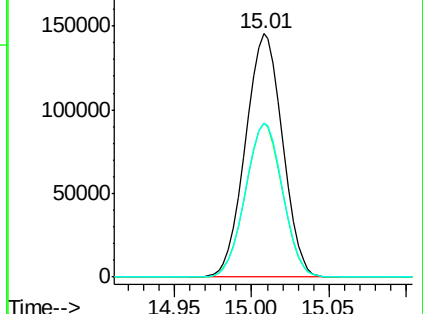
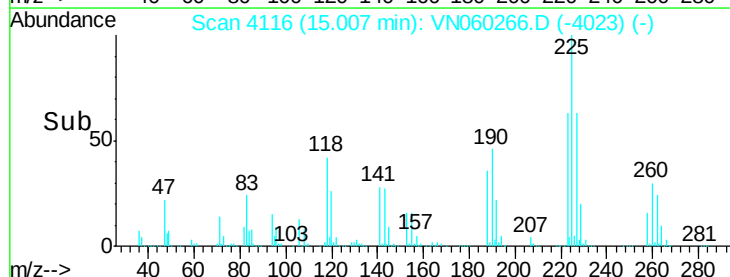
227 63.7 32.3 96.9

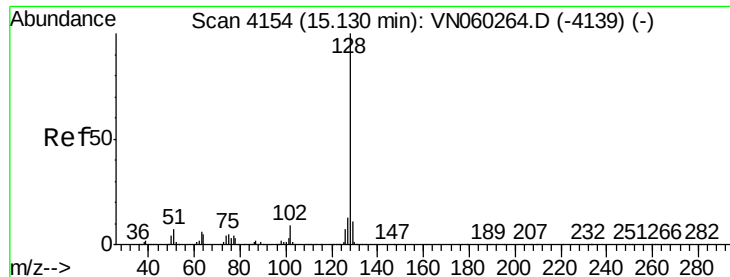


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

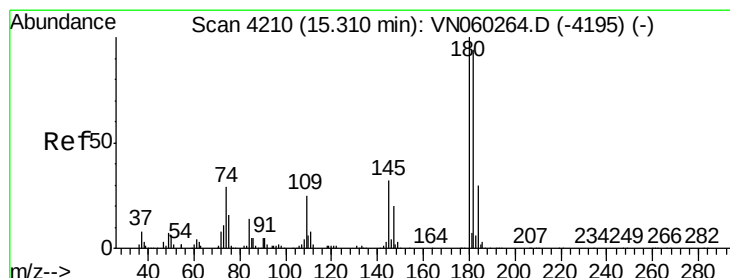
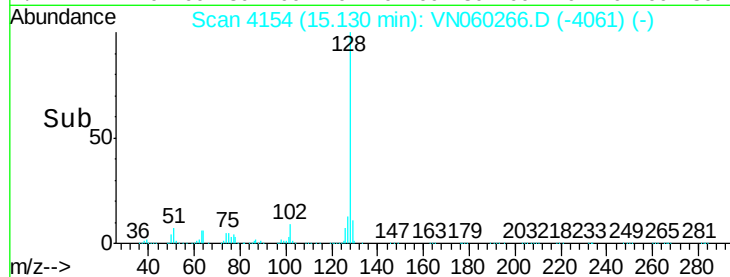
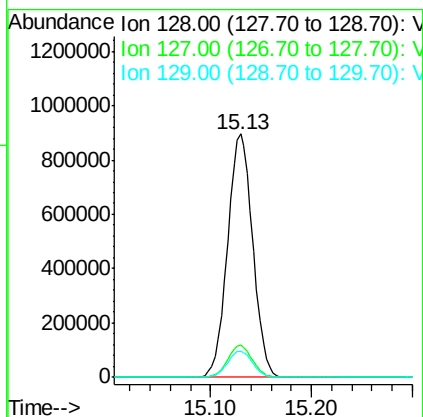
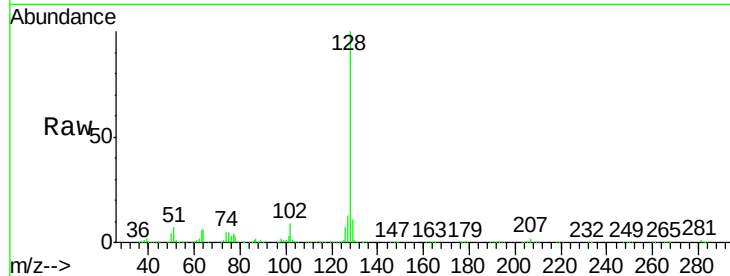




#95
Naphthalene
Concen: 128.15 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN060266.D
Acq: 27 Feb 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1555573
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 124.58 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN060266.D
Acq: 27 Feb 2020 12:14

Tgt Ion:180 Resp: 500001
Ion Ratio Lower Upper
180 100
182 95.7 47.3 142.0
145 32.2 16.2 48.5

