

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022720\
 Data File : VN060263.D
 Acq On : 27 Feb 2020 11:06
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Feb 27 12:13:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 12:09:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	222921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	367086	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	335269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	160494	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	58648	21.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.18%	
35) Dibromofluoromethane	7.57	113	38953	18.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.66%	
50) Toluene-d8	10.08	98	171736	19.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.38%	
62) 4-Bromofluorobenzene	12.40	95	62976	19.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.00%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	39236	17.99	ug/l	99
3) Chloromethane	2.04	50	64750	23.37	ug/l	99
4) Vinyl Chloride	2.16	62	57516	19.16	ug/l	98
5) Bromomethane	2.55	94	26455	15.14	ug/l	97
6) Chloroethane	2.69	64	30865	19.97	ug/l	100
7) Trichlorofluoromethane	3.00	101	72755	18.70	ug/l	98
8) Diethyl Ether	3.39	74	27511	20.84	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	41300	19.04	ug/l	99
10) Methyl Iodide	3.93	142	34129	13.67	ug/l	99
11) Tert butyl alcohol	4.73	59	41386	101.26	ug/l	100
12) 1,1-Dichloroethene	3.72	96	41263	19.44	ug/l	97
13) Acrolein	3.58	56	41878	103.35	ug/l	99
14) Allyl chloride	4.30	41	69321	21.21	ug/l	93
15) Acrylonitrile	4.94	53	109601	108.49	ug/l	99
16) Acetone	3.78	43	85310	75.83	ug/l	99
17) Carbon Disulfide	4.03	76	112257	17.86	ug/l	100
18) Methyl Acetate	4.29	43	56375	24.28	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	146953	20.44	ug/l	100
20) Methylene Chloride	4.52	84	47239	19.88	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	45247	19.67	ug/l	98
22) Diisopropyl ether	5.92	45	152063	21.74	ug/l	97
23) Vinyl Acetate	5.86	43	613488	105.51	ug/l	99
24) 1,1-Dichloroethane	5.82	63	85602	20.48	ug/l	99
25) 2-Butanone	6.80	43	141981	96.40	ug/l	100
26) 2,2-Dichloropropane	6.79	77	78621	20.00	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	53671	19.89	ug/l	95
28) Bromochloromethane	7.17	49	35601	21.77	ug/l	100
29) Tetrahydrofuran	7.18	42	99038	106.52	ug/l	100
30) Chloroform	7.35	83	84929	19.62	ug/l	98
31) Cyclohexane	7.63	56	77148	19.88	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	75262	19.13	ug/l	100
36) 1,1-Dichloropropene	7.77	75	62602	18.48	ug/l	98
37) Ethyl Acetate	6.90	43	63609	20.44	ug/l	98
38) Carbon Tetrachloride	7.75	117	63711	17.48	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	74567	17.82	ug/l	98
40) Benzene	8.02	78	188171	18.65	ug/l	99
41) Methacrylonitrile	7.18	41	92330	69.99	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	68979	19.44	ug/l	99
43) Isopropyl Acetate	8.14	43	110618	20.72	ug/l #	93
44) Trichloroethene	8.82	130	51494	18.48	ug/l	99
45) 1,2-Dichloropropane	9.10	63	51093	20.28	ug/l	100
46) Dibromomethane	9.19	93	31786	18.13	ug/l	98
47) Bromodichloromethane	9.39	83	66150	18.51	ug/l	98
48) Methyl methacrylate	9.18	41	47187	19.72	ug/l	97
49) 1,4-Dioxane	9.18	88	13611	351.15	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	311325	101.27	ug/l	99
52) Toluene	10.14	92	117187	18.20	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	77964	19.22	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	83457	19.52	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	47361	18.84	ug/l	98
56) Ethyl methacrylate	10.42	69	68120	19.01	ug/l	98
57) 1,3-Dichloropropane	10.70	76	79263	19.00	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	174229	102.76	ug/l	100
59) 2-Hexanone	10.74	43	226181	96.72	ug/l	99
60) Dibromochloromethane	10.89	129	48031	16.89	ug/l	99
61) 1,2-Dibromoethane	10.99	107	46949	17.96	ug/l	97
64) Tetrachloroethene	10.62	164	53697	20.72	ug/l	98
65) Chlorobenzene	11.43	112	123805	18.22	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	46850	18.26	ug/l	100
67) Ethyl Benzene	11.50	91	227789	18.52	ug/l	100
68) m/p-Xylenes	11.62	106	171192	37.17	ug/l	99
69) o-Xylene	11.94	106	82746	18.67	ug/l	99
70) Styrene	11.96	104	132287	18.48	ug/l	99
71) Bromoform	12.12	173	33176	16.29	ug/l #	99
73) Isopropylbenzene	12.25	105	223395	18.61	ug/l	100
74) N-amyl acetate	12.06	43	94985	21.49	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	62095	18.18	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	91352	29.57	ug/l #	100
77) Bromobenzene	12.52	156	53800	18.15	ug/l	99
78) n-propylbenzene	12.59	91	260626	18.99	ug/l	100
79) 2-Chlorotoluene	12.67	91	152718	18.93	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	188627	18.87	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	23333	18.49	ug/l	90
82) 4-Chlorotoluene	12.77	91	156005	18.85	ug/l	100
83) tert-Butylbenzene	12.99	119	160975	18.19	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	189755	19.23	ug/l	99
85) sec-Butylbenzene	13.17	105	217370	18.59	ug/l	100
86) p-Isopropyltoluene	13.29	119	195967	18.49	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	95874	18.22	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	97375	18.52	ug/l	100
89) n-Butylbenzene	13.61	91	179023	19.12	ug/l	100
90) Hexachloroethane	13.87	117	29123	15.19	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	94313	18.34	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13794	17.38	ug/l	98

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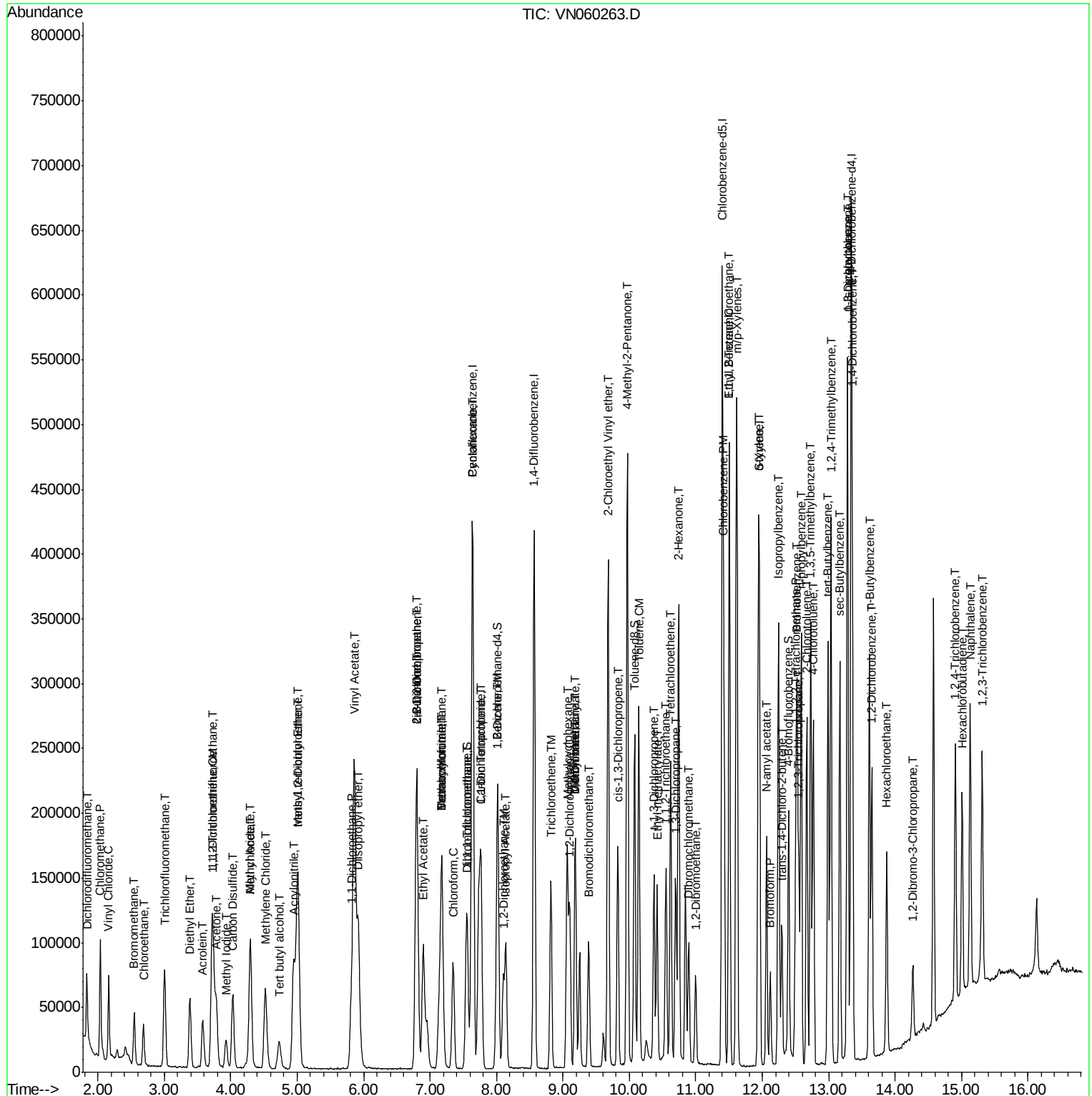
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	62267	20.42	ug/l	99
94) Hexachlorobutadiene	15.01	225	29719	17.01	ug/l	99
95) Naphthalene	15.13	128	185203	22.18	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	59500	19.68	ug/l	99

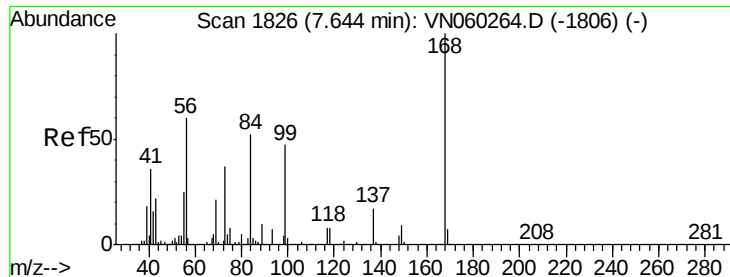
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN022720\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_N

ClientSampled :

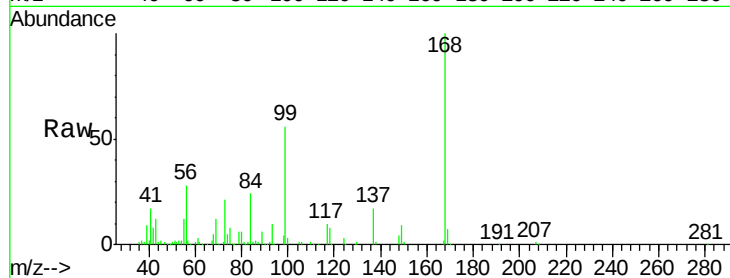
VSTDIC020

Tgt Ion:168 Resp: 222921

Ion Ratio Lower Upper

168 100

99 56.3 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

100000

80000

60000

40000

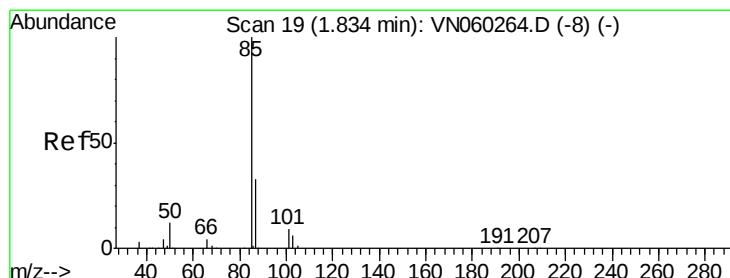
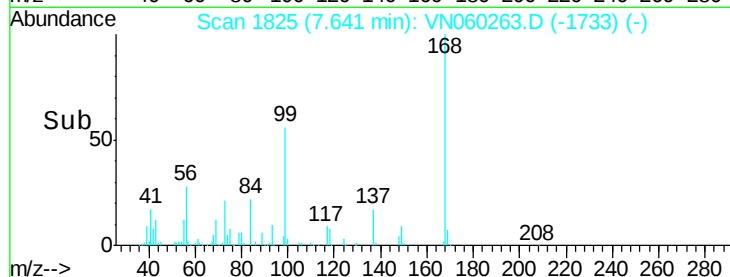
20000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.99 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060263.D

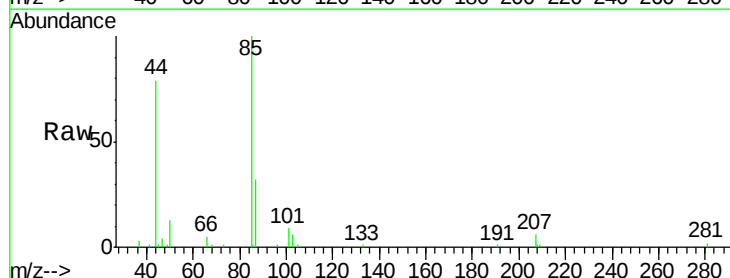
Acq: 27 Feb 2020 11:06

Tgt Ion: 85 Resp: 39236

Ion Ratio Lower Upper

85 100

87 31.8 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

30000

25000

20000

15000

10000

5000

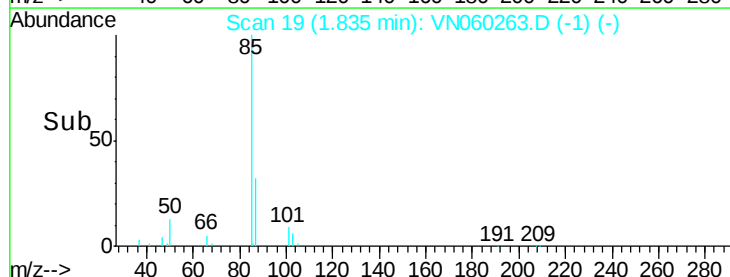
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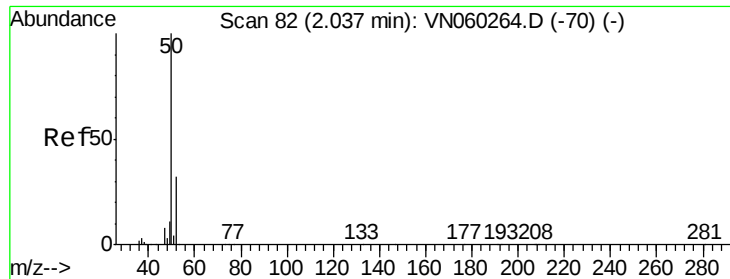
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 23.37 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

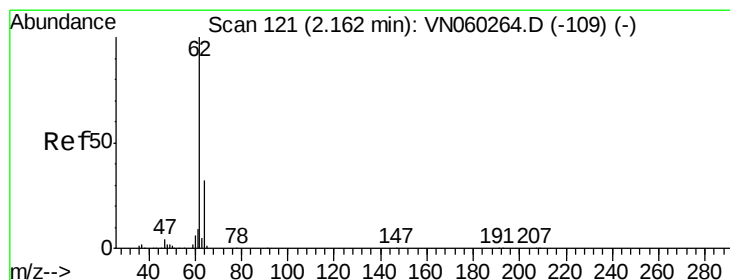
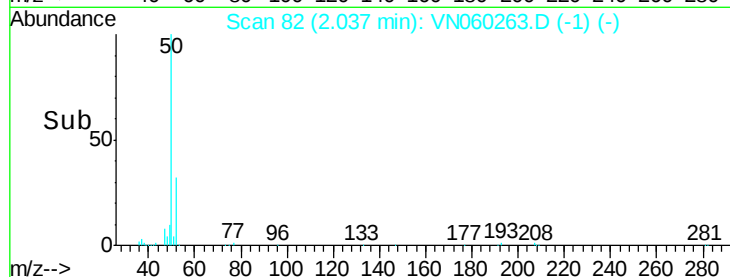
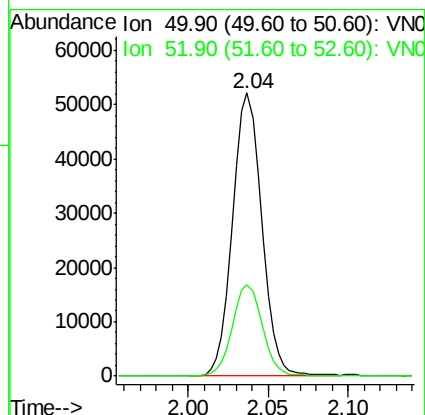
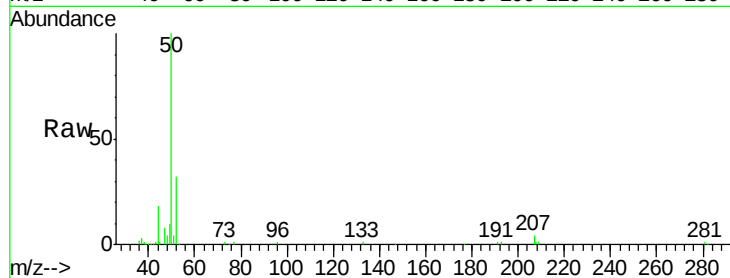
VSTDIC020

Tgt Ion: 50 Resp: 64750

Ion Ratio Lower Upper

50 100

52 32.4 25.6 38.4



#4

Vinyl Chloride

Concen: 19.16 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN060263.D

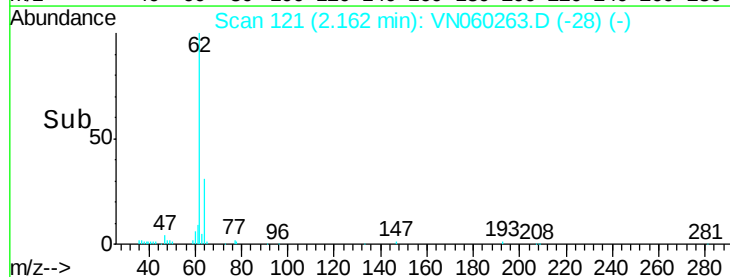
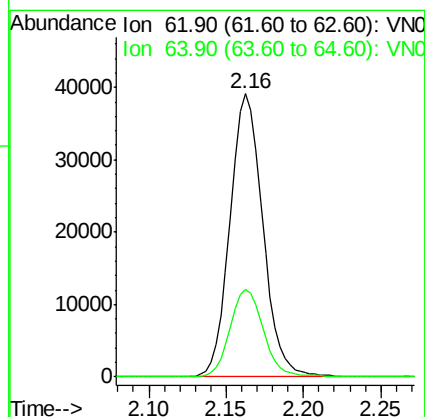
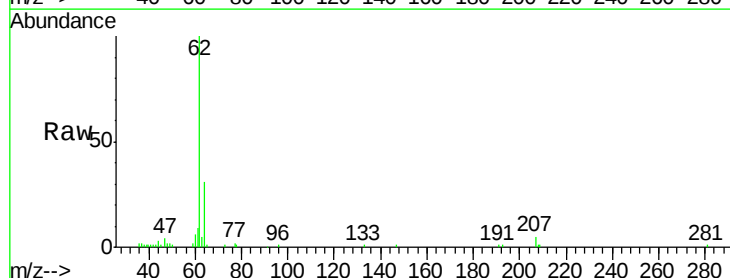
Acq: 27 Feb 2020 11:06

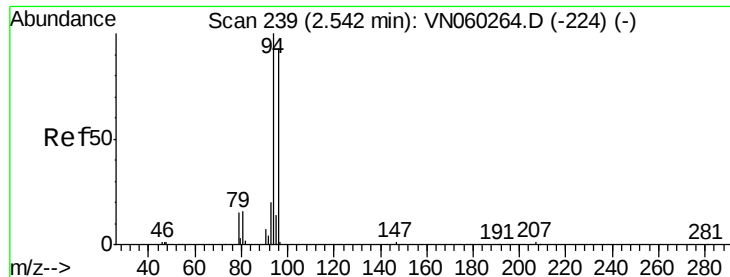
Tgt Ion: 62 Resp: 57516

Ion Ratio Lower Upper

62 100

64 30.9 25.5 38.3





#5

Bromomethane

Concen: 15.14 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

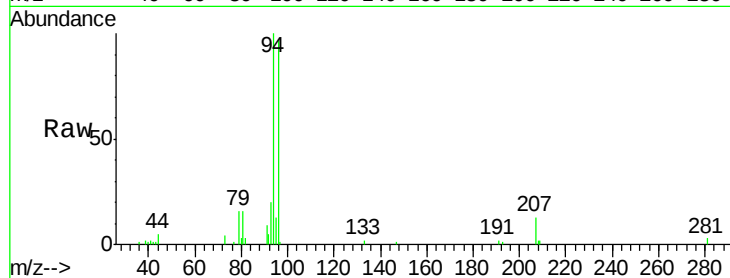
VSTDIC020

Tgt Ion: 94 Resp: 26455

Ion Ratio Lower Upper

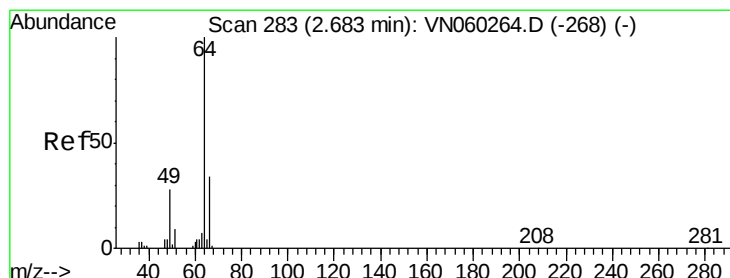
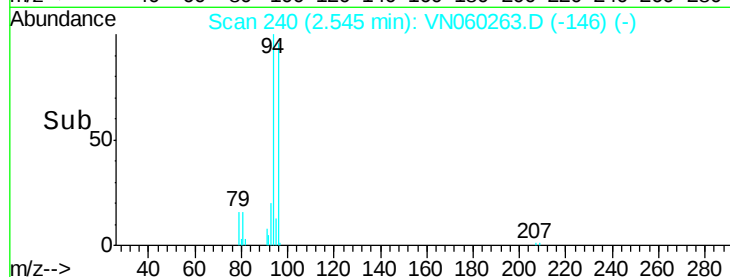
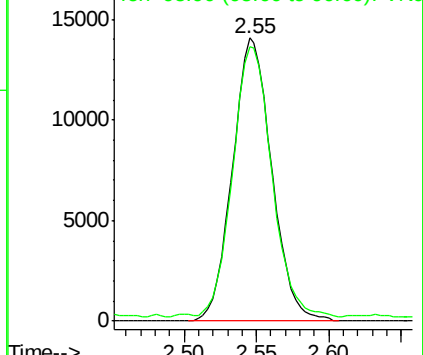
94 100

96 95.6 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: 19.97 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060263.D

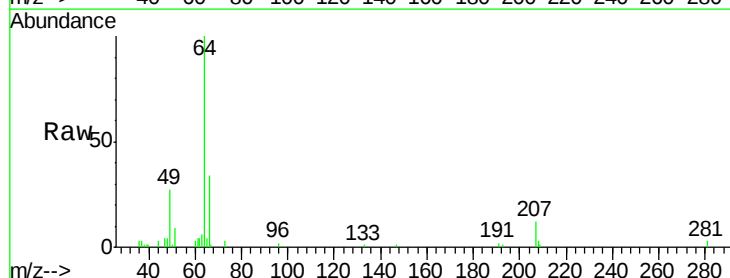
Acq: 27 Feb 2020 11:06

Tgt Ion: 64 Resp: 30865

Ion Ratio Lower Upper

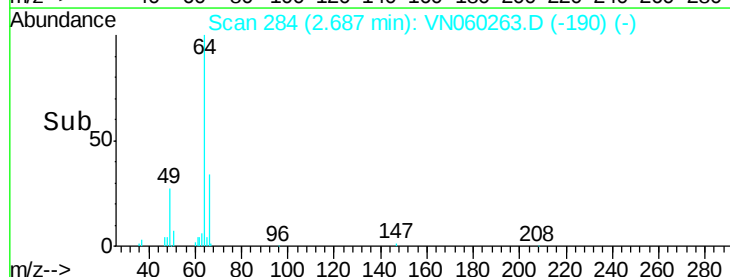
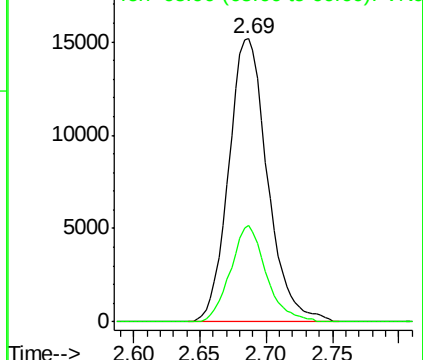
64 100

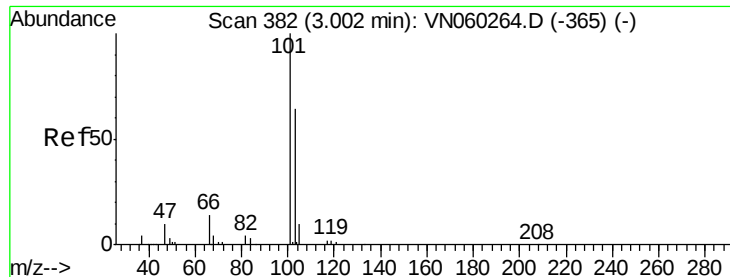
66 34.1 27.4 41.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



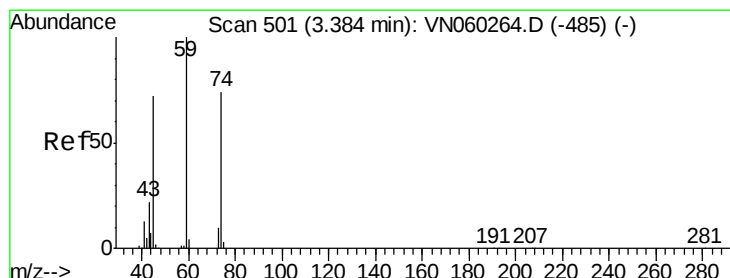
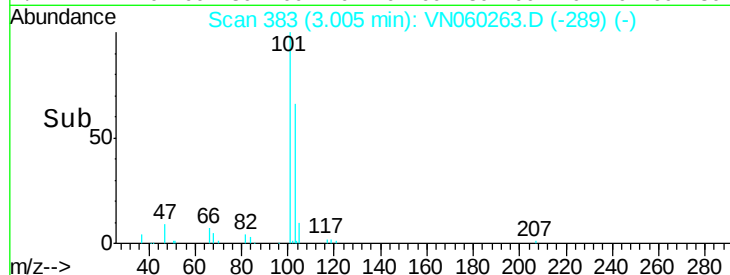
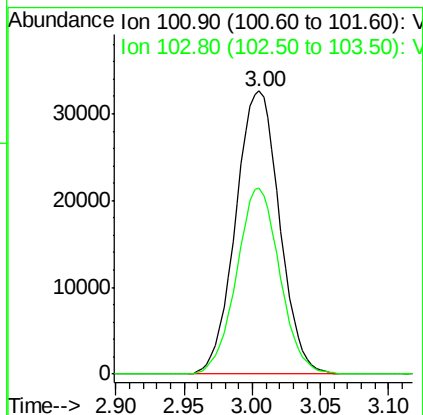
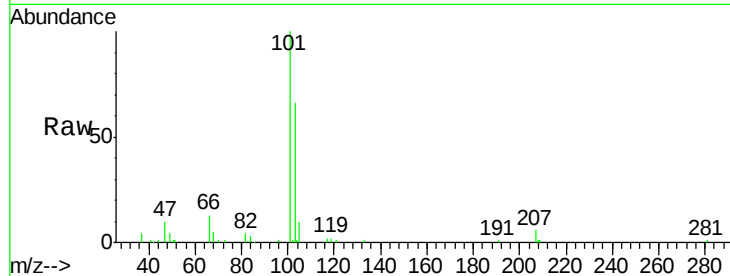


#7

Trichlorofluoromethane
 Concen: 18.70 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN060263.D
 Acq: 27 Feb 2020 11:06

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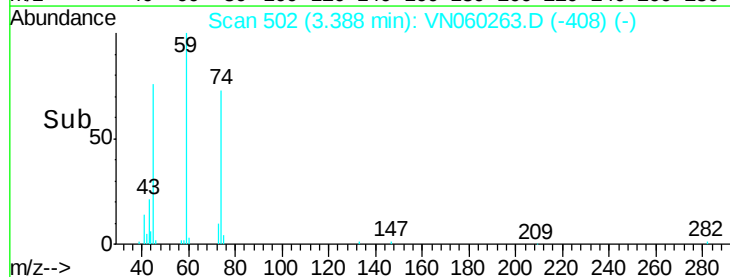
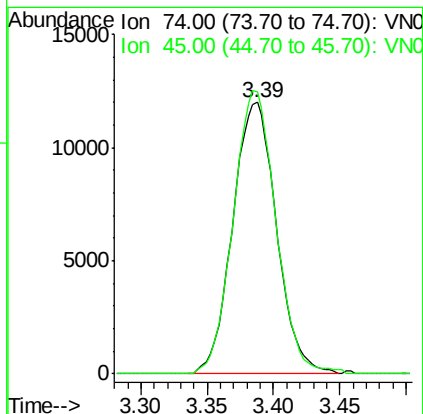
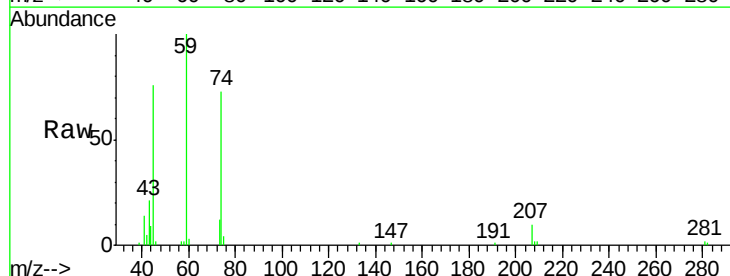
Tgt Ion:101 Resp: 72755
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.3 76.9



#8

Diethyl Ether
 Concen: 20.84 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: VN060263.D
 Acq: 27 Feb 2020 11:06

Tgt Ion: 74 Resp: 27511
 Ion Ratio Lower Upper
 74 100
 45 102.1 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.04 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

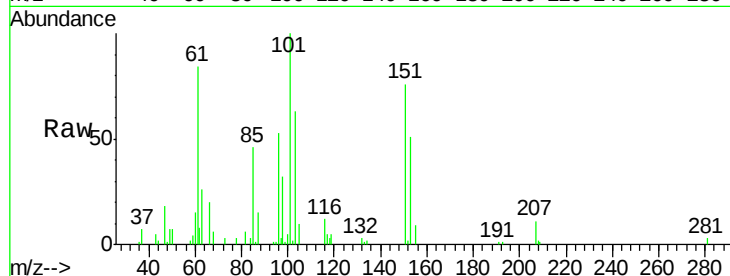
Tgt Ion:101 Resp: 41300

Ion Ratio Lower Upper

101 100

85 45.4 35.4 53.2

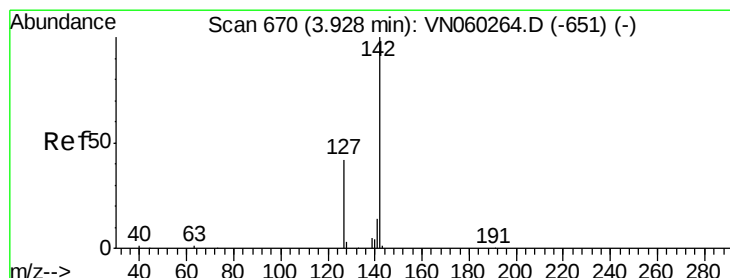
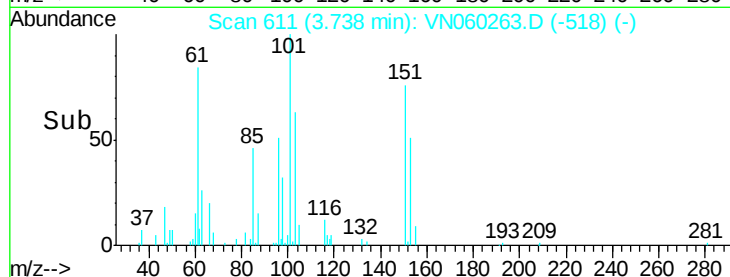
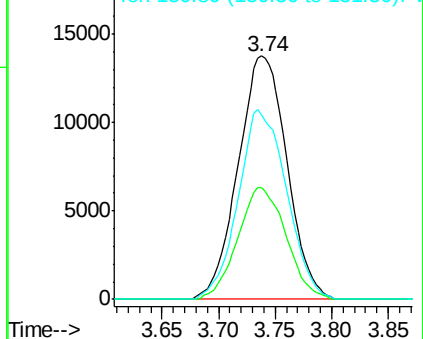
151 77.5 62.0 93.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 13.67 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

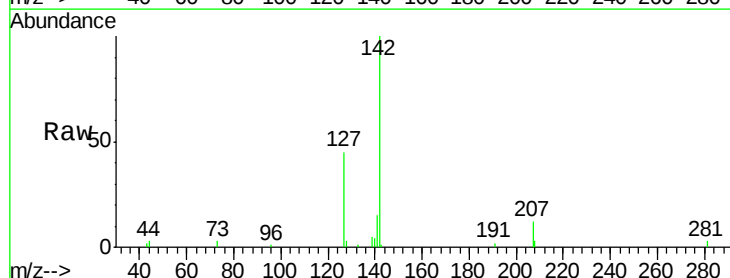
Tgt Ion:142 Resp: 34129

Ion Ratio Lower Upper

142 100

127 43.1 33.8 50.6

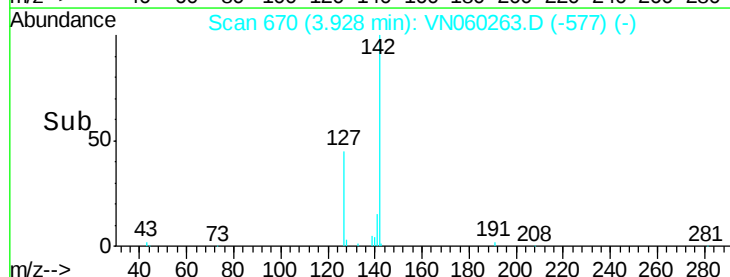
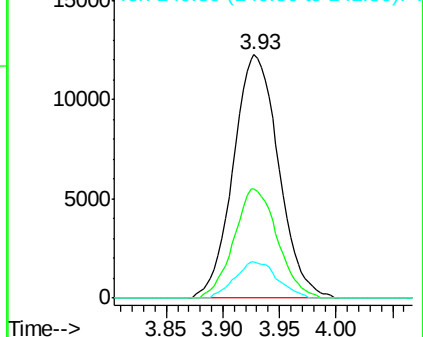
141 14.0 11.1 16.7

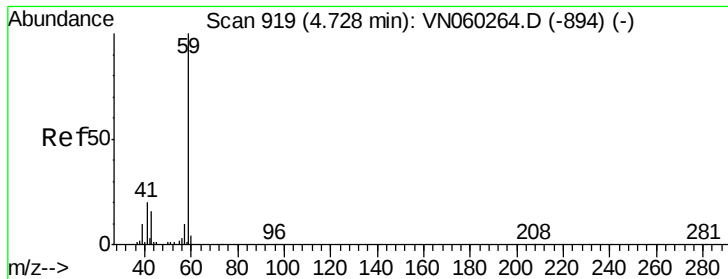


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



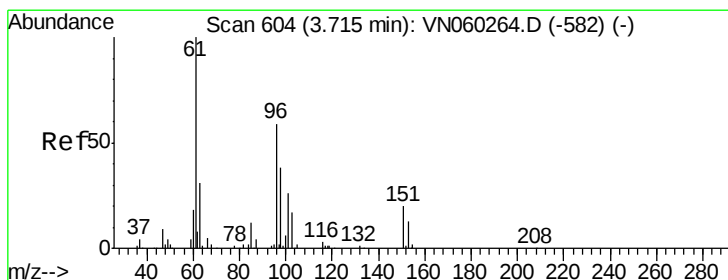
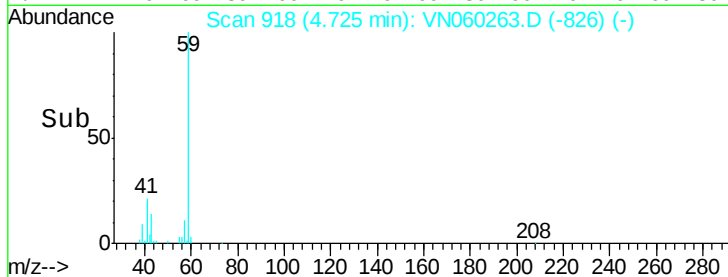
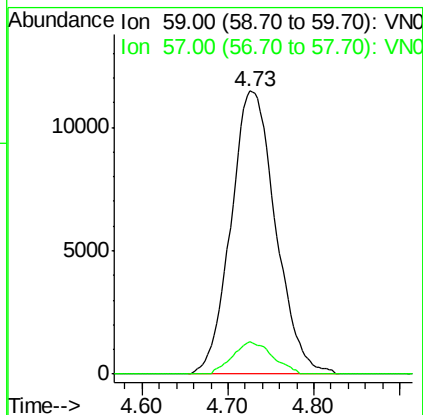
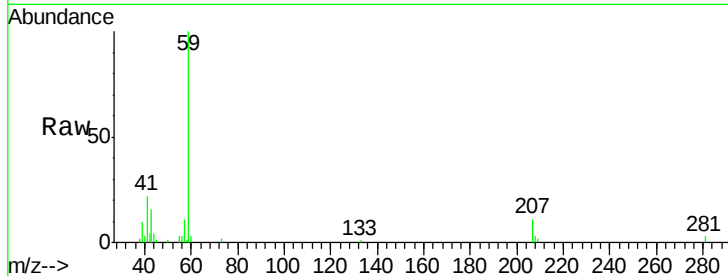


#11

Tert butyl alcohol
Concen: 101.26 ug/l
RT: 4.73 min Scan# 918
Delta R.T. -0.00 min
Lab File: VN060263.D
Acq: 27 Feb 2020 11:06

Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

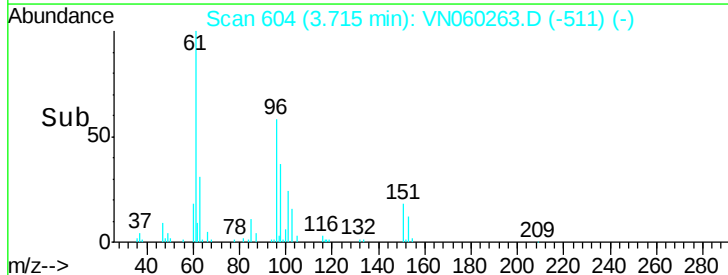
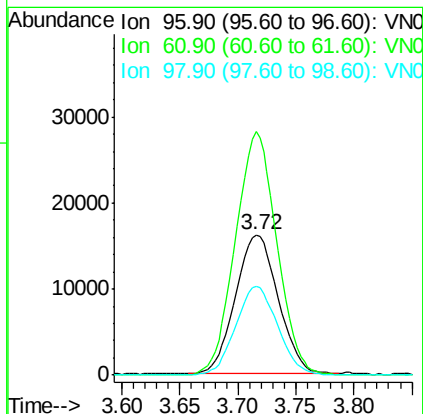
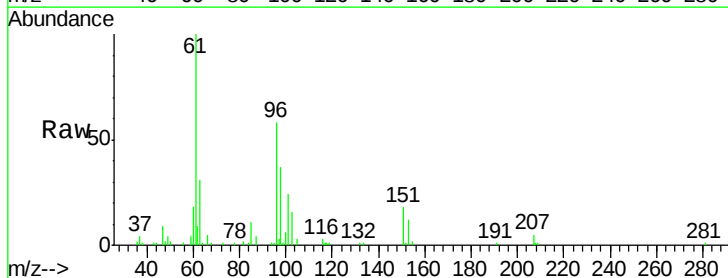
Tgt Ion: 59 Resp: 41386
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

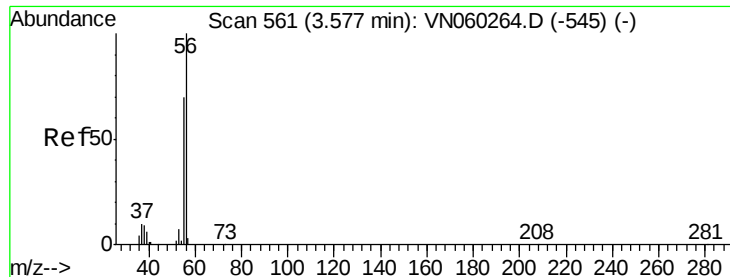


#12

1,1-Dichloroethene
Concen: 19.44 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN060263.D
Acq: 27 Feb 2020 11:06

Tgt Ion: 96 Resp: 41263
Ion Ratio Lower Upper
96 100
61 175.4 135.4 203.0
98 64.4 51.6 77.4

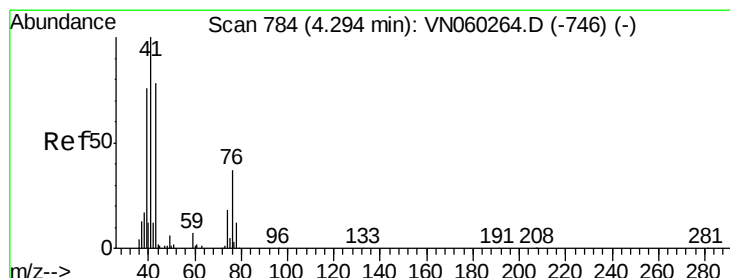
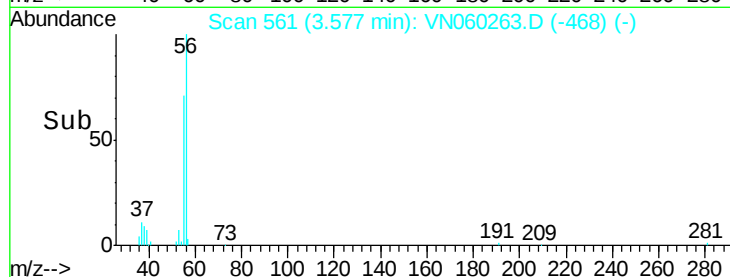
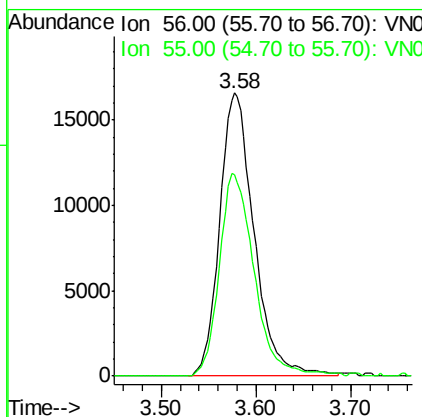
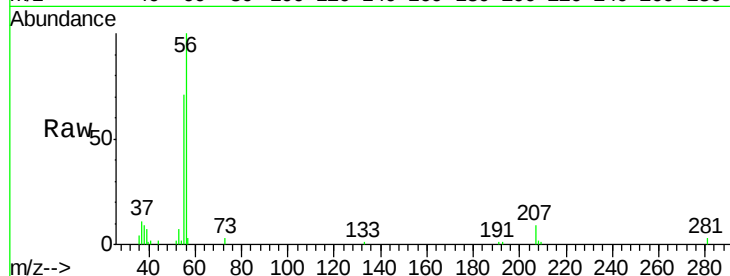




#13
 Acrolein
 Concen: 103.35 ug/l
 RT: 3.58 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VN060263.D
 Acq: 27 Feb 2020 11:06

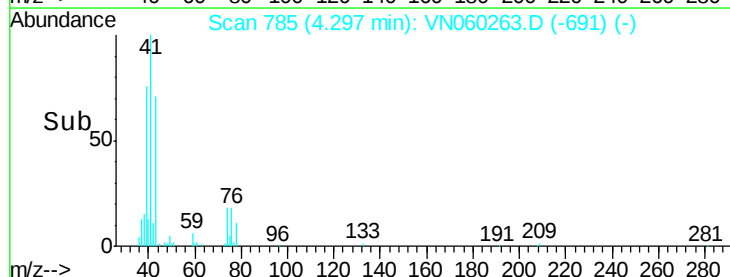
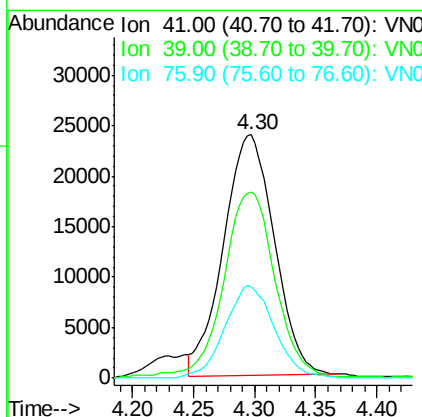
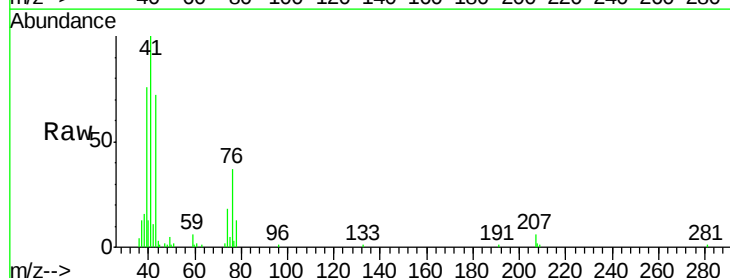
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion: 56 Resp: 41878
 Ion Ratio Lower Upper
 56 100
 55 72.7 57.4 86.0



#14
 Allyl chloride
 Concen: 21.21 ug/l
 RT: 4.30 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: VN060263.D
 Acq: 27 Feb 2020 11:06

Tgt Ion: 41 Resp: 69321
 Ion Ratio Lower Upper
 41 100
 39 75.8 55.4 83.2
 76 37.2 27.0 40.6





#15

Acrylonitrile

Concen: 108.49 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

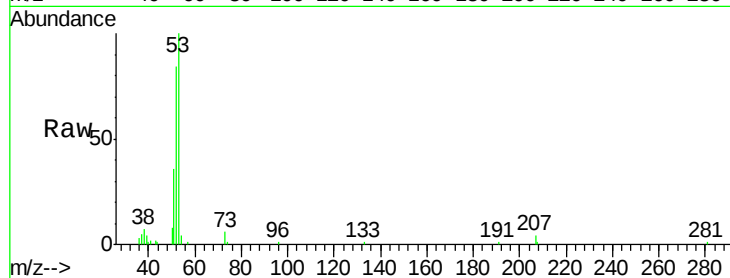
Tgt Ion: 53 Resp: 109601

Ion Ratio Lower Upper

53 100

52 82.8 66.8 100.2

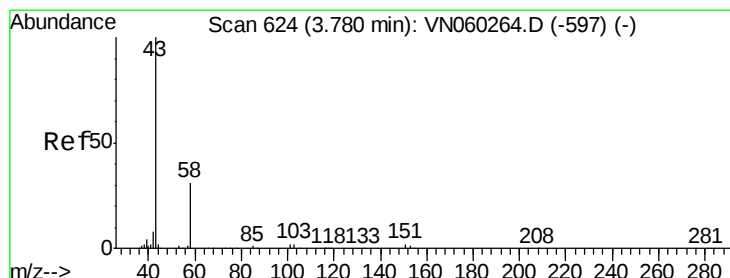
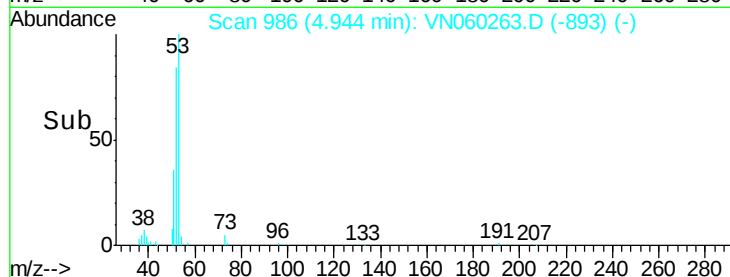
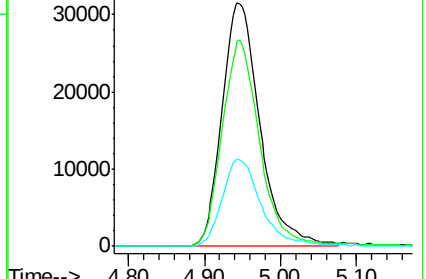
51 36.6 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VN060263.D (-893) (-)

Ion 52.00 (51.70 to 52.70): VN060263.D (-893) (-)

Ion 51.00 (50.70 to 51.70): VN060263.D (-893) (-)



#16

Acetone

Concen: 75.83 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060263.D

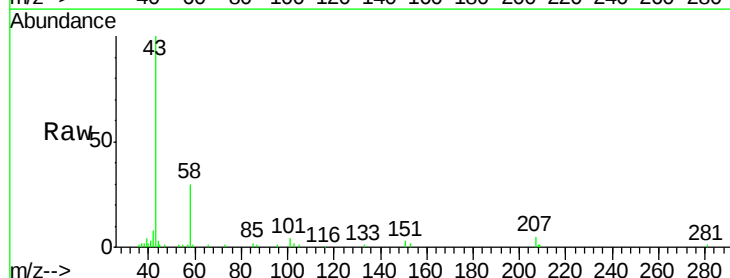
Acq: 27 Feb 2020 11:06

Tgt Ion: 43 Resp: 85310

Ion Ratio Lower Upper

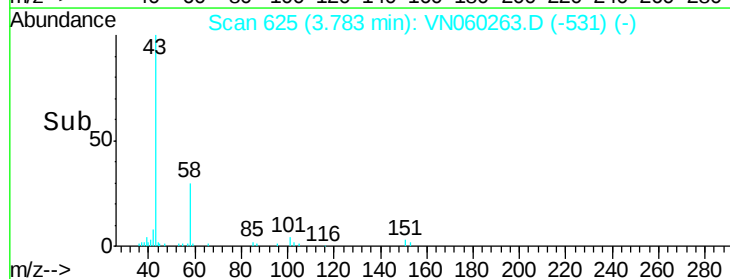
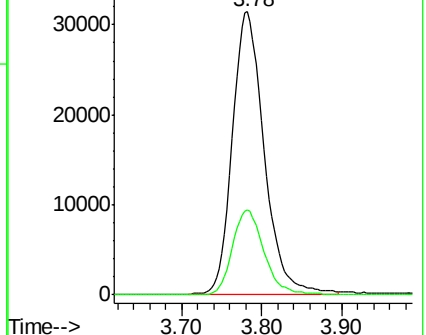
43 100

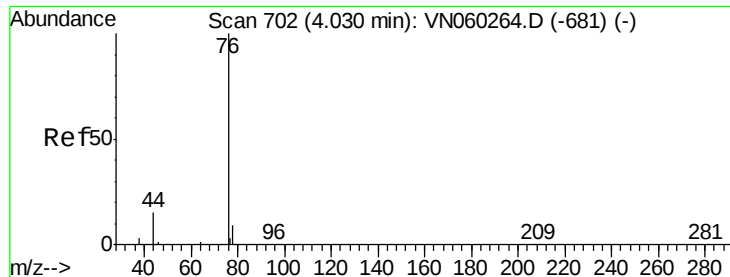
58 29.9 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN060263.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060263.D (-531) (-)





#17

Carbon Disulfide

Concen: 17.86 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

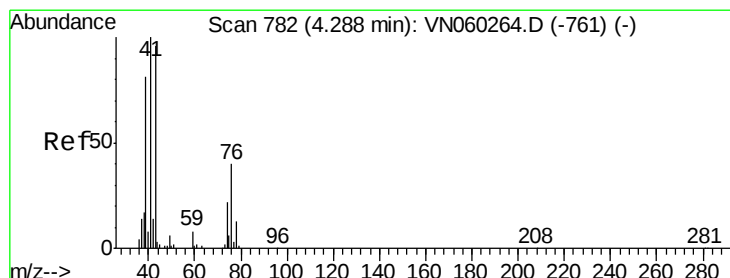
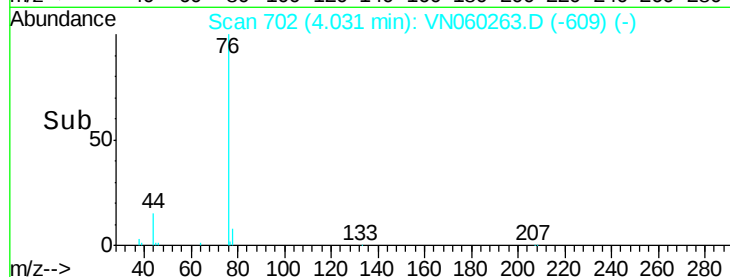
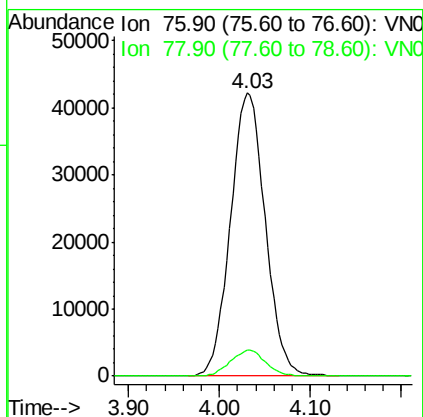
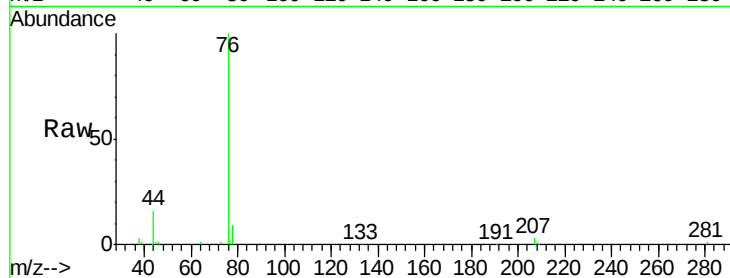
VSTDIC020

Tgt Ion: 76 Resp: 112257

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



#18

Methyl Acetate

Concen: 24.28 ug/l

RT: 4.29 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN060263.D

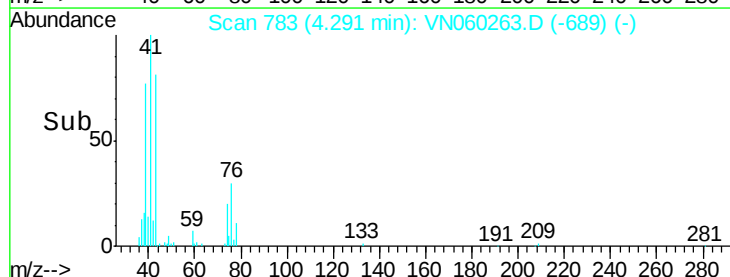
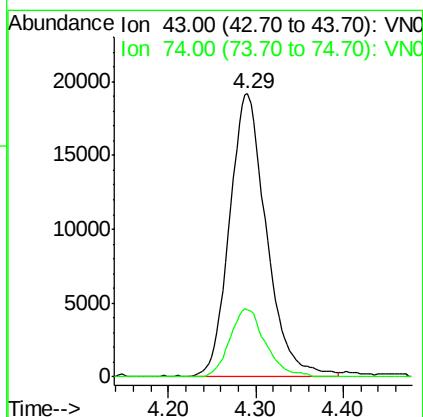
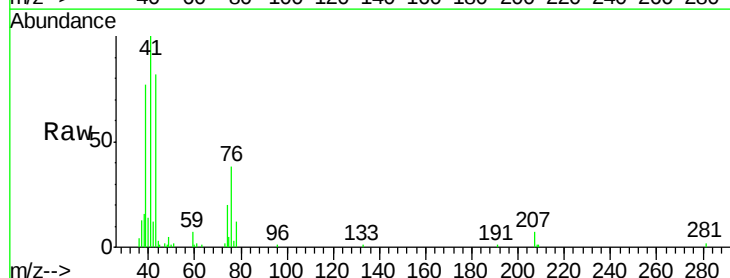
Acq: 27 Feb 2020 11:06

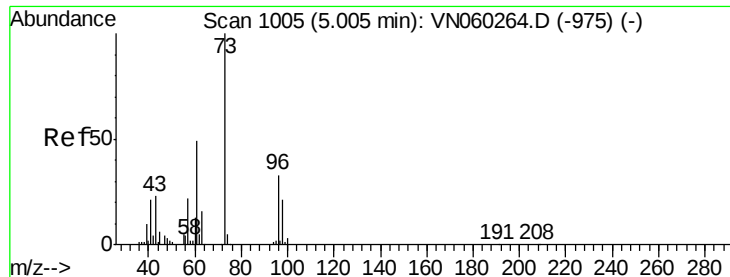
Tgt Ion: 43 Resp: 56375

Ion Ratio Lower Upper

43 100

74 23.1 18.8 28.2





#19

Methyl tert-butyl Ether

Concen: 20.44 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

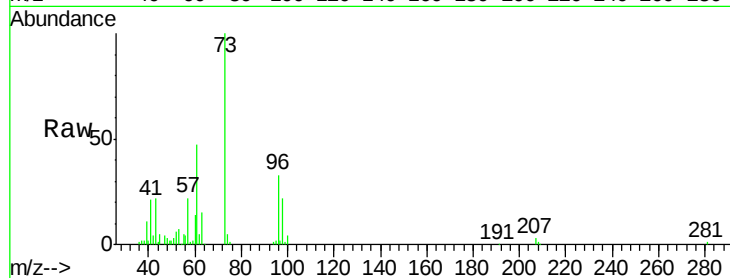
VSTDIC020

Tgt Ion: 73 Resp: 146953

Ion Ratio Lower Upper

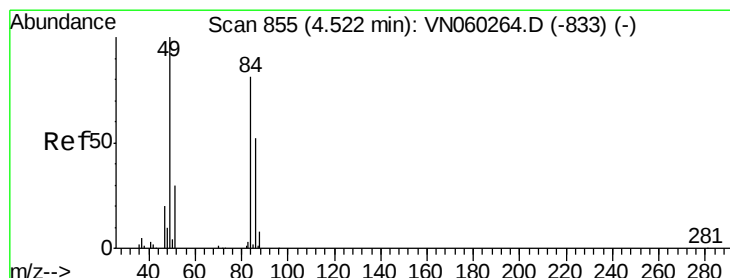
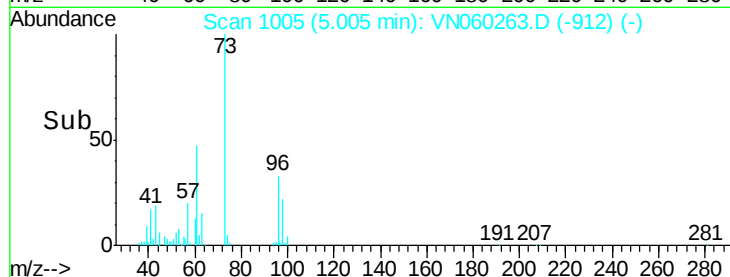
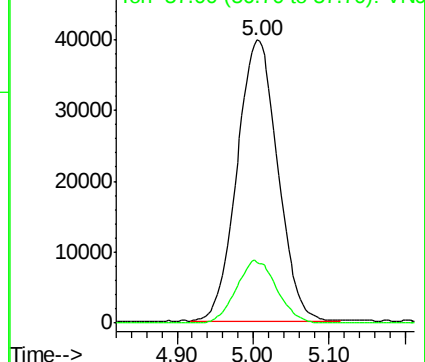
73 100

57 21.8 17.3 25.9



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#20

Methylene Chloride

Concen: 19.88 ug/l

RT: 4.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

Tgt Ion: 84 Resp: 47239

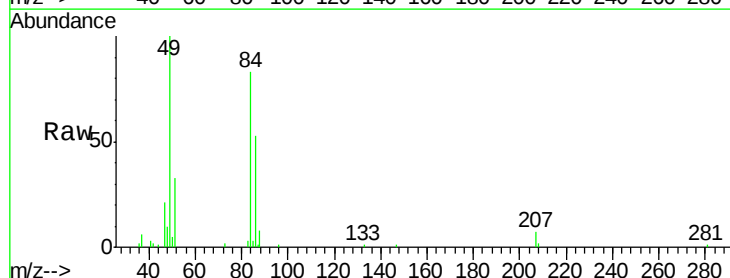
Ion Ratio Lower Upper

84 100

49 120.6 99.3 148.9

51 39.7 30.1 45.1

86 63.8 51.1 76.7

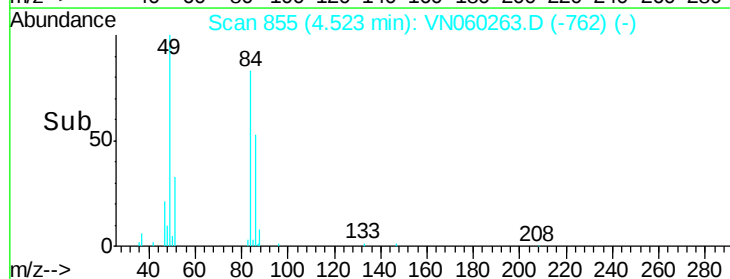
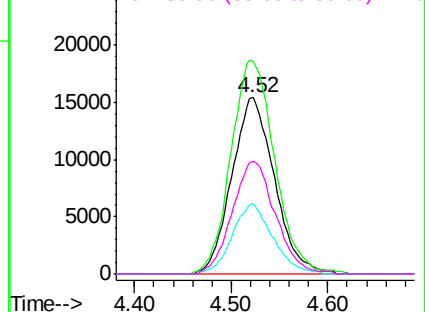


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0





#21

trans-1,2-Dichloroethene

Concen: 19.67 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

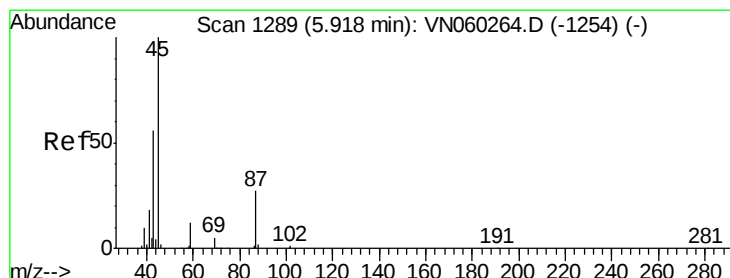
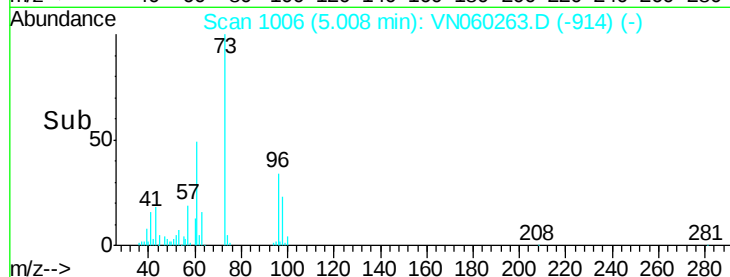
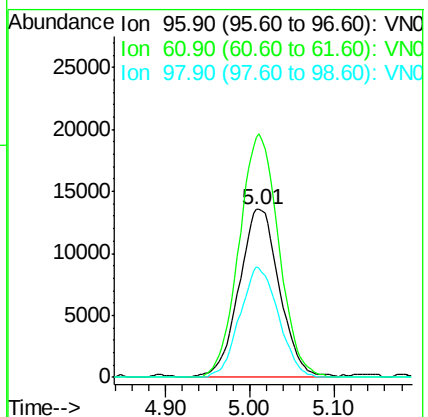
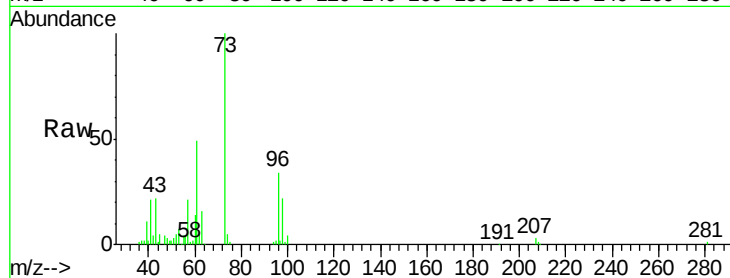
Tgt Ion: 96 Resp: 45247

Ion Ratio Lower Upper

96 100

61 143.0 113.8 170.8

98 66.0 48.8 73.2



#22

Diisopropyl ether

Concen: 21.74 ug/l

RT: 5.92 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

Tgt Ion: 45 Resp: 152063

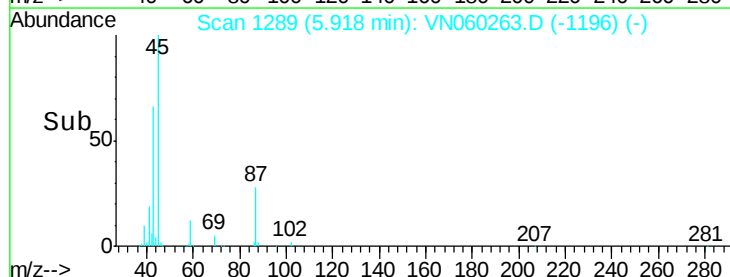
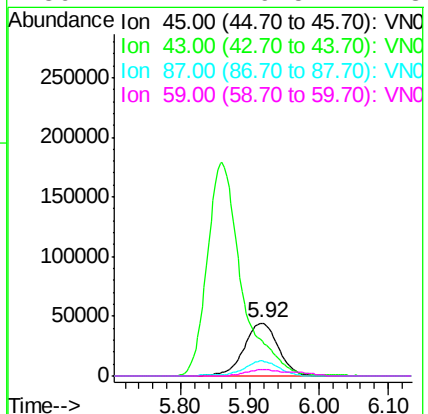
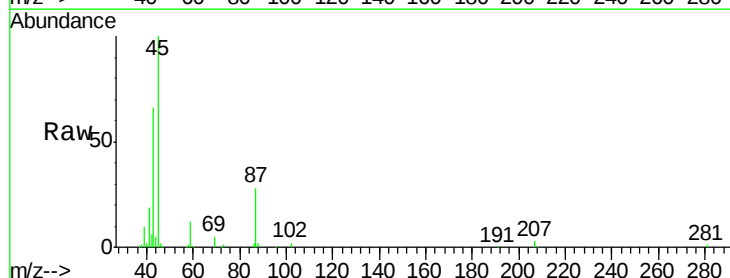
Ion Ratio Lower Upper

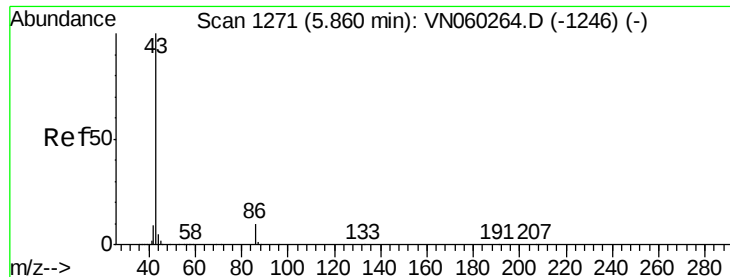
45 100

43 64.1 48.6 72.8

87 28.1 22.2 33.2

59 12.1 9.5 14.3





#23

Vinyl Acetate

Concen: 105.51 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

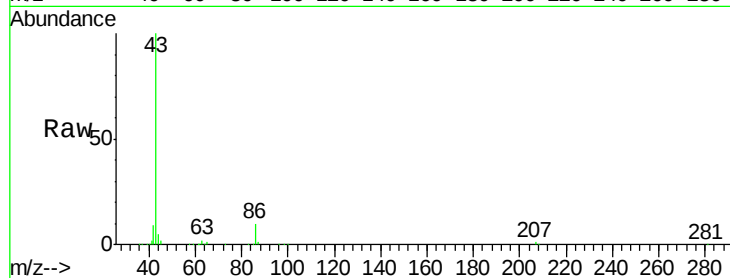
VSTDIC020

Tgt Ion: 43 Resp: 613488

Ion Ratio Lower Upper

43 100

86 9.6 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN060263.D (-1178) (-)

Ion 86.00 (85.70 to 86.70): VN060263.D (-1178) (-)

5.86

200000

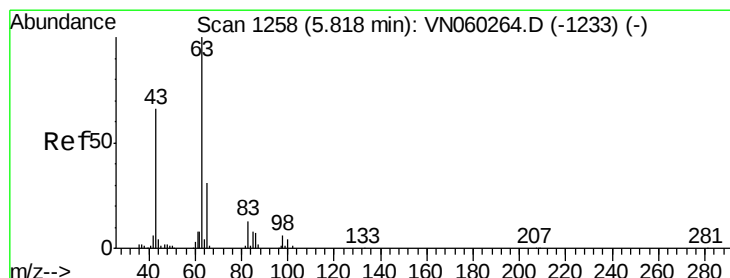
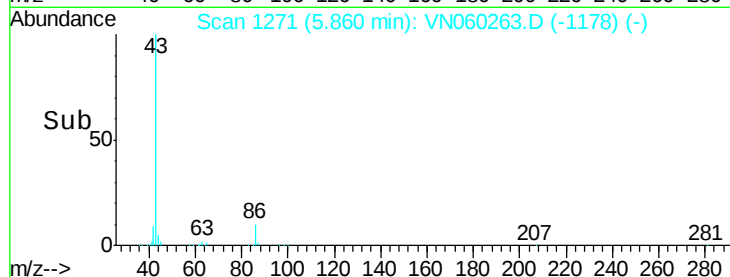
150000

100000

50000

0

Time--> 5.70 5.80 5.90 6.00



#24

1,1-Dichloroethane

Concen: 20.48 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

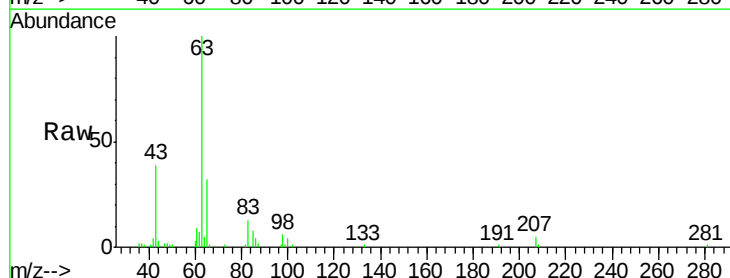
Tgt Ion: 63 Resp: 85602

Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.0

100 4.4 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN060263.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN060263.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN060263.D (-1165) (-)

5.82

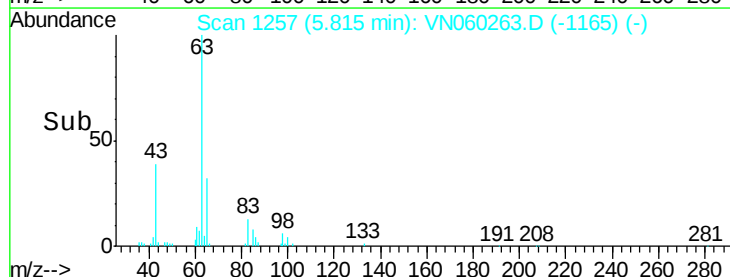
30000

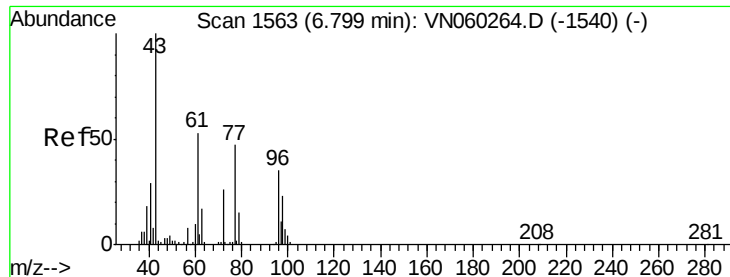
20000

10000

0

Time--> 5.70 5.80 5.90

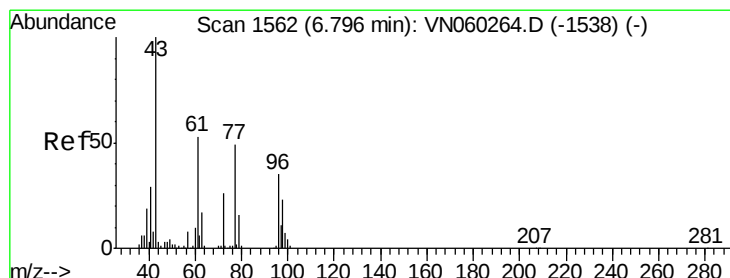
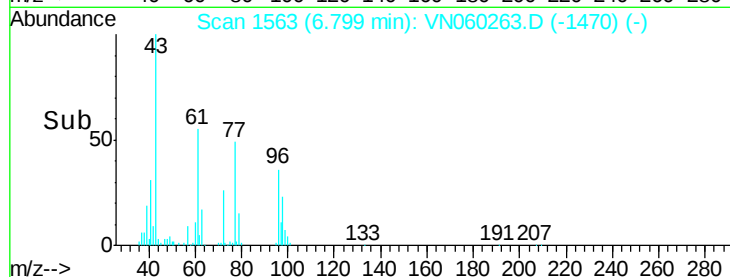
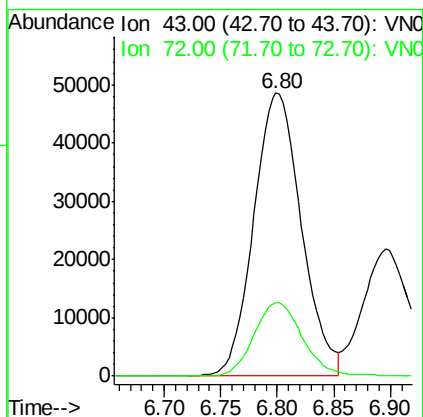
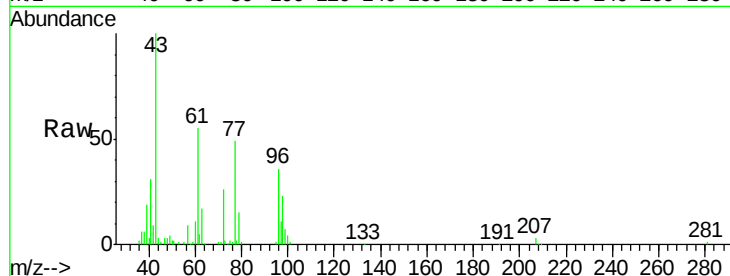




#25
 2-Butanone
 Concen: 96.40 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VN060263.D
 Acq: 27 Feb 2020 11:06

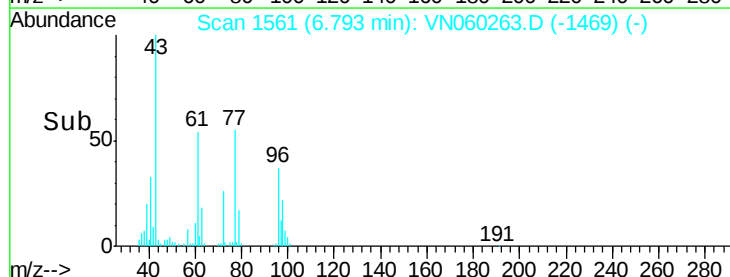
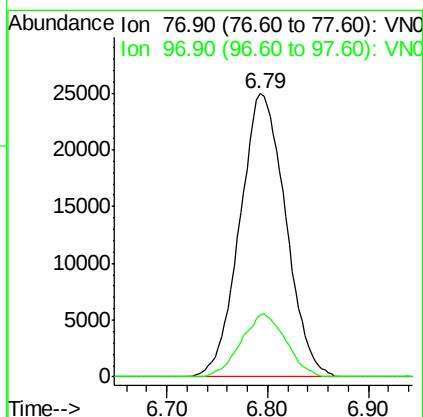
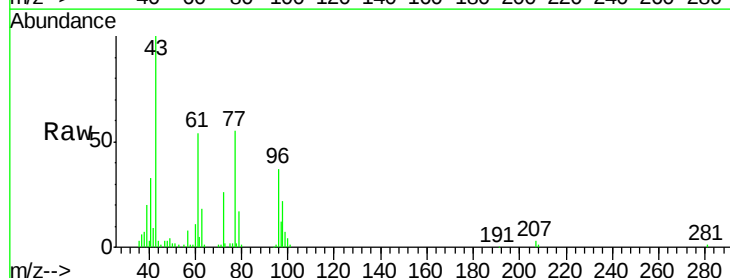
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

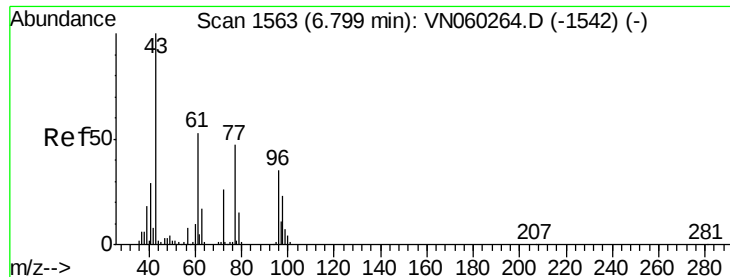
Tgt Ion: 43 Resp: 141981
 Ion Ratio Lower Upper
 43 100
 72 26.1 20.9 31.3



#26
 2,2-Dichloropropane
 Concen: 20.00 ug/l
 RT: 6.79 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: VN060263.D
 Acq: 27 Feb 2020 11:06

Tgt Ion: 77 Resp: 78621
 Ion Ratio Lower Upper
 77 100
 97 21.7 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 19.89 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

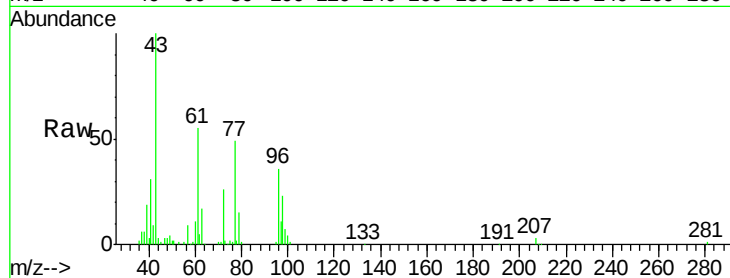
Tgt Ion: 96 Resp: 53671

Ion Ratio Lower Upper

96 100

61 144.2 0.0 300.8

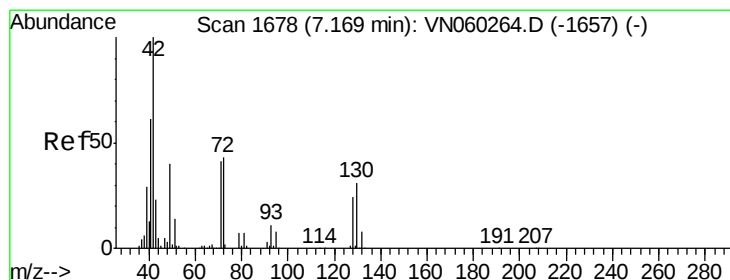
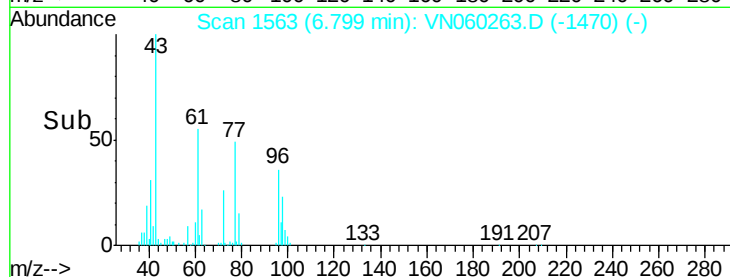
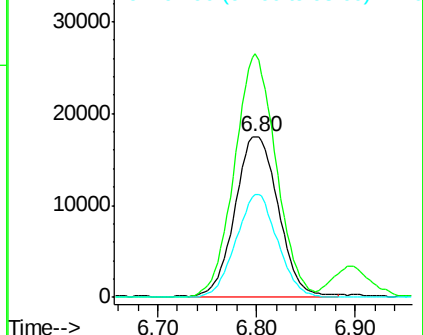
98 60.9 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VN060263.D (-1470) (-)

Ion 60.90 (60.60 to 61.60): VN060263.D (-1470) (-)

Ion 97.90 (97.60 to 98.60): VN060263.D (-1470) (-)



#28

Bromochloromethane

Concen: 21.77 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

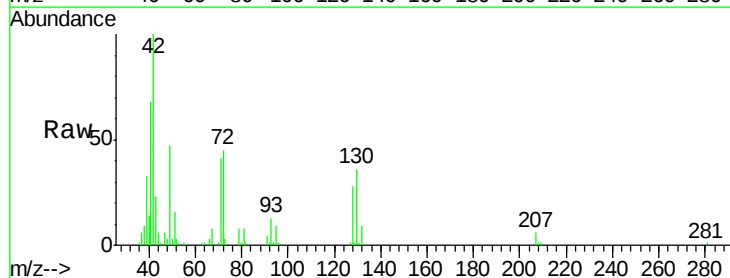
Tgt Ion: 49 Resp: 35601

Ion Ratio Lower Upper

49 100

129 1.2 0.0 3.8

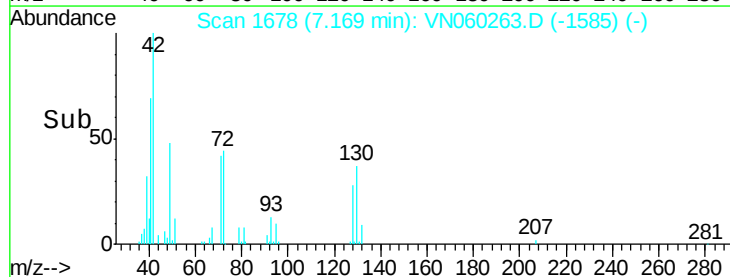
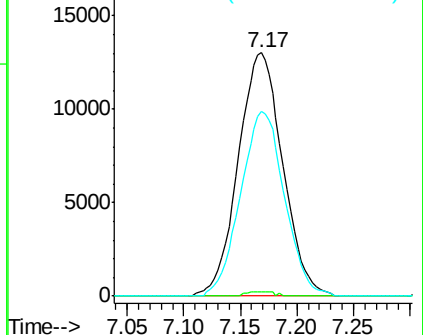
130 74.9 59.8 89.8



Abundance Ion 48.90 (48.60 to 49.60): VN060263.D (-1585) (-)

Ion 128.80 (128.50 to 129.50): VN060263.D (-1585) (-)

Ion 129.80 (129.50 to 130.50): VN060263.D (-1585) (-)





#29

Tetrahydrofuran

Concen: 106.52 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

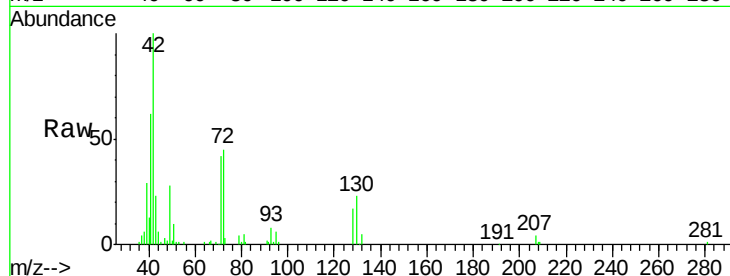
Tgt Ion: 42 Resp: 99038

Ion Ratio Lower Upper

42 100

72 43.4 34.6 52.0

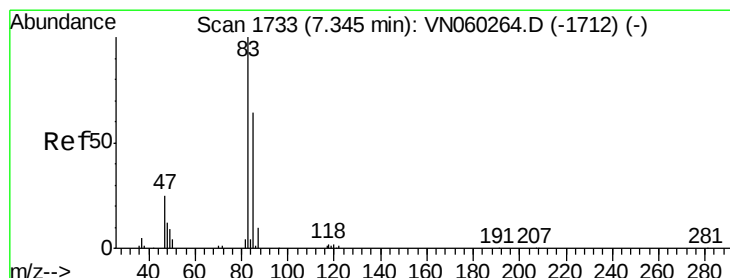
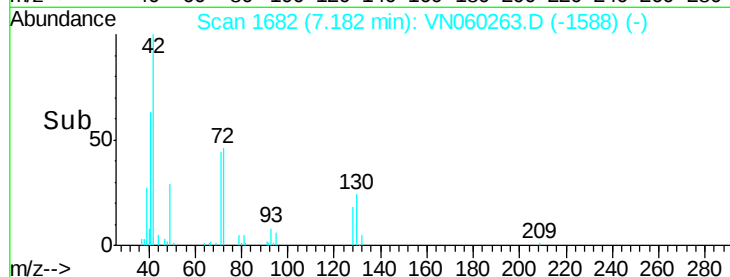
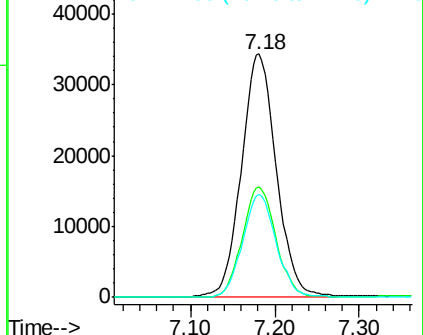
71 40.6 32.9 49.3



Abundance Ion 42.00 (41.70 to 42.70): VN060264.D (-1651) (-)

Ion 72.00 (71.70 to 72.70): VN060264.D (-1651) (-)

Ion 71.00 (70.70 to 71.70): VN060264.D (-1651) (-)



#30

Chloroform

Concen: 19.62 ug/l

RT: 7.35 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VN060263.D

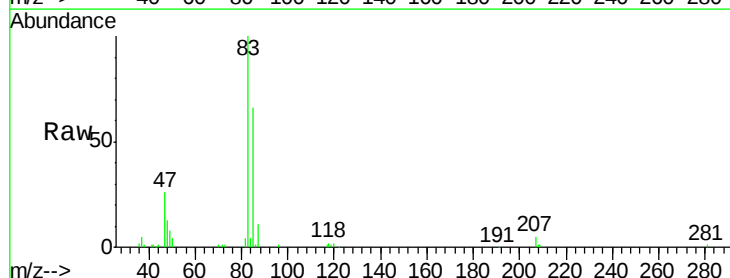
Acq: 27 Feb 2020 11:06

Tgt Ion: 83 Resp: 84929

Ion Ratio Lower Upper

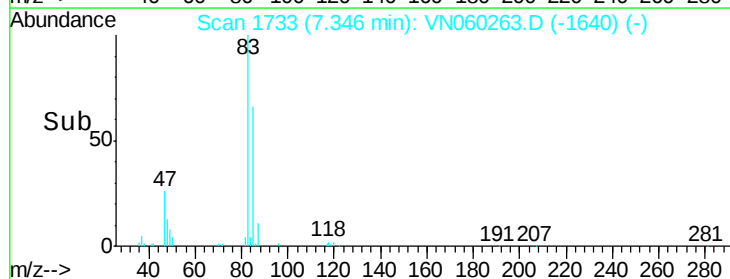
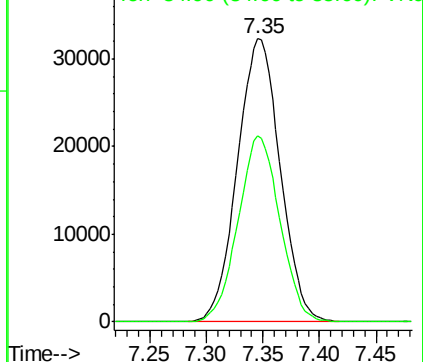
83 100

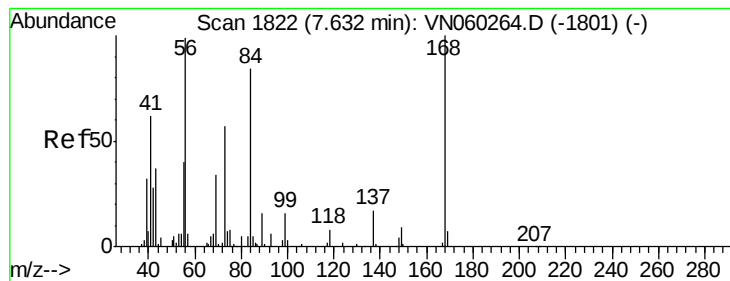
85 65.9 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VN060264.D (-1712) (-)

Ion 84.90 (84.60 to 85.60): VN060264.D (-1712) (-)





#31

Cyclohexane

Concen: 19.88 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

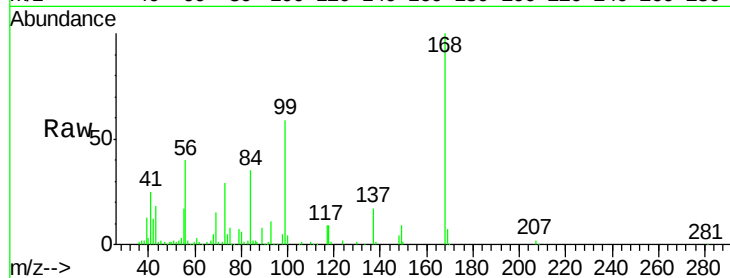
Tgt Ion: 56 Resp: 77148

Ion Ratio Lower Upper

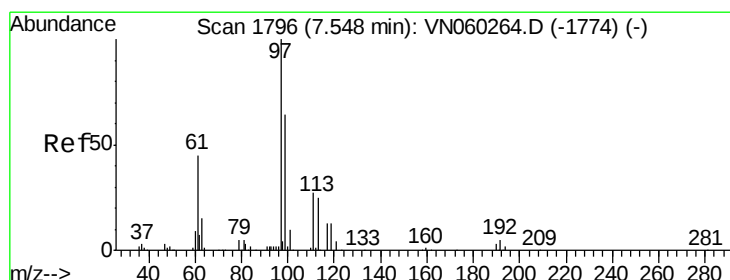
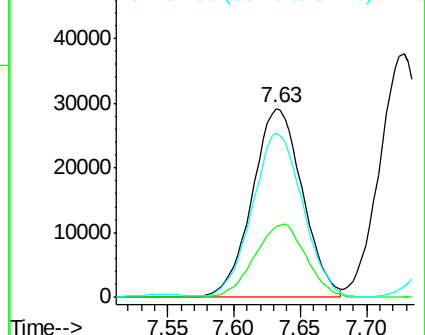
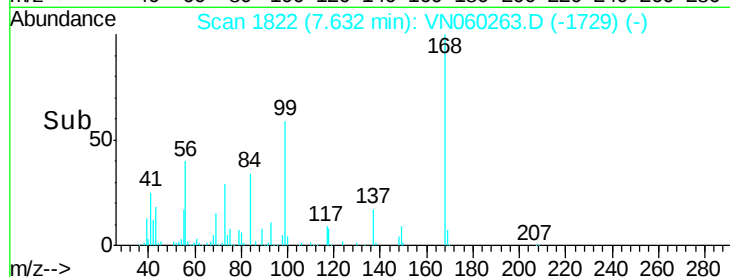
56 100

69 37.4 27.2 40.8

84 86.2 66.7 100.1



Abundance Ion 56.00 (55.70 to 56.70): VN060263.D (-1729) (-)



#32

1,1,1-Trichloroethane

Concen: 19.13 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

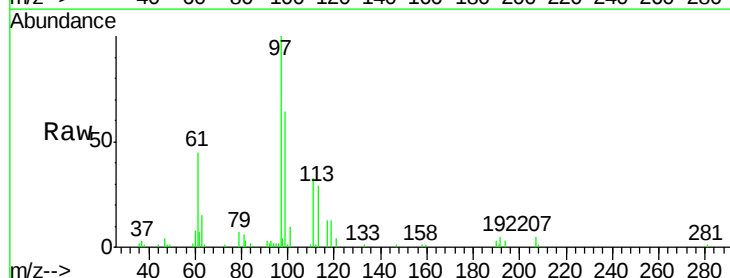
Tgt Ion: 97 Resp: 75262

Ion Ratio Lower Upper

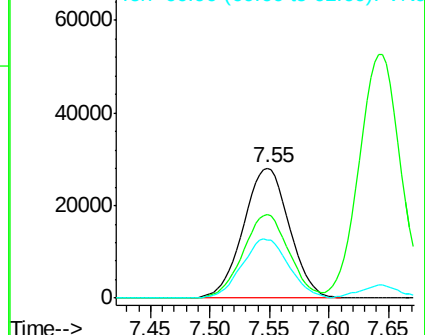
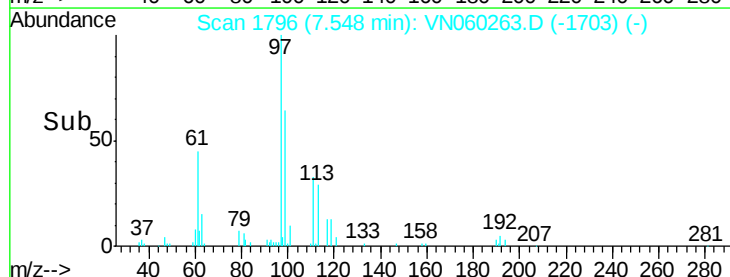
97 100

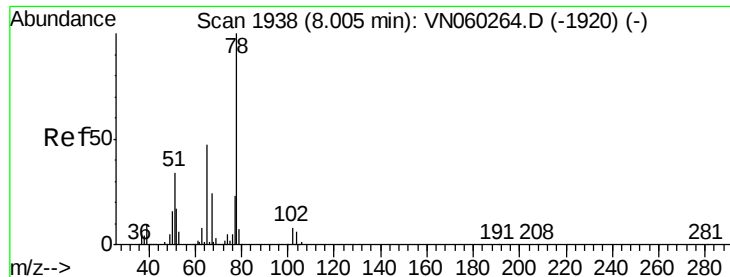
99 63.9 51.4 77.0

61 46.1 36.6 55.0



Abundance Ion 96.90 (96.60 to 97.60): VN060263.D (-1703) (-)





#33

1,2-Dichloroethane-d4

Concen: 21.59 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

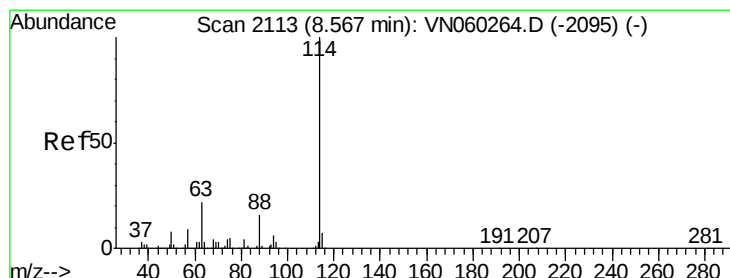
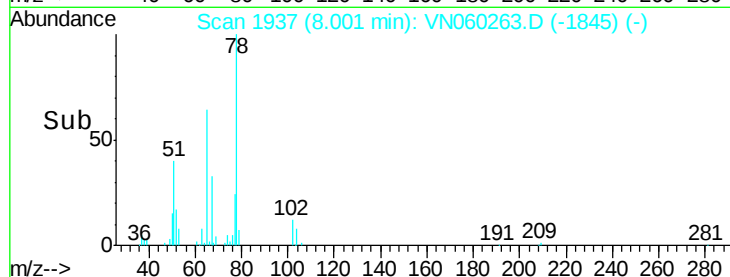
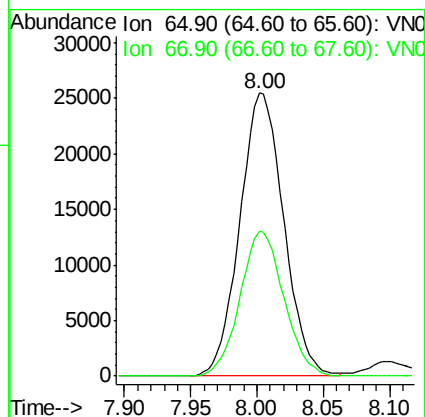
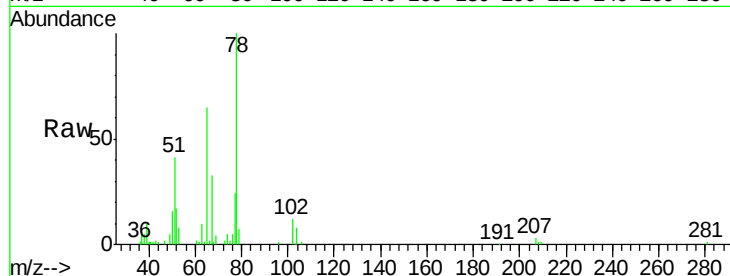
VSTDIC020

Tgt Ion: 65 Resp: 58648

Ion Ratio Lower Upper

65 100

67 51.1 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: VN060263.D

Acq: 27 Feb 2020 11:06

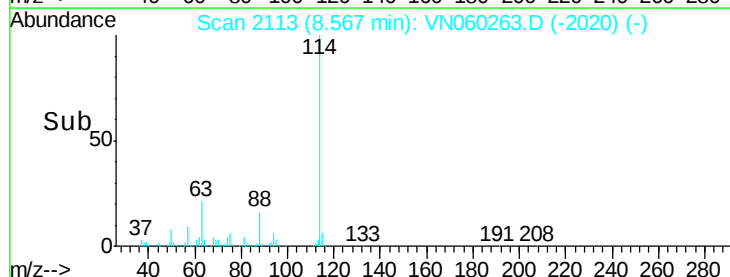
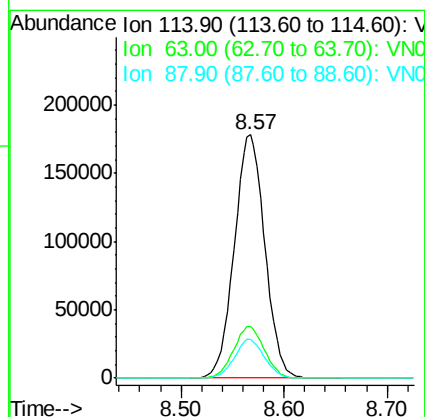
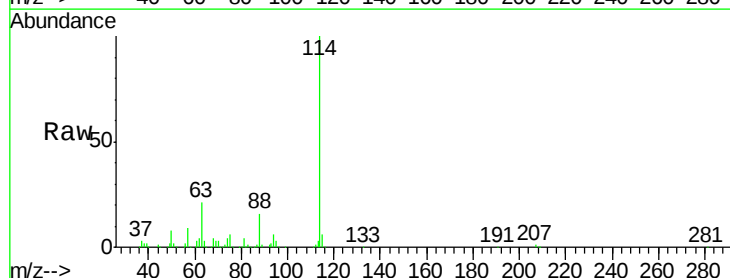
Tgt Ion: 114 Resp: 367086

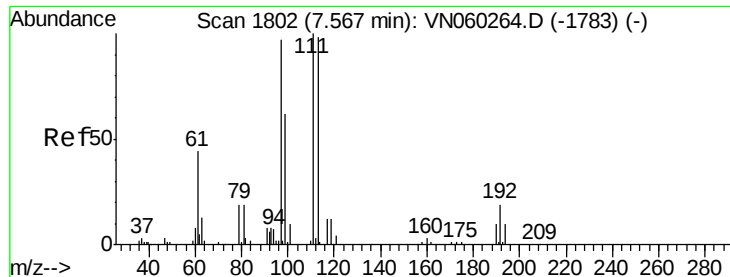
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.2

88 16.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 18.33 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

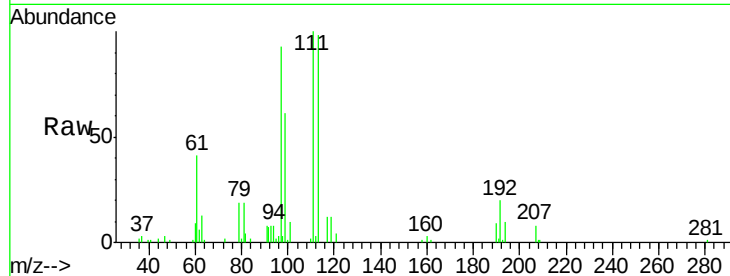
Tgt Ion:113 Resp: 38953

Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

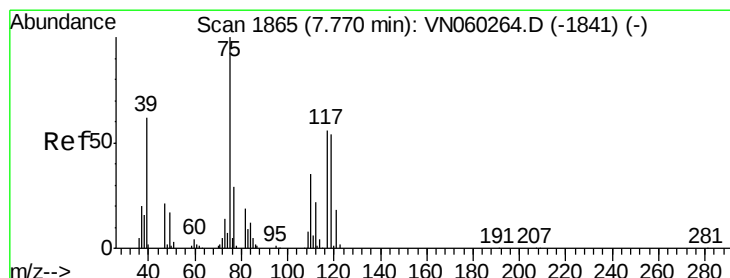
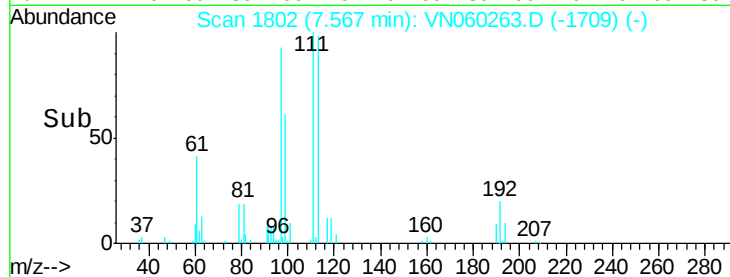
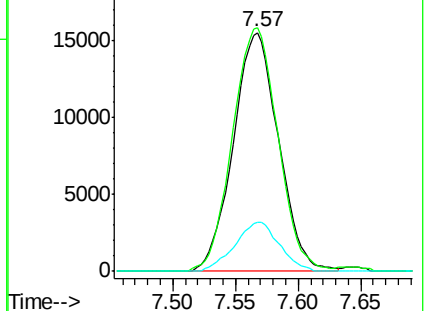
192 20.2 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.48 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

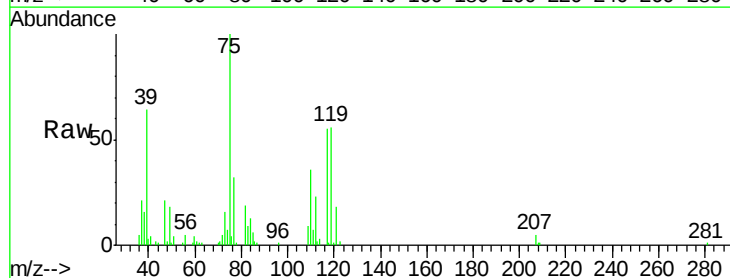
Tgt Ion: 75 Resp: 62602

Ion Ratio Lower Upper

75 100

110 35.7 17.3 52.0

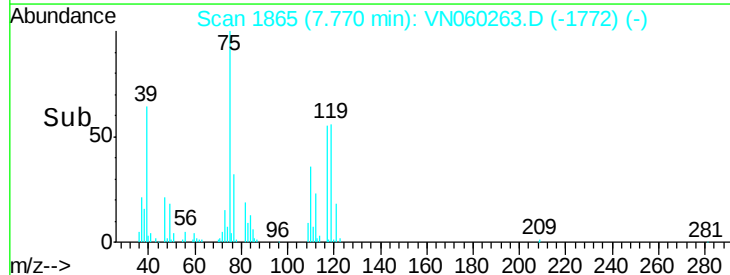
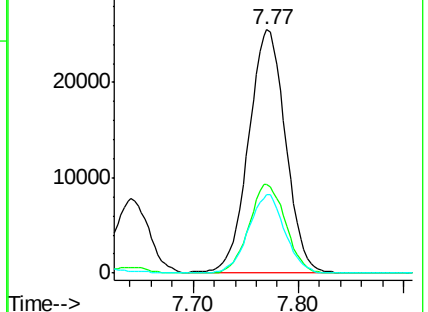
77 31.5 24.2 36.2

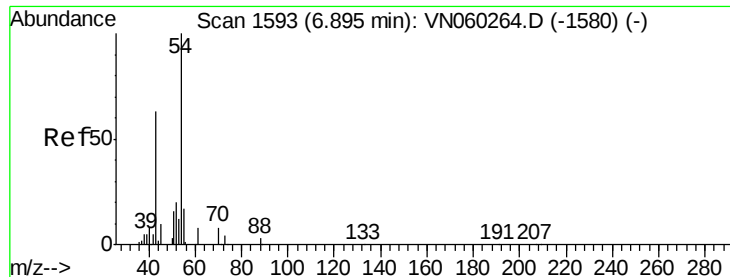


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

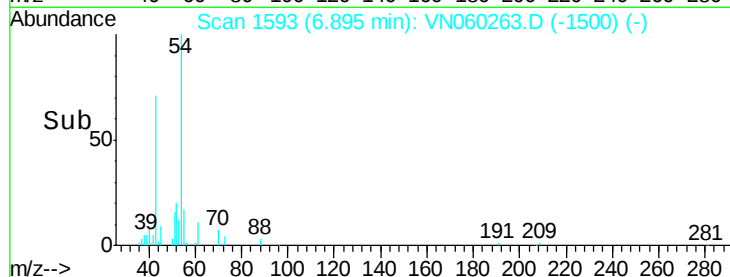
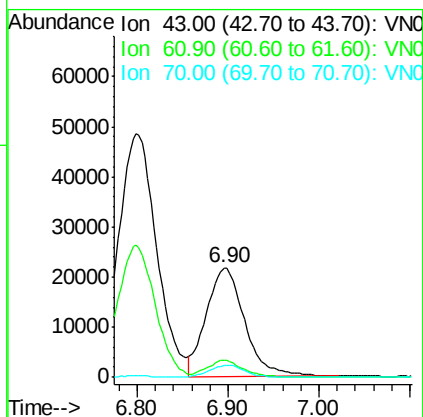
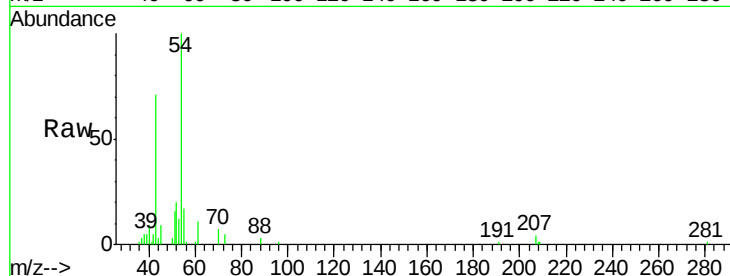




#37
Ethyl Acetate
Concen: 20.44 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN060263.D
Acq: 27 Feb 2020 11:06

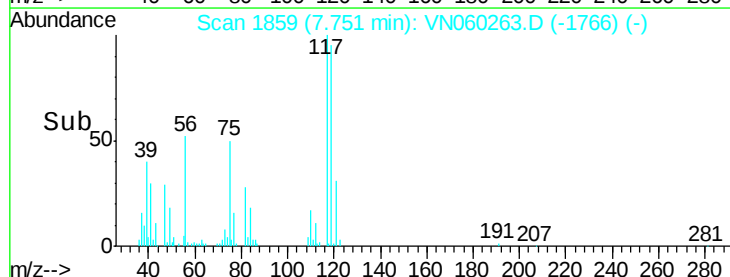
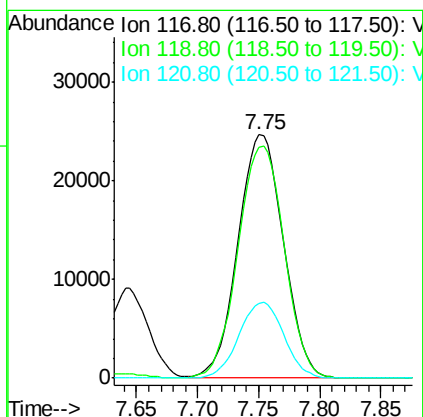
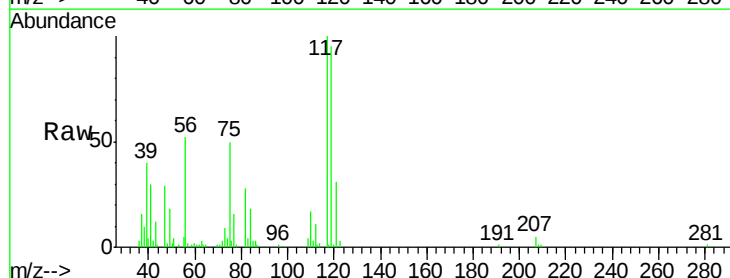
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

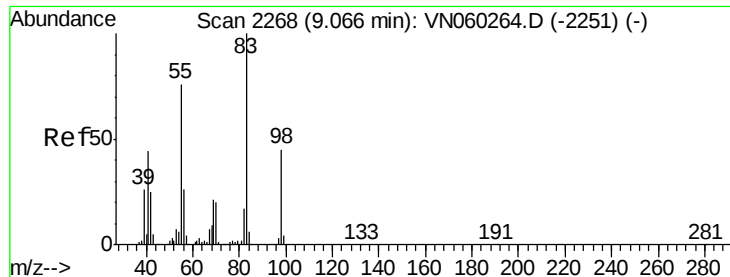
Tgt Ion: 43 Resp: 63609
Ion Ratio Lower Upper
43 100
61 14.6 11.1 16.7
70 10.0 8.4 12.6



#38
Carbon Tetrachloride
Concen: 17.48 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN060263.D
Acq: 27 Feb 2020 11:06

Tgt Ion: 117 Resp: 63711
Ion Ratio Lower Upper
117 100
119 94.7 76.7 115.1
121 30.8 24.5 36.7

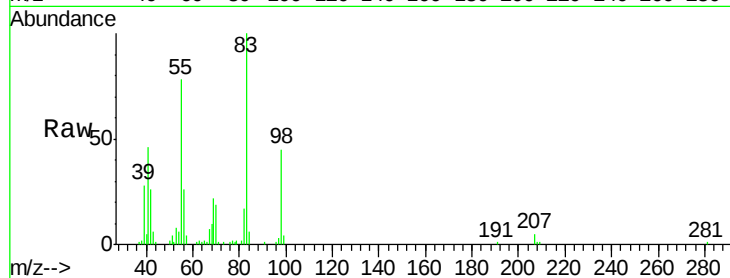




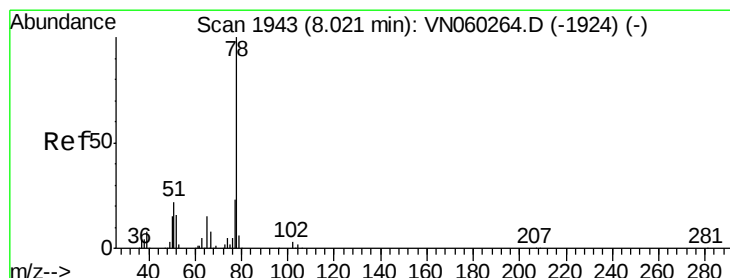
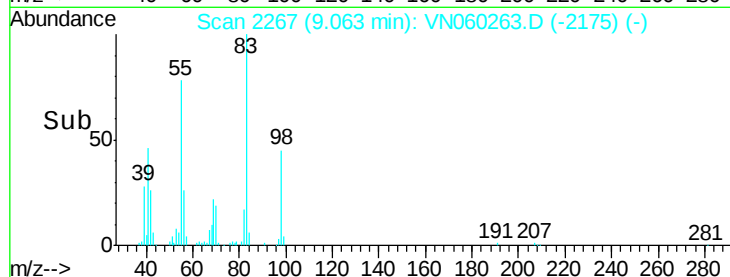
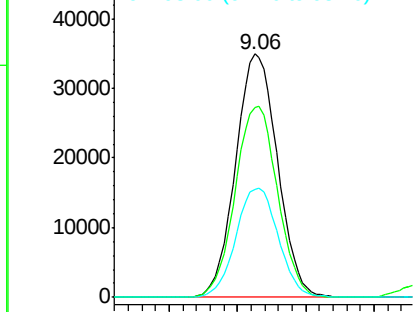
#39
Methylcyclohexane
Concen: 17.82 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060263.D
Acq: 27 Feb 2020 11:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 74567
Ion Ratio Lower Upper
83 100
55 78.2 61.0 91.4
98 44.5 36.1 54.1

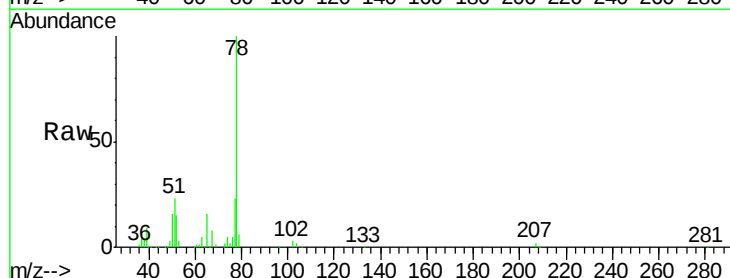


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

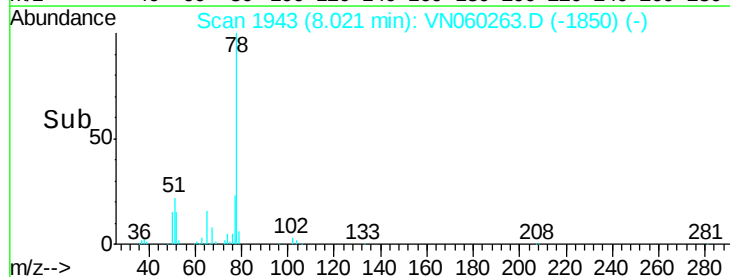
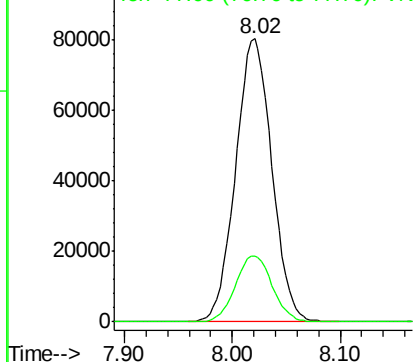


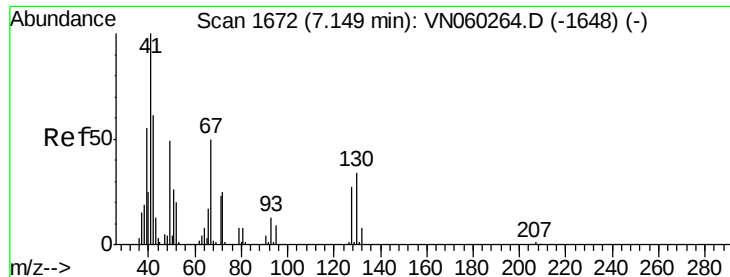
#40
Benzene
Concen: 18.65 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN060263.D
Acq: 27 Feb 2020 11:06

Tgt Ion: 78 Resp: 188171
Ion Ratio Lower Upper
78 100
77 23.2 18.8 28.2



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

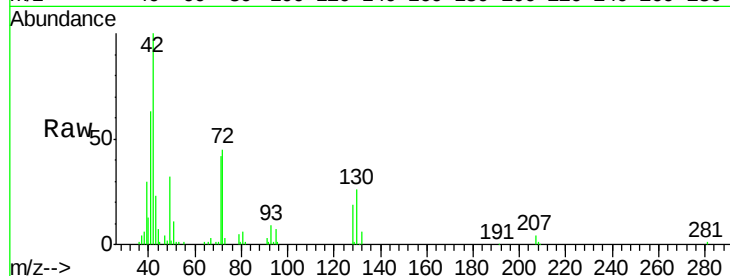




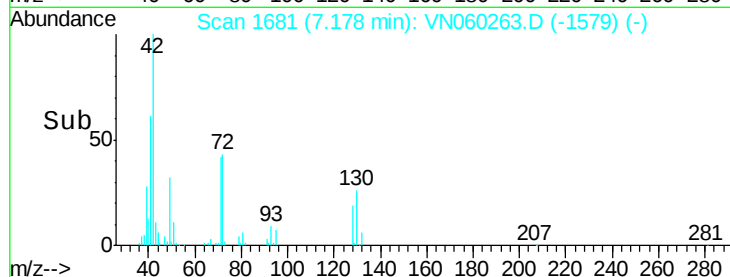
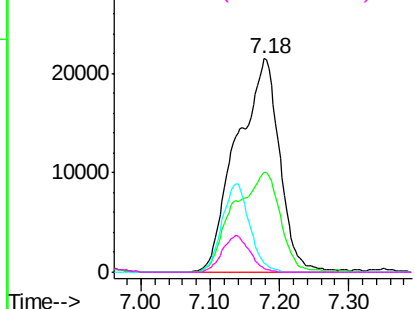
#41
Methacrylonitrile
Concen: 69.99 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN060263.D
Acq: 27 Feb 2020 11:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:	41	Resp:	92330
Ion	Ratio	Lower	Upper
41	100		
39	50.6	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

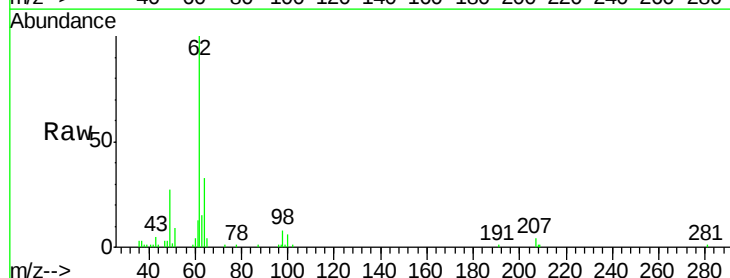


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

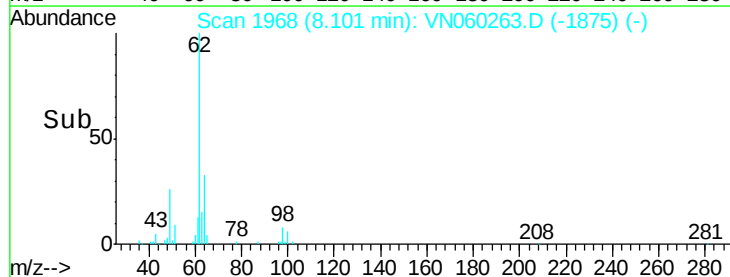
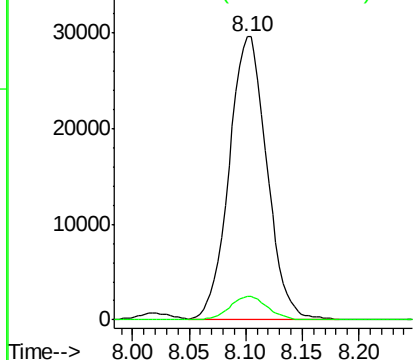


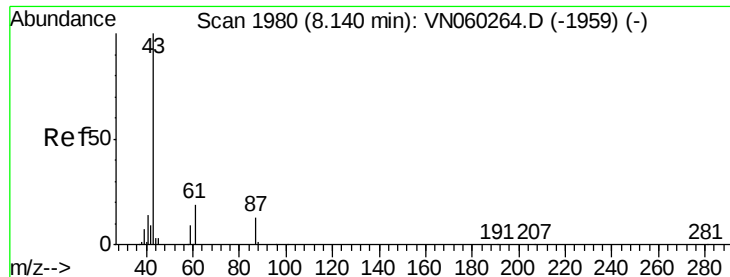
#42
1,2-Dichloroethane
Concen: 19.44 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060263.D
Acq: 27 Feb 2020 11:06

Tgt Ion:	62	Resp:	68979
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.0



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





#43

Isopropyl Acetate

Concen: 20.72 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

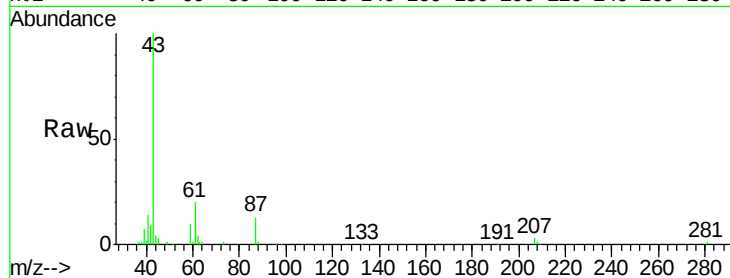
Tgt Ion: 43 Resp: 110618

Ion Ratio Lower Upper

43 100

61 20.8 20.9 31.3#

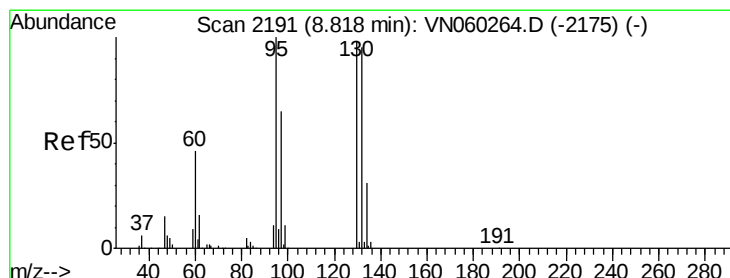
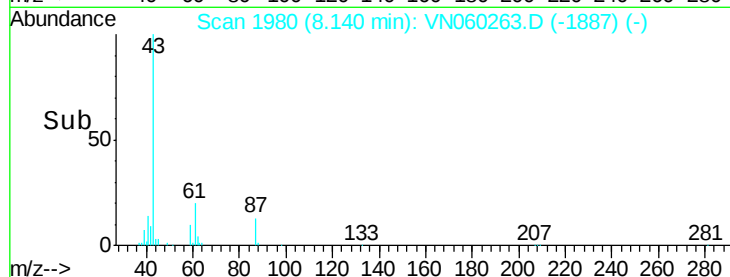
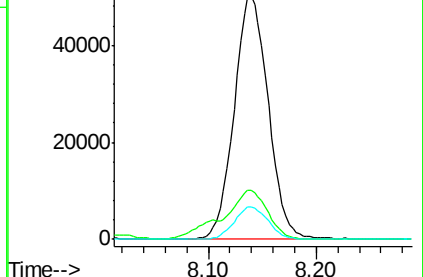
87 13.2 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN060263.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060263.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060263.D (-1887) (-)



#44

Trichloroethene

Concen: 18.48 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN060263.D

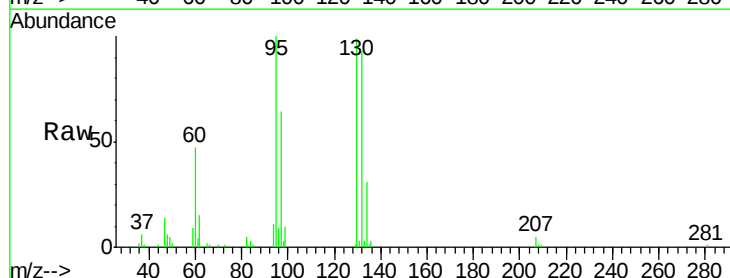
Acq: 27 Feb 2020 11:06

Tgt Ion: 130 Resp: 51494

Ion Ratio Lower Upper

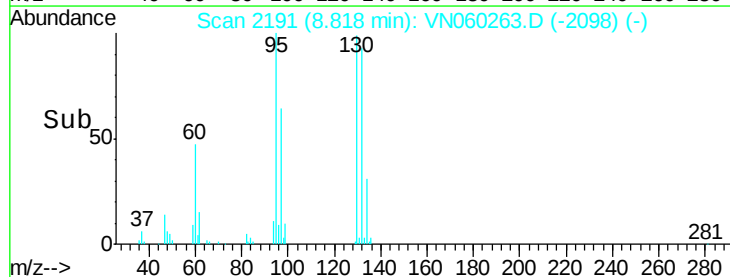
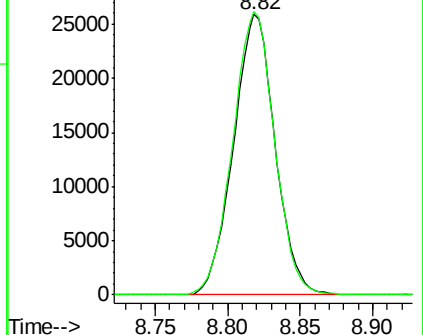
130 100

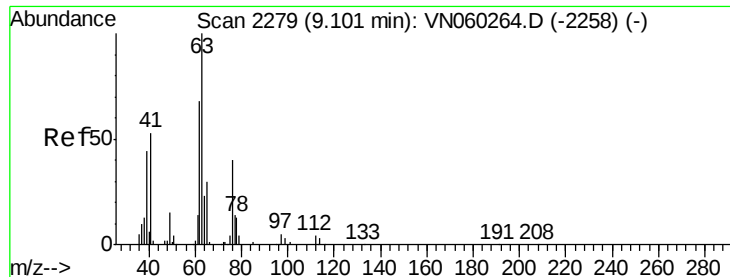
95 100.9 0.0 203.4



Abundance Ion 129.80 (129.50 to 130.50): VN060263.D (-2098) (-)

Ion 94.90 (94.60 to 95.60): VN060263.D (-2098) (-)





#45

1,2-Dichloropropane

Concen: 20.28 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

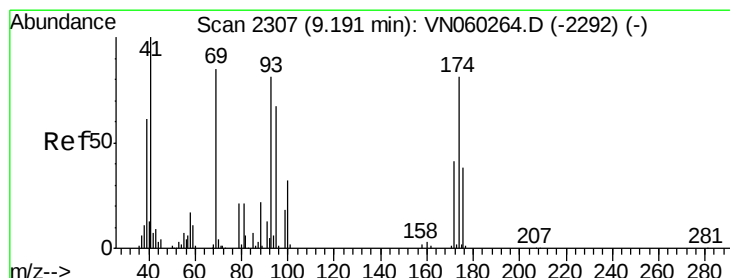
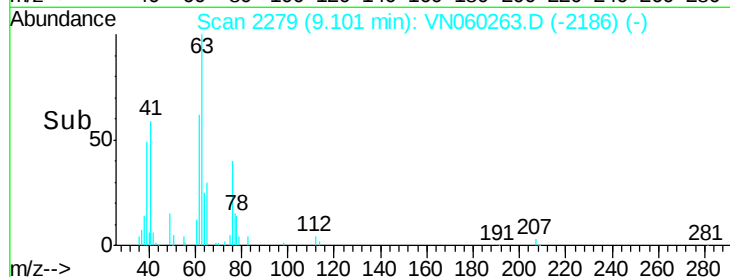
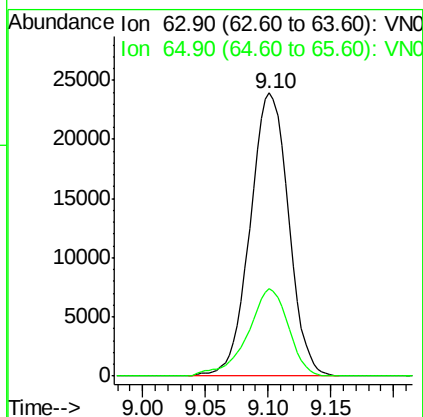
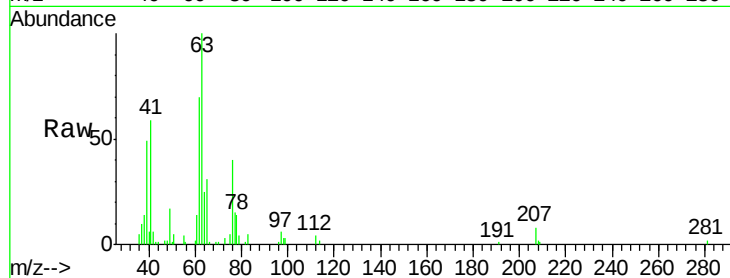
VSTDIC020

Tgt Ion: 63 Resp: 51093

Ion Ratio Lower Upper

63 100

65 30.7 24.4 36.6



#46

Dibromomethane

Concen: 18.13 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

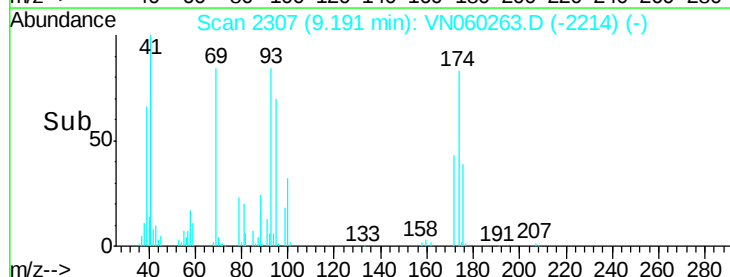
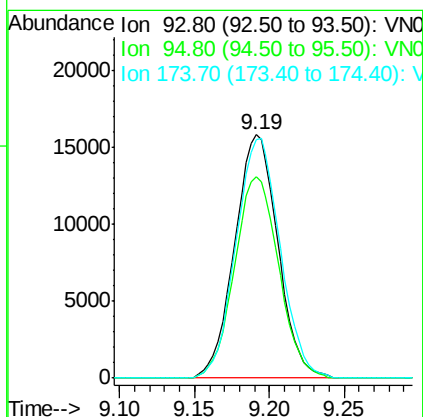
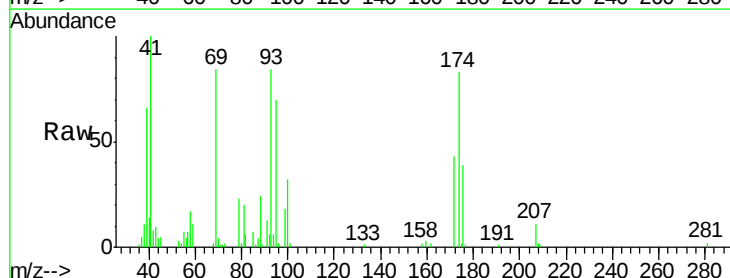
Tgt Ion: 93 Resp: 31786

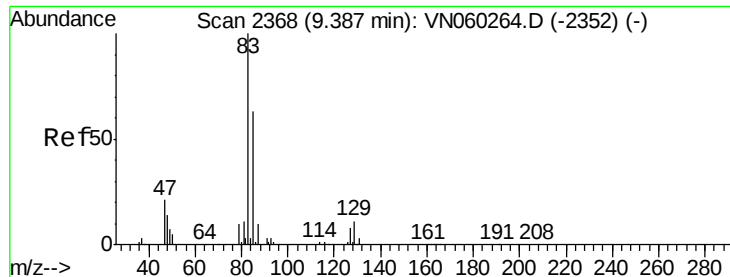
Ion Ratio Lower Upper

93 100

95 84.5 65.9 98.9

174 100.8 79.6 119.4





#47

Bromodichloromethane

Concen: 18.51 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

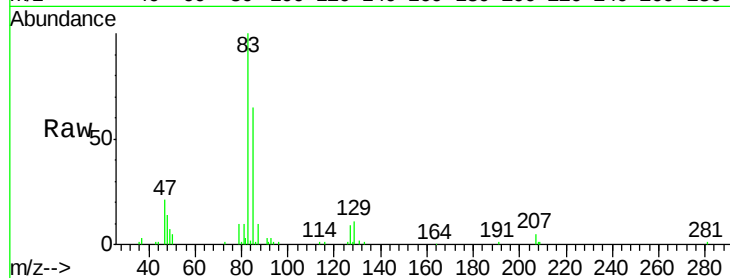
Tgt Ion: 83 Resp: 66150

Ion Ratio Lower Upper

83 100

85 64.7 50.7 76.1

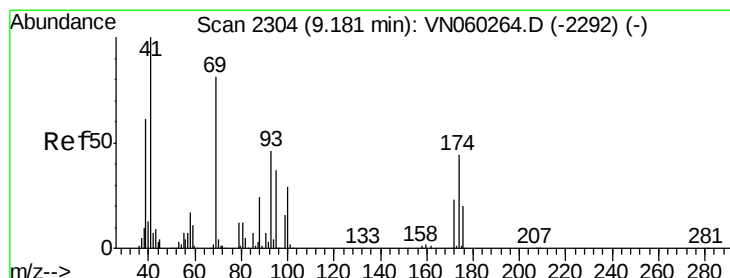
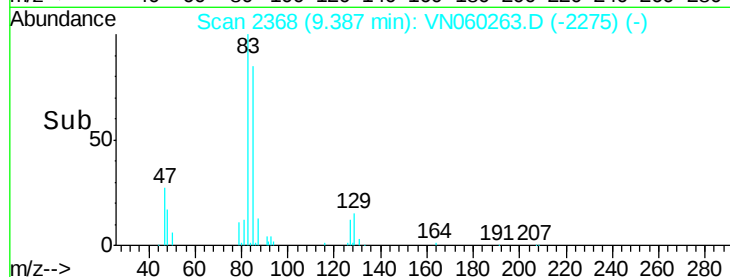
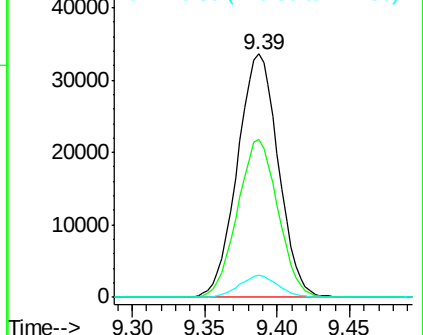
127 9.0 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN060263.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060263.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060263.D (-2275) (-)



#48

Methyl methacrylate

Concen: 19.72 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

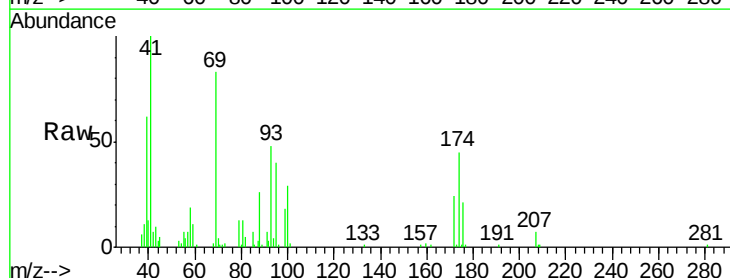
Tgt Ion: 41 Resp: 47187

Ion Ratio Lower Upper

41 100

69 84.9 66.7 100.1

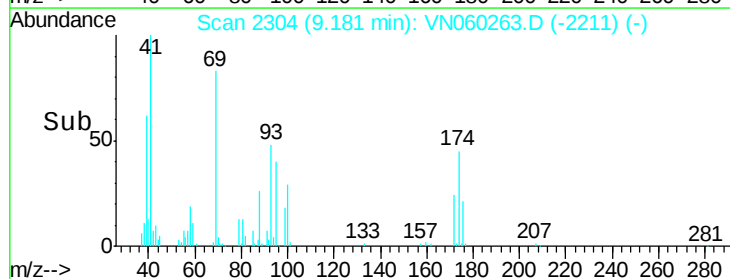
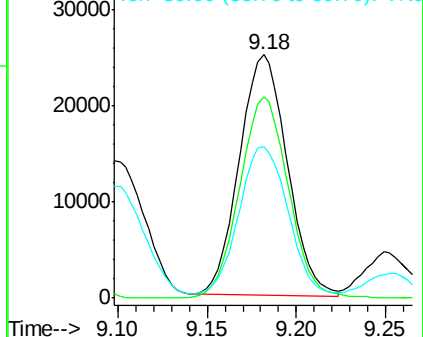
39 66.2 50.1 75.1

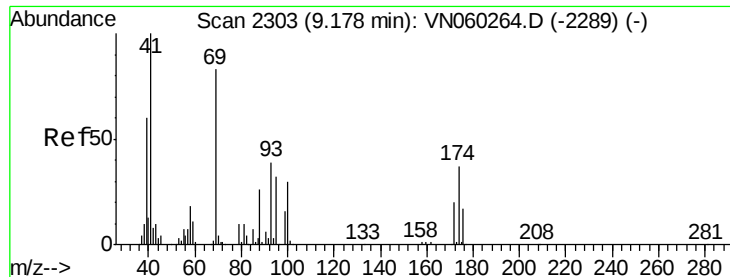


Abundance Ion 41.00 (40.70 to 41.70): VN060263.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060263.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060263.D (-2211) (-)





#49

1,4-Dioxane

Concen: 351.15 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

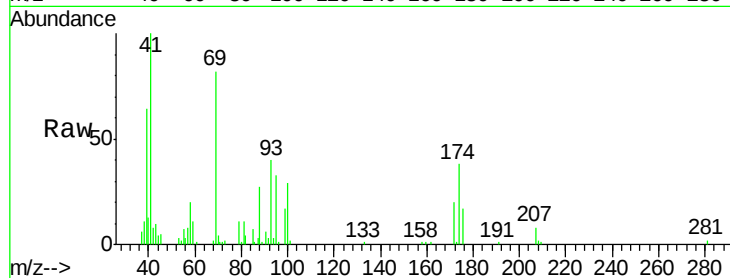
Tgt Ion: 88 Resp: 13611

Ion Ratio Lower Upper

88 100

43 38.6 30.4 45.6

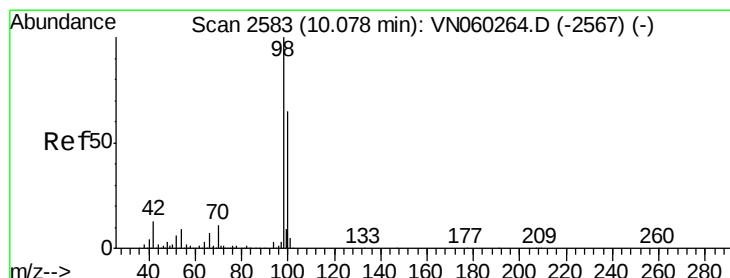
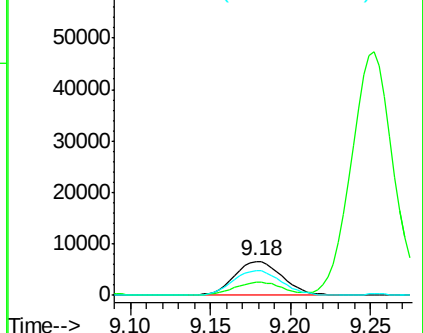
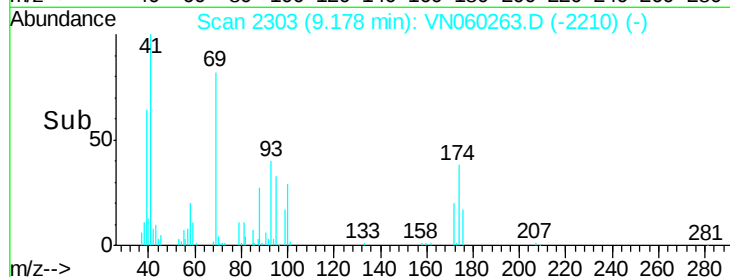
58 73.3 57.0 85.6



Abundance Ion 88.00 (87.70 to 88.70): VN060263.D (-2210) (-)

Ion 43.00 (42.70 to 43.70): VN060263.D (-2210) (-)

Ion 58.00 (57.70 to 58.70): VN060263.D (-2210) (-)



#50

Toluene-d8

Concen: 19.69 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060263.D

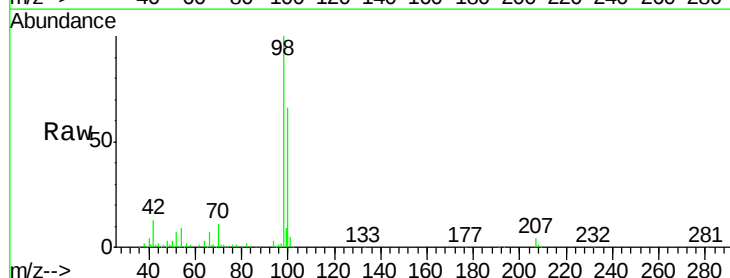
Acq: 27 Feb 2020 11:06

Tgt Ion: 98 Resp: 171736

Ion Ratio Lower Upper

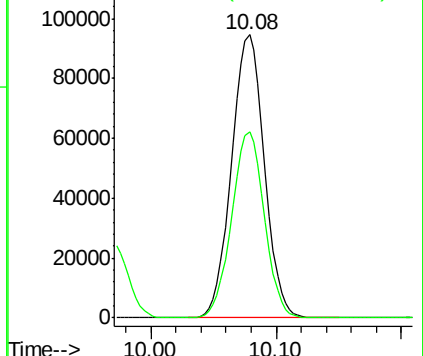
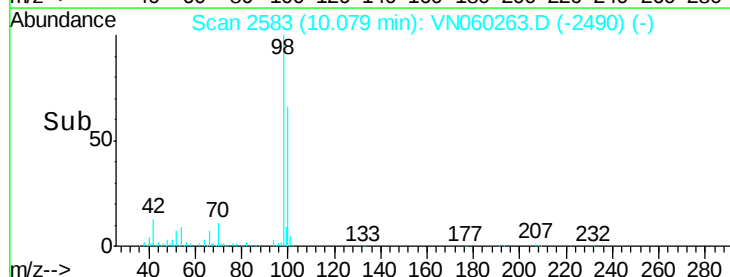
98 100

100 65.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060263.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060263.D (-2490) (-)





#51

4-Methyl-2-Pentanone

Concen: 101.27 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

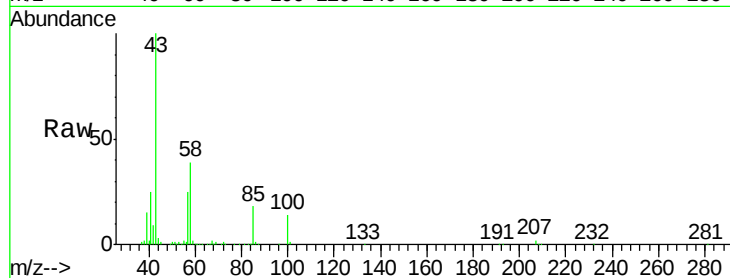
VSTDIC020

Tgt Ion: 43 Resp: 311325

Ion Ratio Lower Upper

43 100

58 39.0 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN060264.D (-2531) (-)

200000

150000

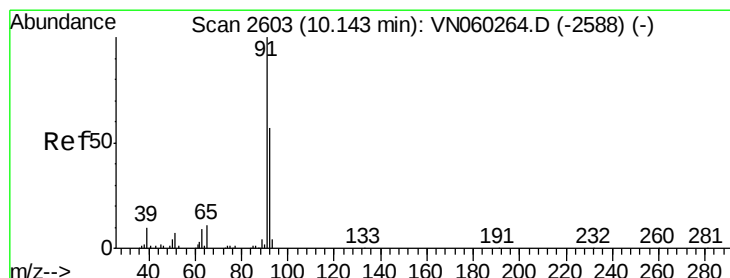
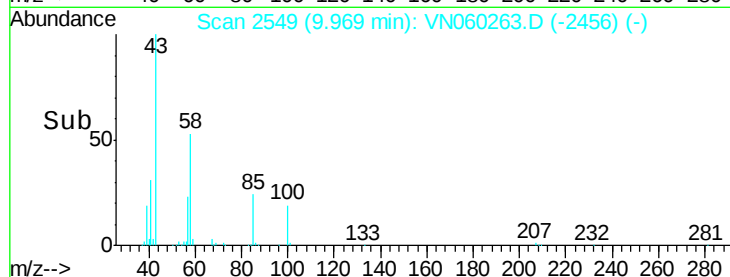
100000

50000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 18.20 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN060263.D

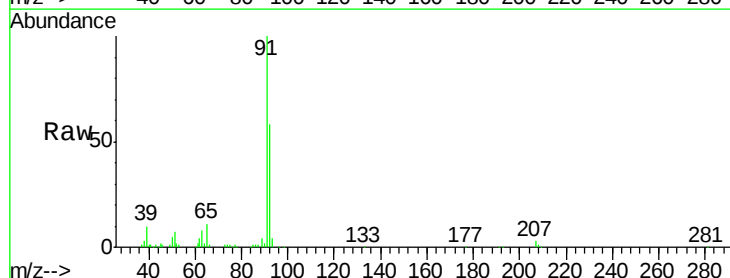
Acq: 27 Feb 2020 11:06

Tgt Ion: 92 Resp: 117187

Ion Ratio Lower Upper

92 100

91 173.5 138.1 207.1



Abundance Ion 92.00 (91.70 to 92.70): VN060264.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN060264.D (-2588) (-)

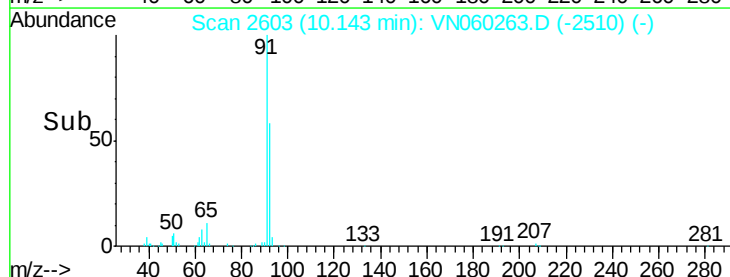
100000

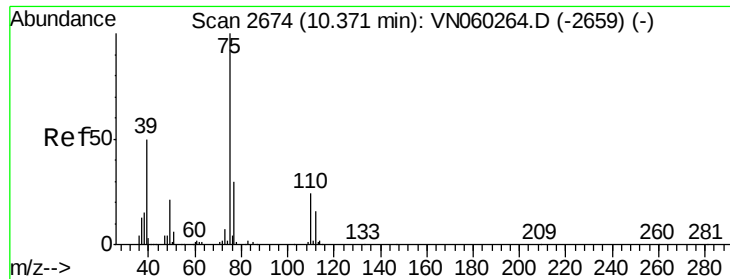
50000

0

10.05 10.10 10.15 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.22 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

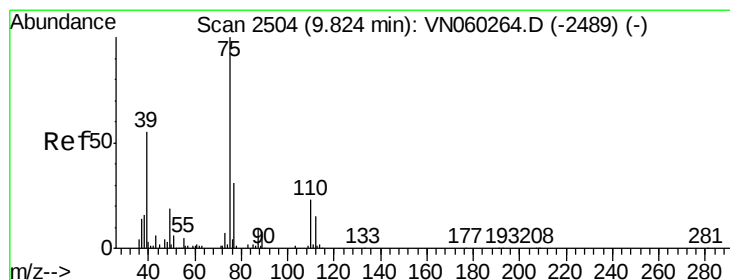
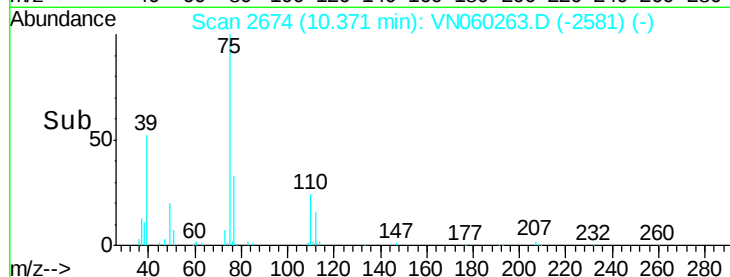
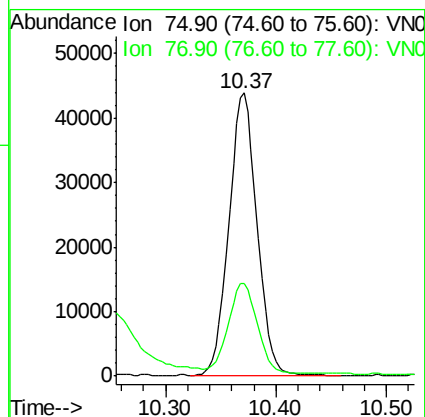
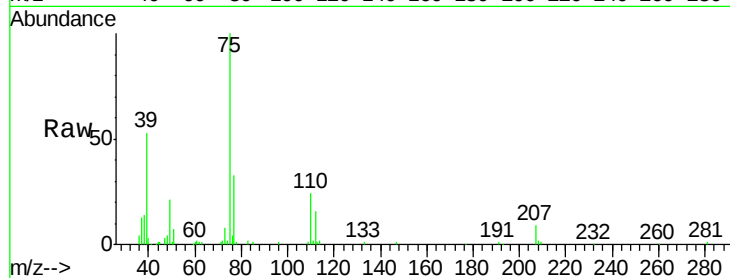
VSTDIC020

Tgt Ion: 75 Resp: 77964

Ion Ratio Lower Upper

75 100

77 31.7 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 19.52 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

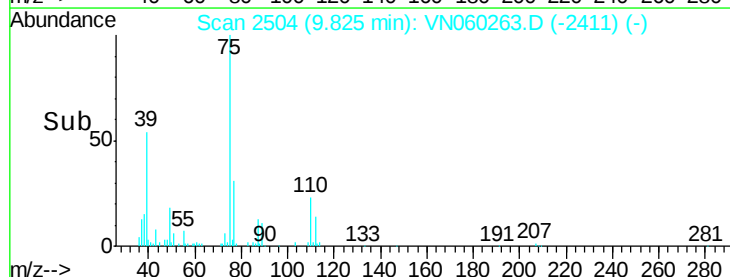
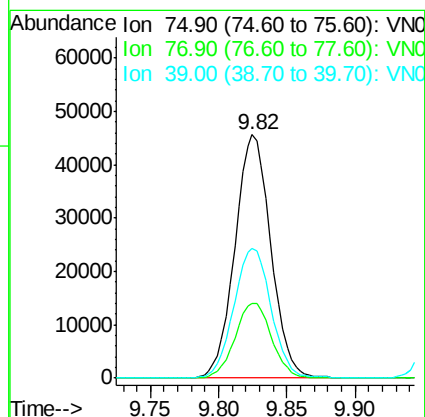
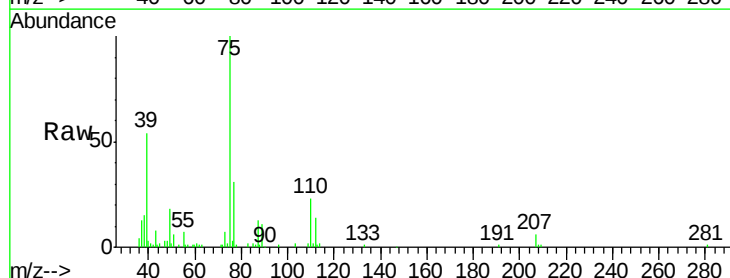
Tgt Ion: 75 Resp: 83457

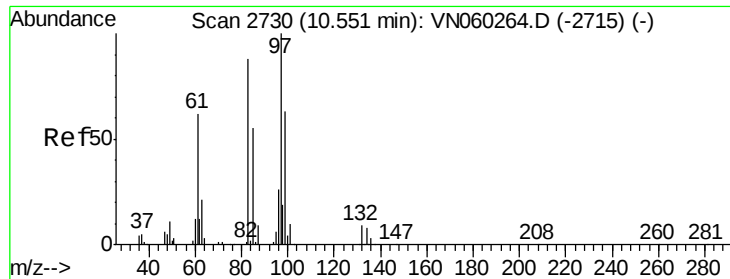
Ion Ratio Lower Upper

75 100

77 30.9 24.8 37.2

39 53.5 43.8 65.8

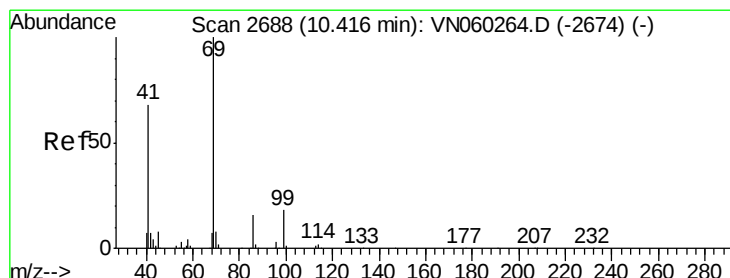
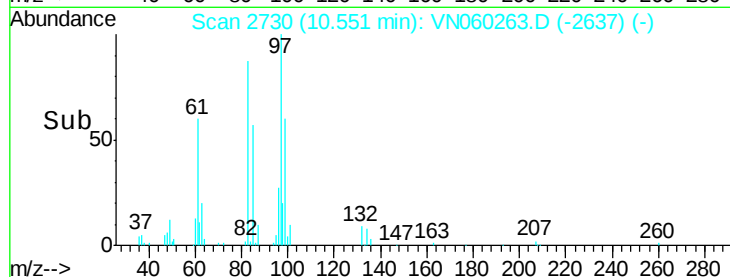
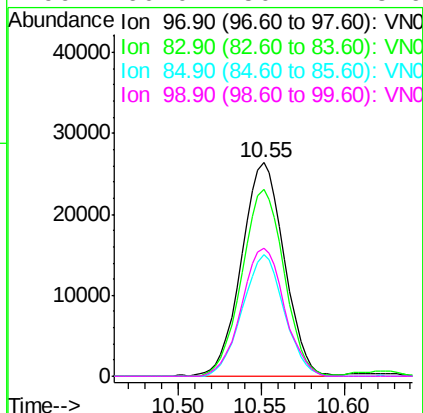
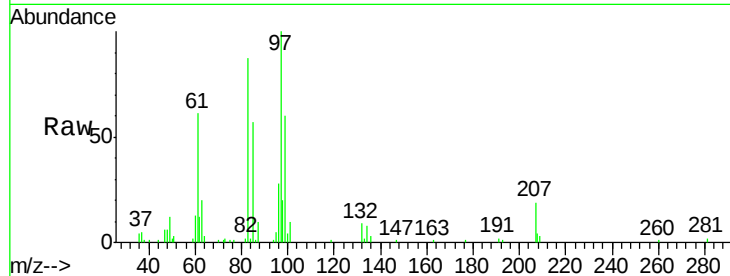




#55
 1,1,2-Trichloroethane
 Concen: 18.84 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN060263.D
 Acq: 27 Feb 2020 11:06

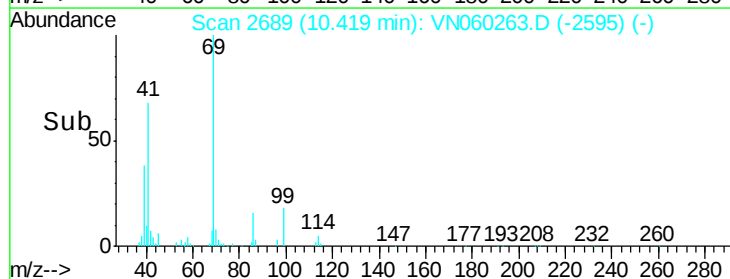
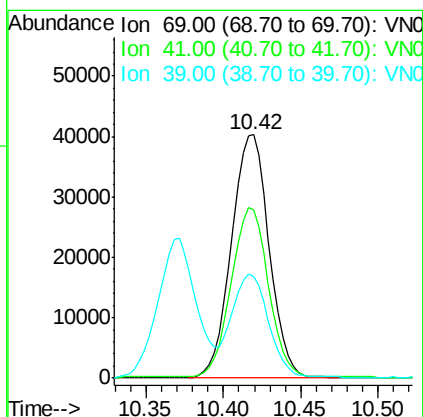
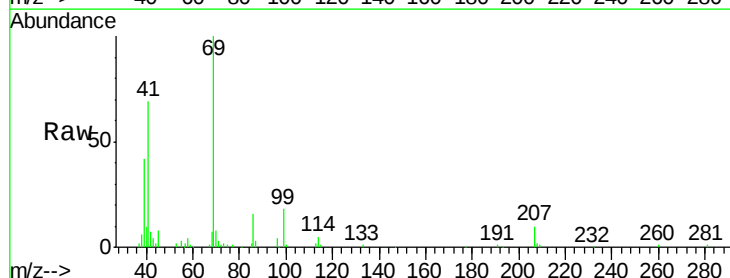
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

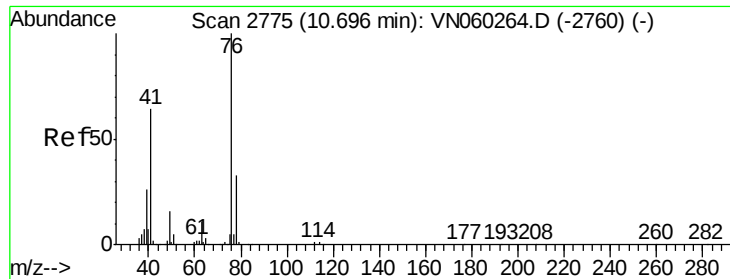
Tgt Ion:	97	Resp:	47361
Ion	Ratio	Lower	Upper
97	100		
83	87.3	70.0	105.0
85	56.9	44.0	66.0
99	60.0	50.4	75.6



#56
 Ethyl methacrylate
 Concen: 19.01 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. 0.00 min
 Lab File: VN060263.D
 Acq: 27 Feb 2020 11:06

Tgt Ion:	69	Resp:	68120
Ion	Ratio	Lower	Upper
69	100		
41	68.6	54.1	81.1
39	43.4	32.5	48.7

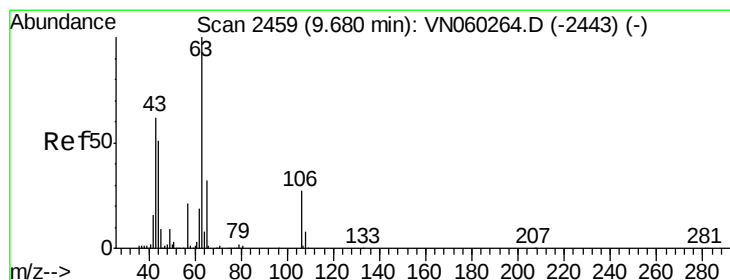
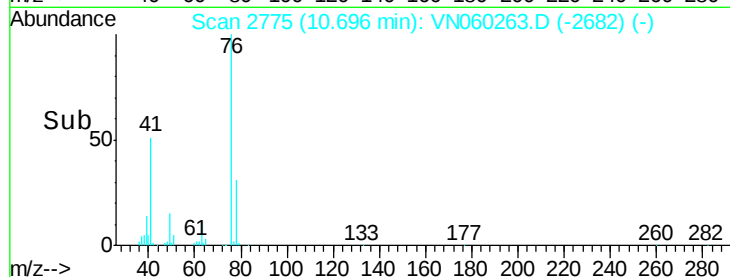
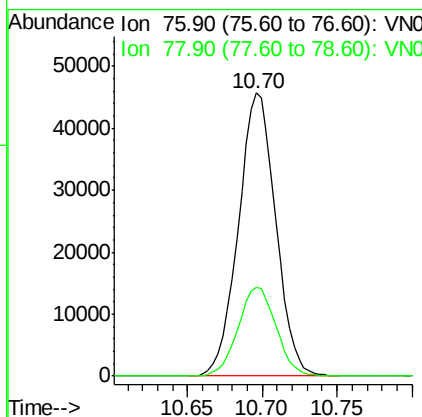
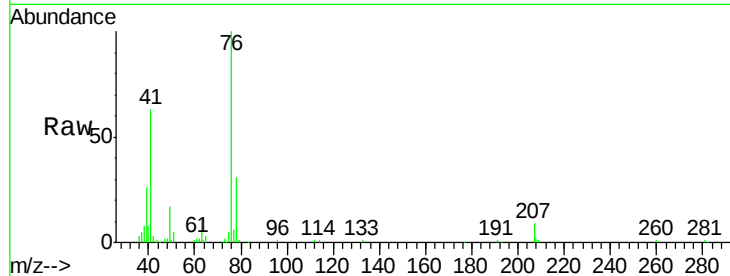




#57
 1,3-Dichloropropane
 Concen: 19.00 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. 0.00 min
 Lab File: VN060263.D
 Acq: 27 Feb 2020 11:06

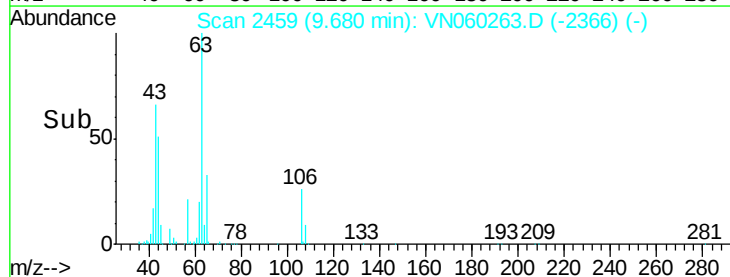
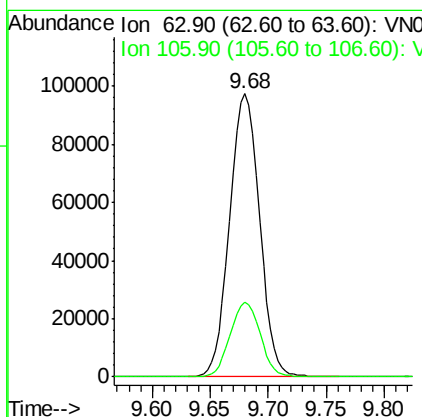
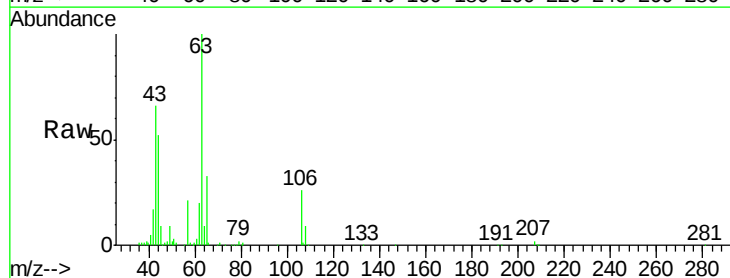
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

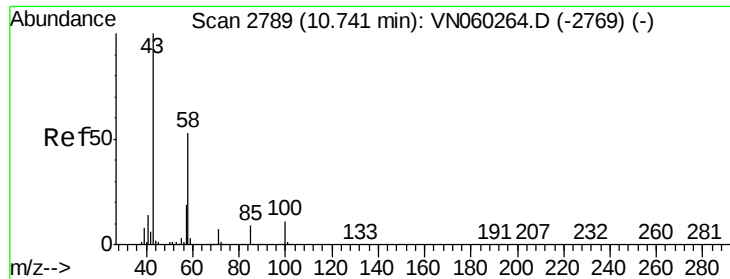
Tgt Ion: 76 Resp: 79263
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.76 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: VN060263.D
 Acq: 27 Feb 2020 11:06

Tgt Ion: 63 Resp: 174229
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.1 31.7

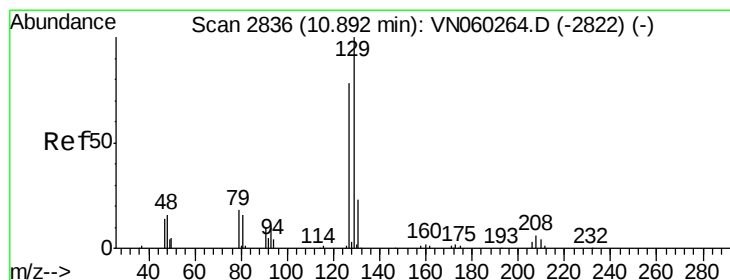
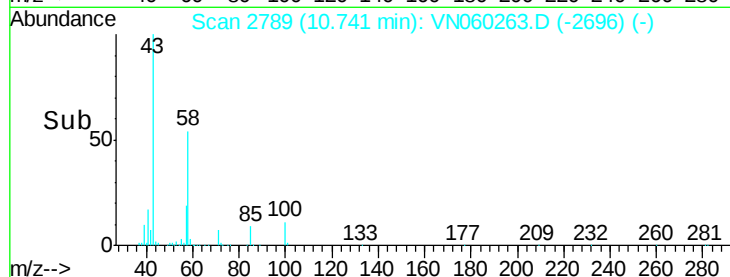
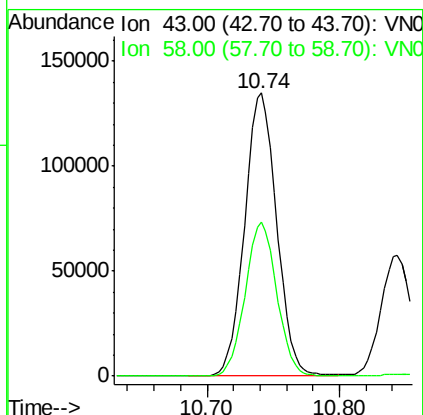
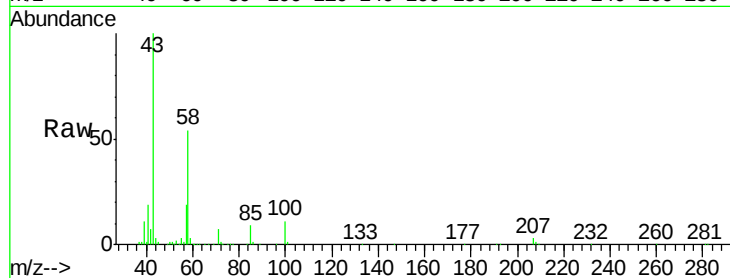




#59
2-Hexanone
Concen: 96.72 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN060263.D
Acq: 27 Feb 2020 11:06

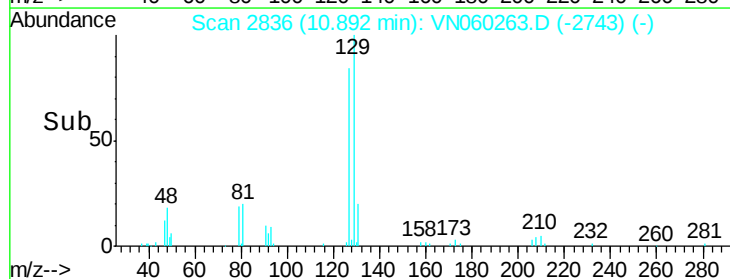
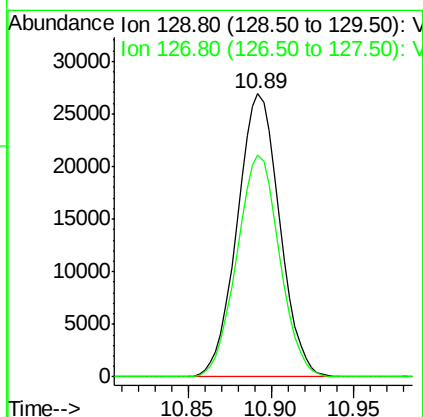
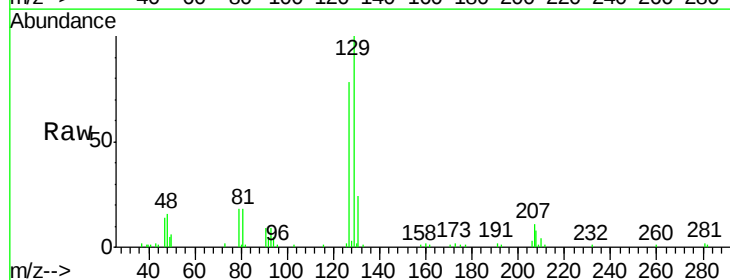
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

Tgt Ion: 43 Resp: 226181
Ion Ratio Lower Upper
43 100
58 53.7 26.5 79.5



#60
Dibromochloromethane
Concen: 16.89 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060263.D
Acq: 27 Feb 2020 11:06

Tgt Ion: 129 Resp: 48031
Ion Ratio Lower Upper
129 100
127 78.5 38.9 116.7





#61

1,2-Dibromoethane

Concen: 17.96 ug/l

RT: 10.99 min Scan# 2868

Delta R.T. -0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

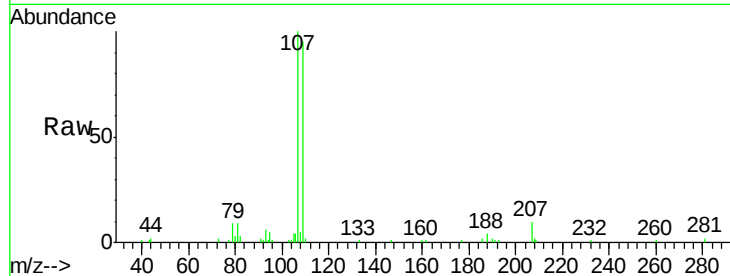
VSTDIC020

Tgt Ion: 107 Resp: 46949

Ion Ratio Lower Upper

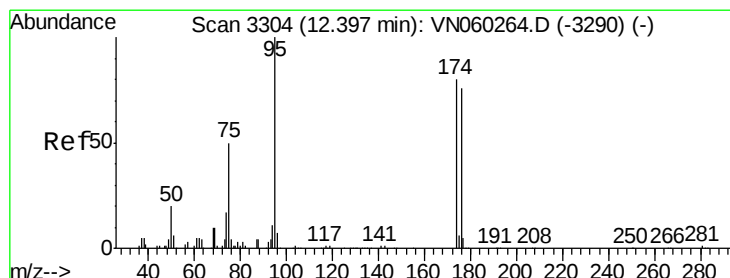
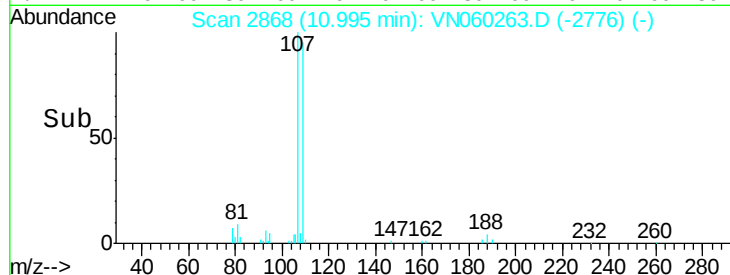
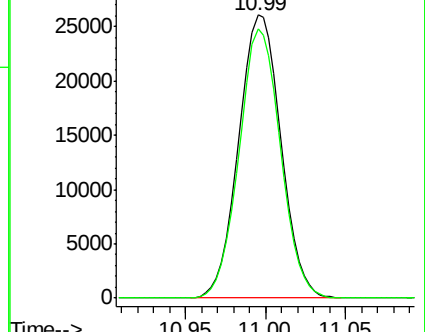
107 100

109 93.3 76.8 115.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 19.50 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

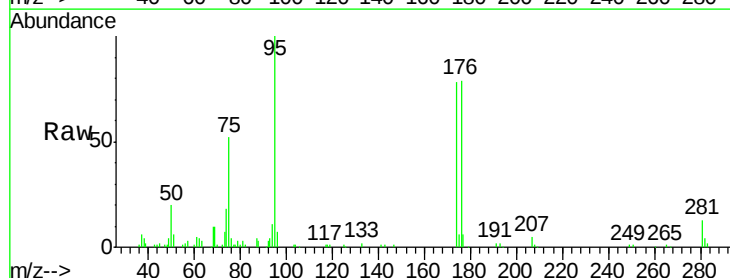
Tgt Ion: 95 Resp: 62976

Ion Ratio Lower Upper

95 100

174 81.4 0.0 159.2

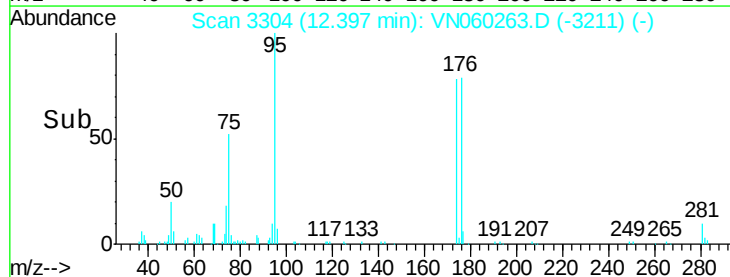
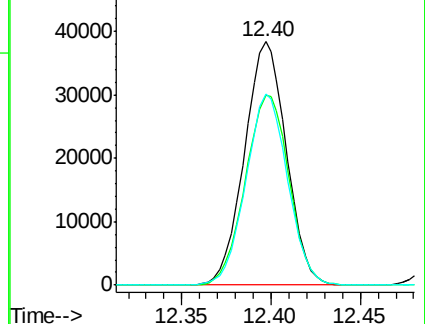
176 78.7 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

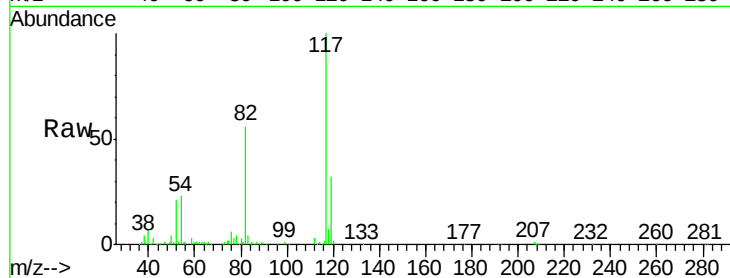
Tgt Ion:117 Resp: 335269

Ion Ratio Lower Upper

117 100

82 55.7 45.8 68.6

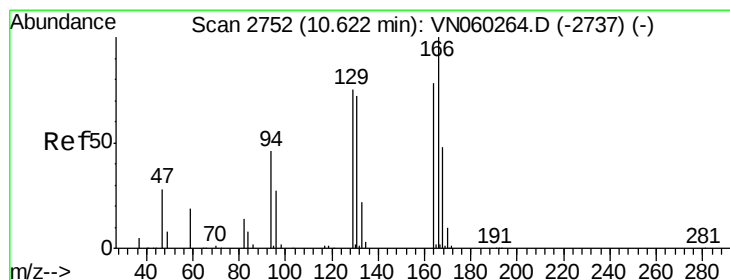
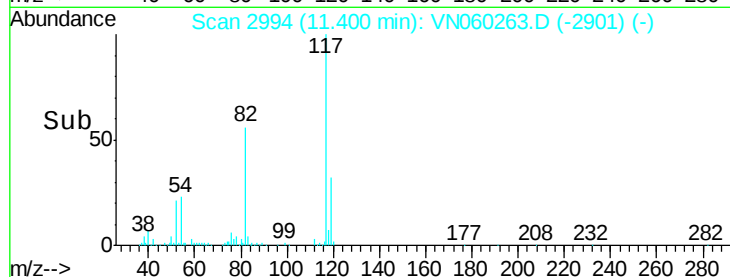
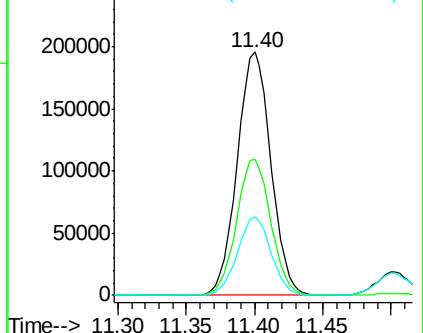
119 32.1 25.8 38.8



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: 20.72 ug/l

RT: 10.62 min Scan# 2752

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

Tgt Ion:164 Resp: 53697

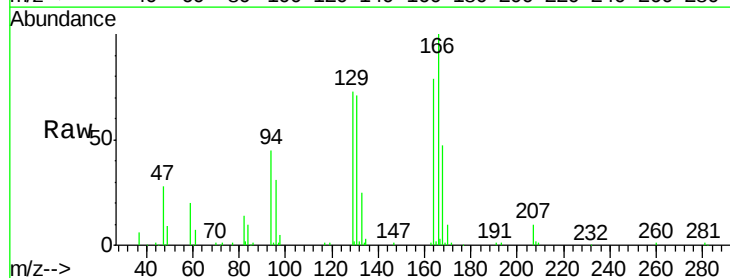
Ion Ratio Lower Upper

164 100

166 127.0 102.0 153.0

129 92.4 76.4 114.6

131 90.4 73.6 110.4

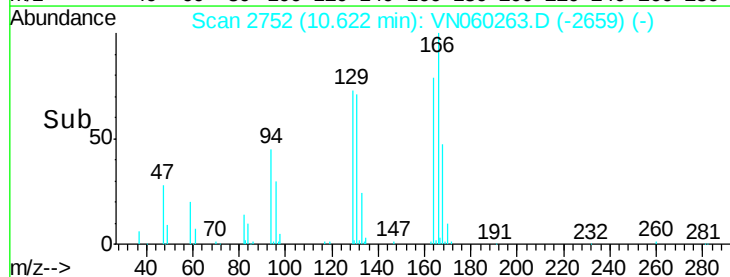
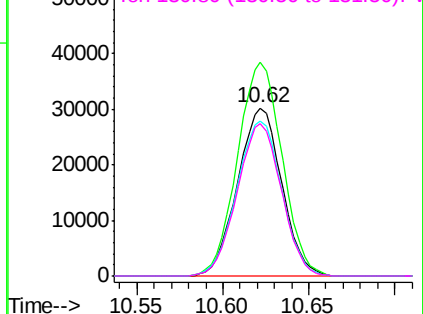


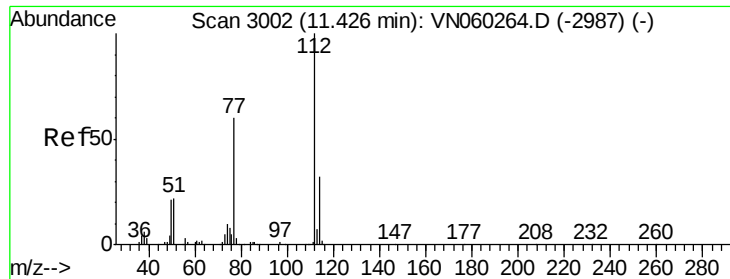
Abundance Ion 163.80 (163.50 to 164.50): V

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: 18.22 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

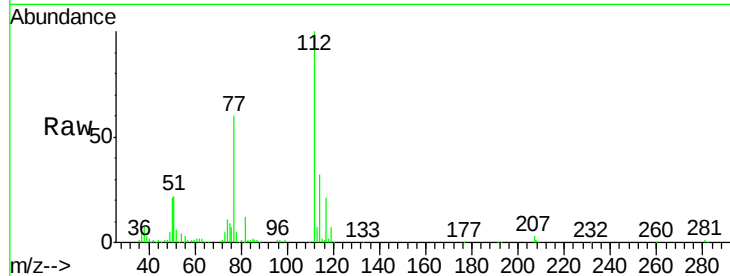
VSTDIC020

Tgt Ion:112 Resp: 123805

Ion Ratio Lower Upper

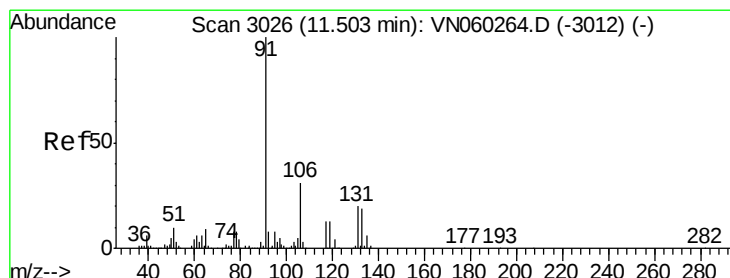
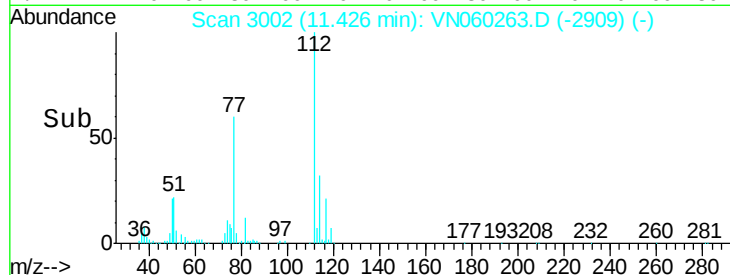
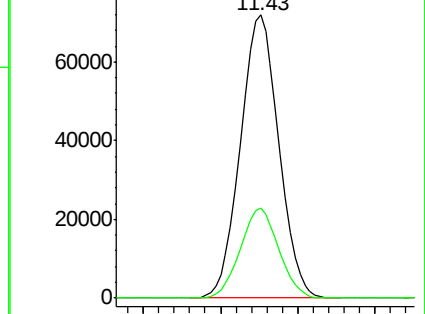
112 100

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



#66

1,1,1,2-Tetrachloroethane

Concen: 18.26 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

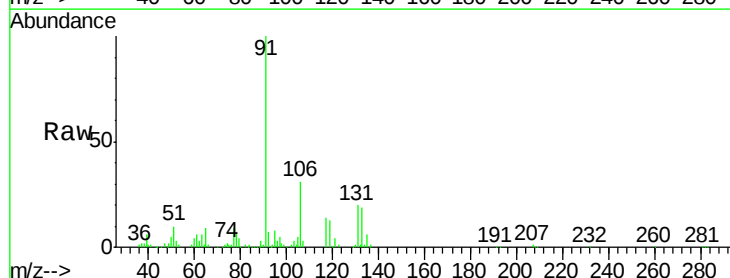
Tgt Ion:131 Resp: 46850

Ion Ratio Lower Upper

131 100

133 95.5 47.7 143.1

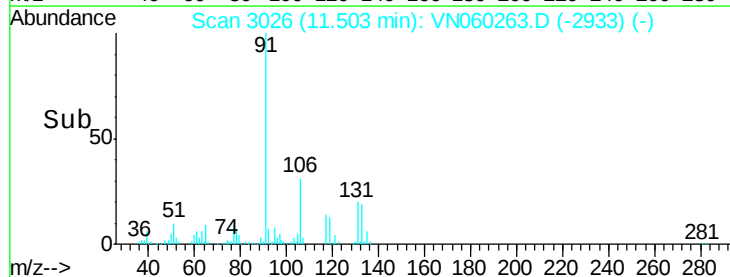
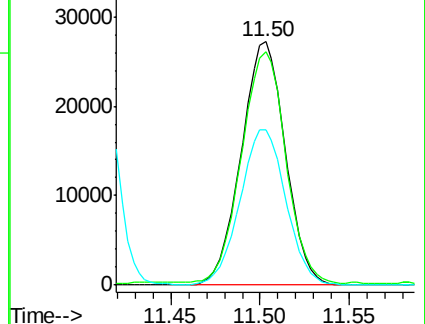
119 66.3 33.2 99.6

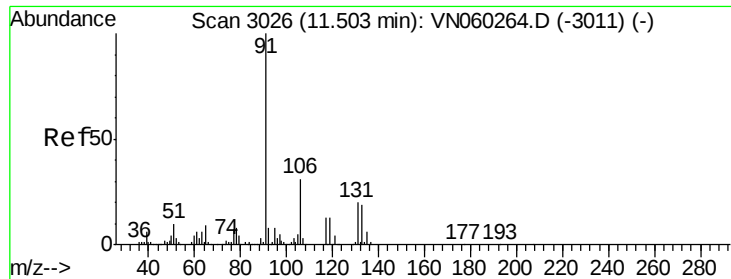


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

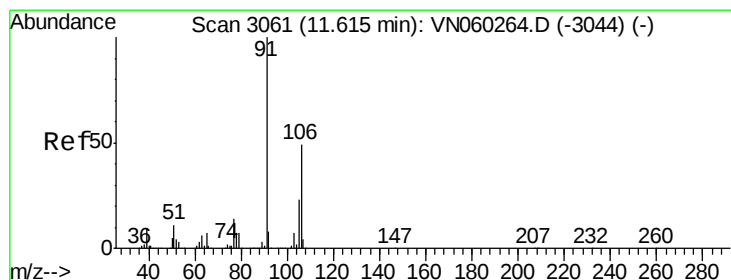
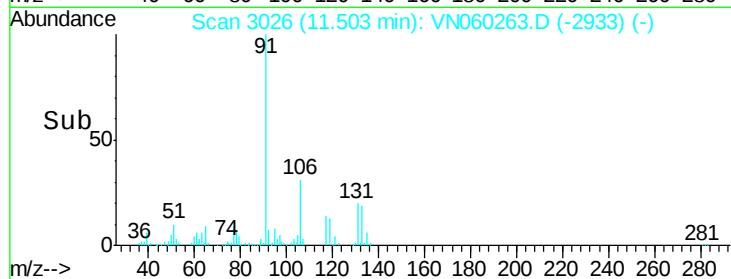
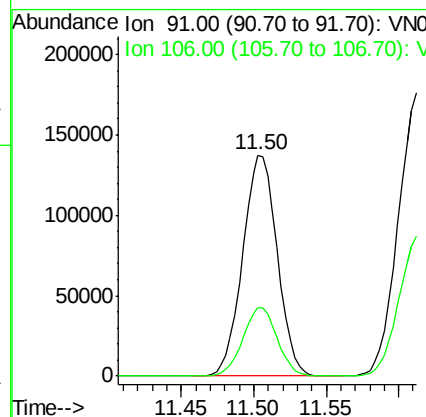
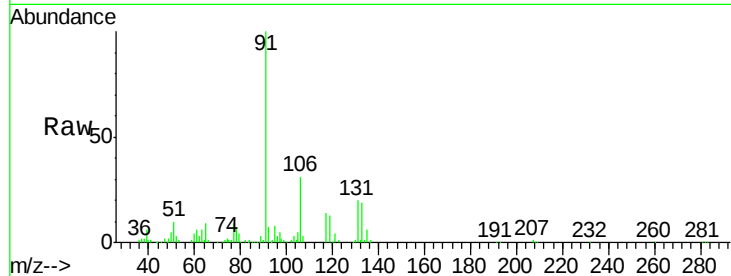




#67
Ethyl Benzene
Concen: 18.52 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060263.D
Acq: 27 Feb 2020 11:06

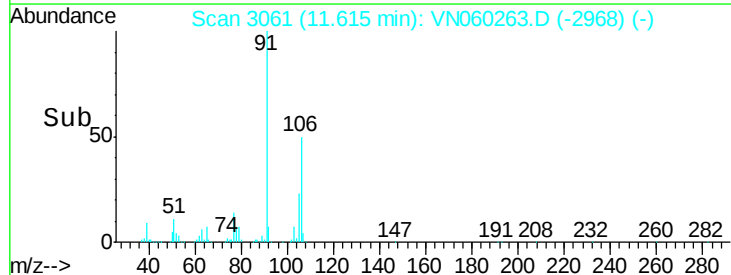
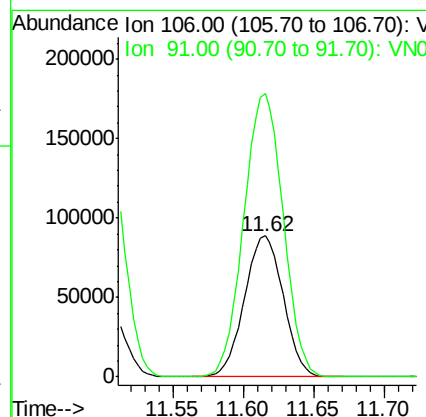
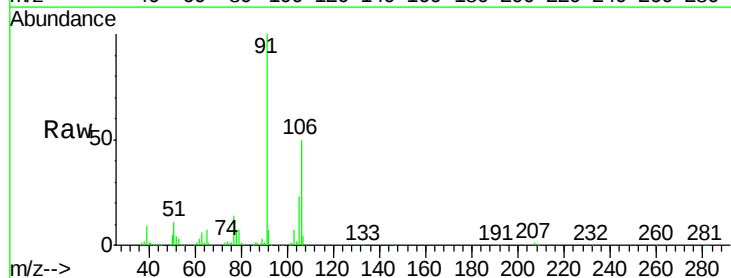
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

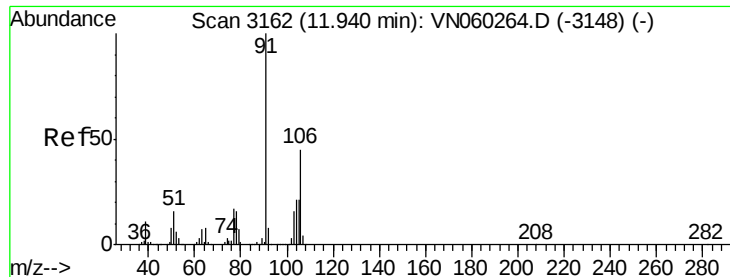
Tgt Ion: 91 Resp: 227789
Ion Ratio Lower Upper
91 100
106 31.1 24.7 37.1



#68
m/p-Xylenes
Concen: 37.17 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN060263.D
Acq: 27 Feb 2020 11:06

Tgt Ion: 106 Resp: 171192
Ion Ratio Lower Upper
106 100
91 203.8 164.5 246.7

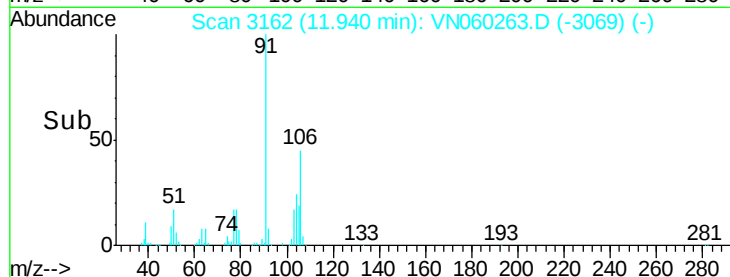
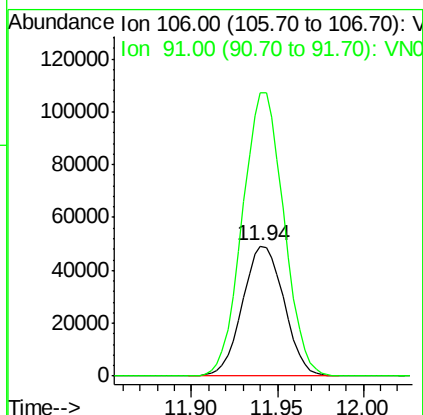
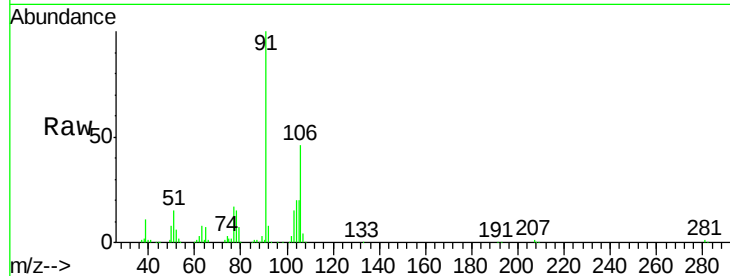




#69
o-Xylene
Concen: 18.67 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060263.D
Acq: 27 Feb 2020 11:06

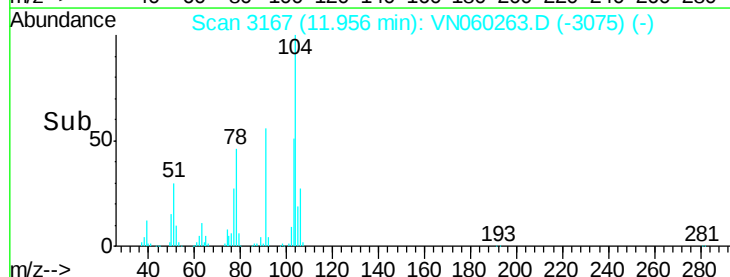
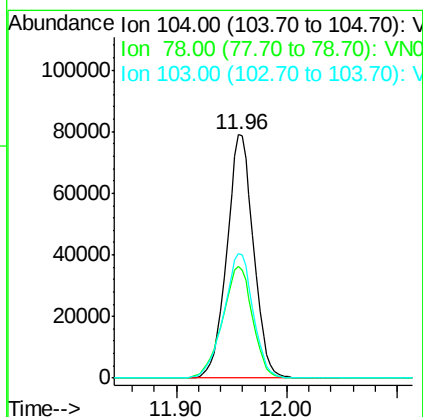
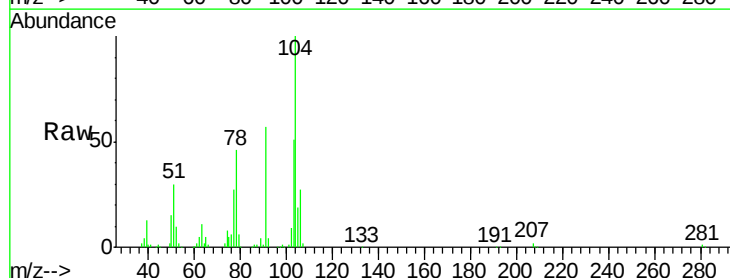
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

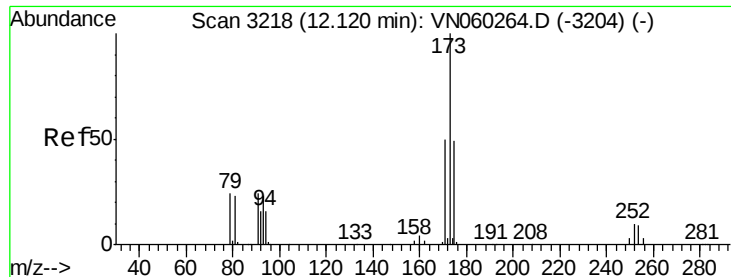
Tgt Ion:106 Resp: 82746
Ion Ratio Lower Upper
106 100
91 216.9 109.5 328.4



#70
Styrene
Concen: 18.48 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060263.D
Acq: 27 Feb 2020 11:06

Tgt Ion:104 Resp: 132287
Ion Ratio Lower Upper
104 100
78 51.6 41.2 61.8
103 56.4 43.9 65.9





#71

Bromoform

Concen: 16.29 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

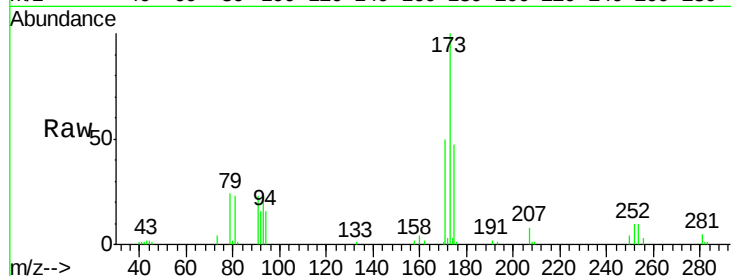
Tgt Ion:173 Resp: 33176

Ion Ratio Lower Upper

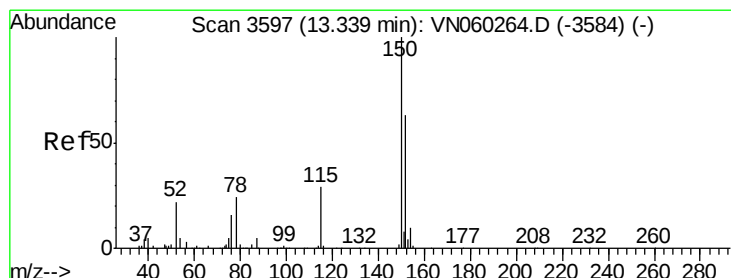
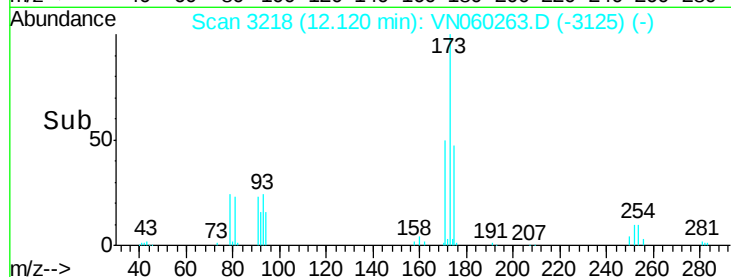
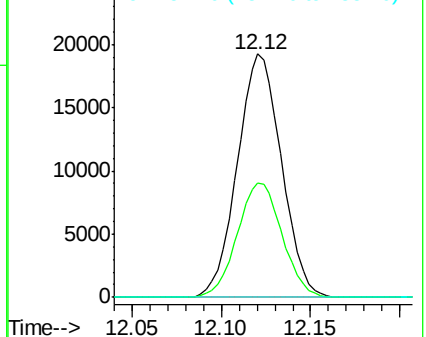
173 100

175 47.6 24.1 72.2

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

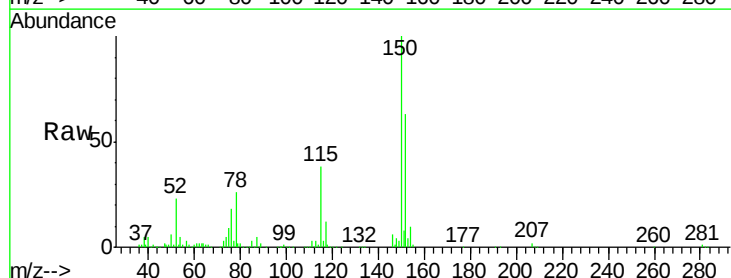
Tgt Ion:152 Resp: 160494

Ion Ratio Lower Upper

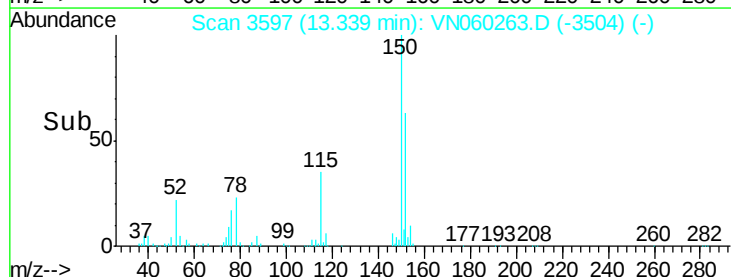
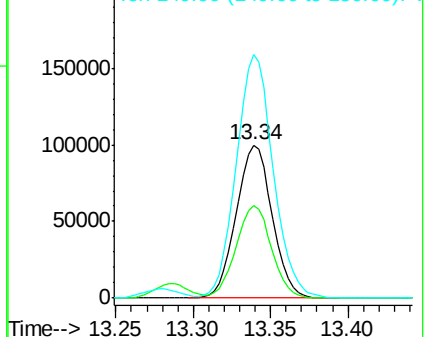
152 100

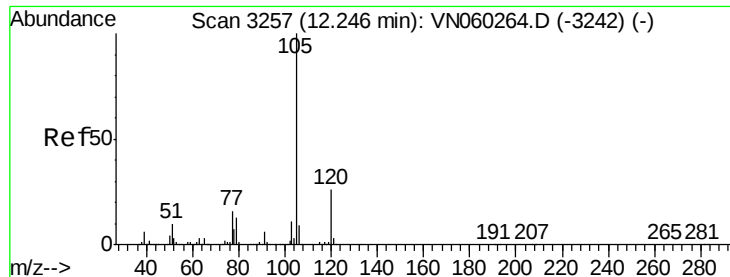
115 60.2 30.0 90.0

150 164.4 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: 18.61 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

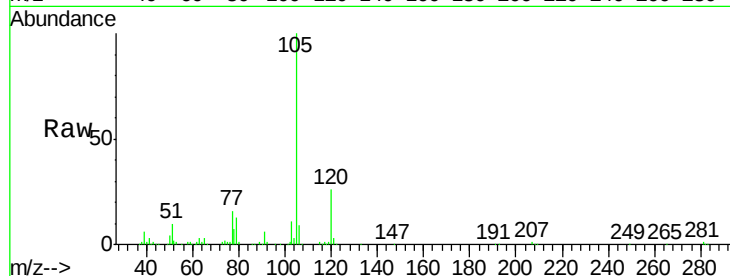
VSTDIC020

Tgt Ion: 105 Resp: 223395

Ion Ratio Lower Upper

105 100

120 25.7 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

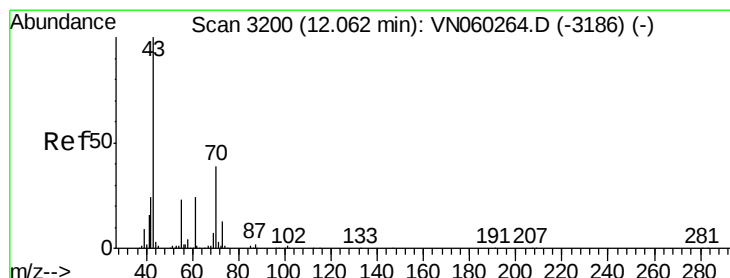
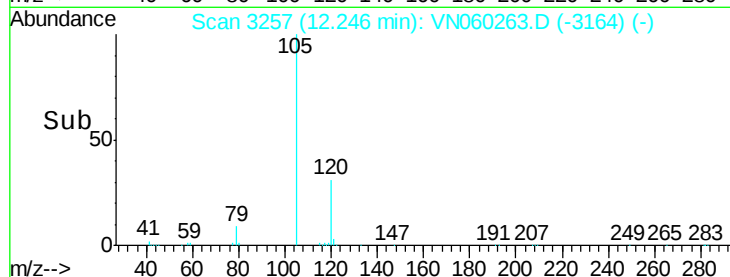
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 21.49 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

Tgt Ion: 43 Resp: 94985

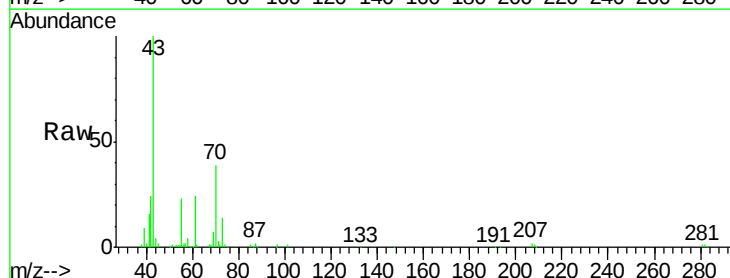
Ion Ratio Lower Upper

43 100

70 39.4 32.2 48.2

55 23.4 18.2 27.4

61 23.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.06

80000

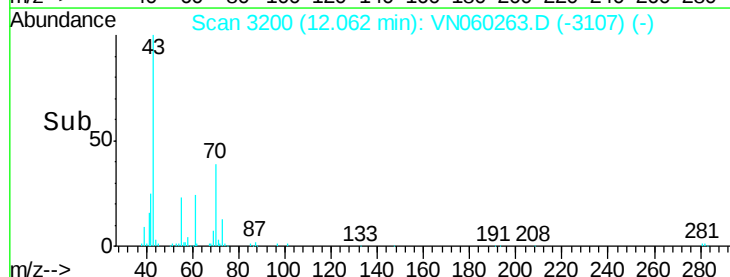
60000

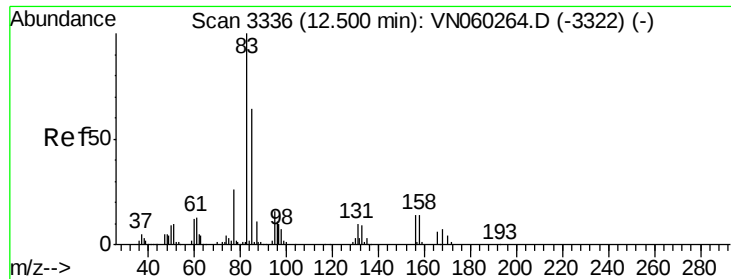
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.18 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

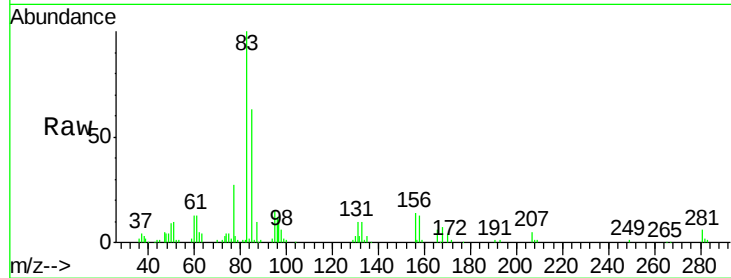
Tgt Ion: 83 Resp: 62095

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

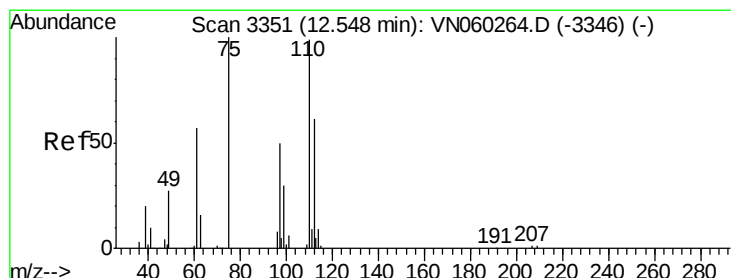
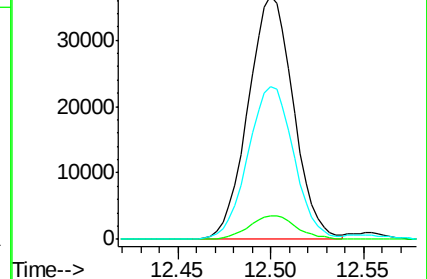
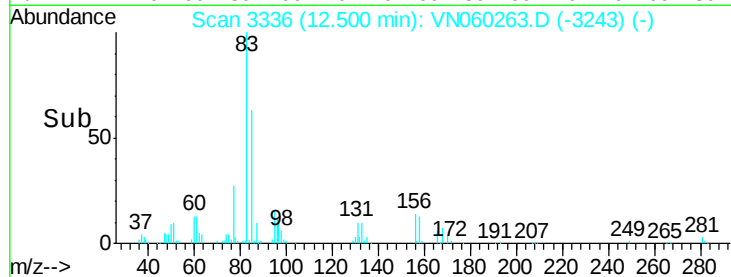
85 63.8 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN060263.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060263.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060263.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 29.57 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VN060263.D

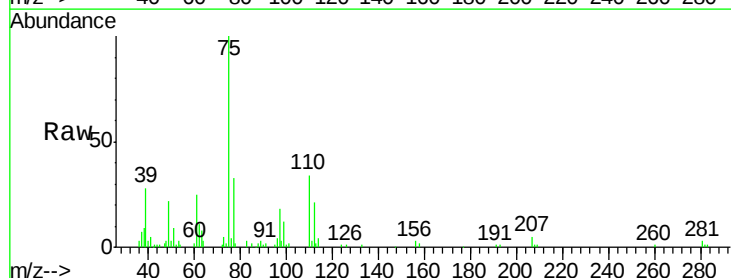
Acq: 27 Feb 2020 11:06

Tgt Ion: 75 Resp: 91352

Ion Ratio Lower Upper

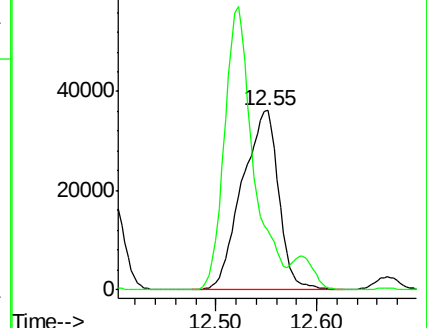
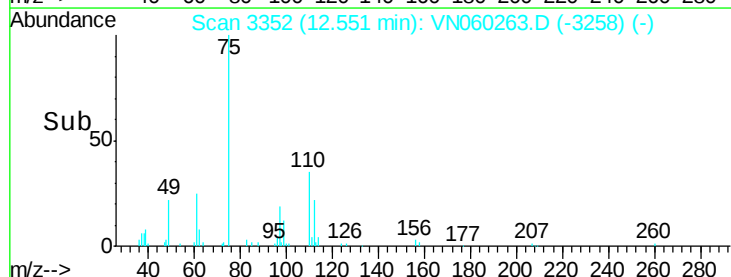
75 100

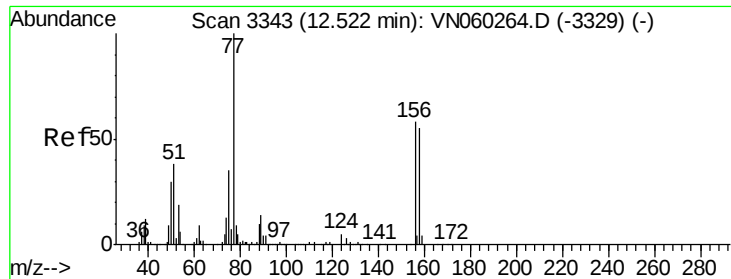
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060263.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060263.D (-3258) (-)





#77

Bromobenzene

Concen: 18.15 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

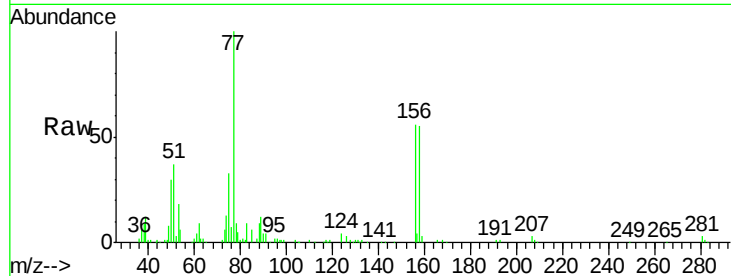
Tgt Ion:156 Resp: 53800

Ion Ratio Lower Upper

156 100

77 213.1 106.1 318.3

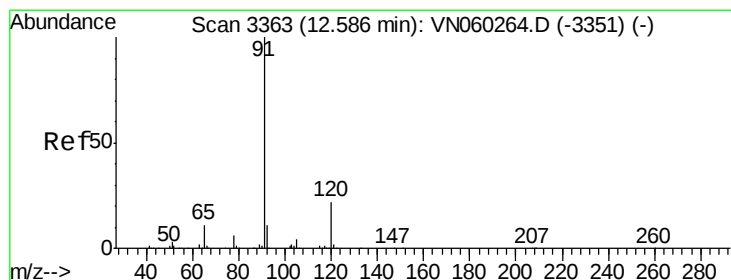
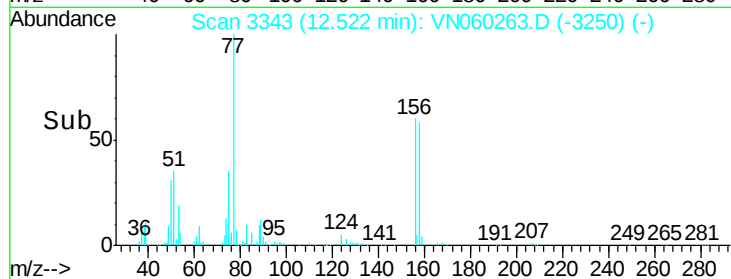
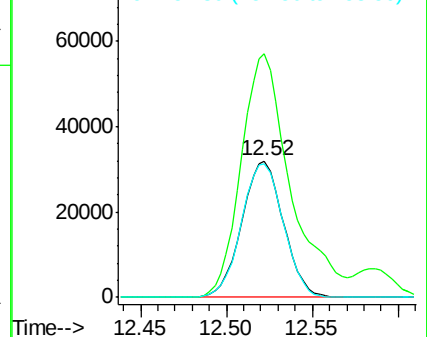
158 98.8 48.3 144.8



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: 18.99 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060263.D

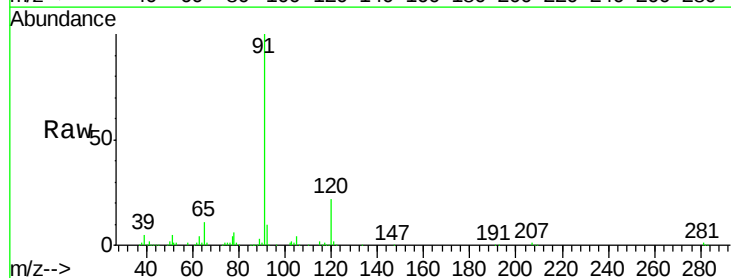
Acq: 27 Feb 2020 11:06

Tgt Ion: 91 Resp: 260626

Ion Ratio Lower Upper

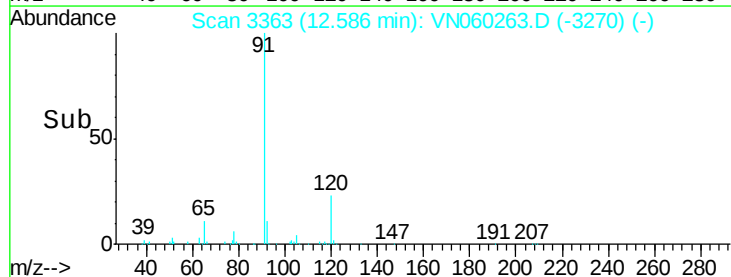
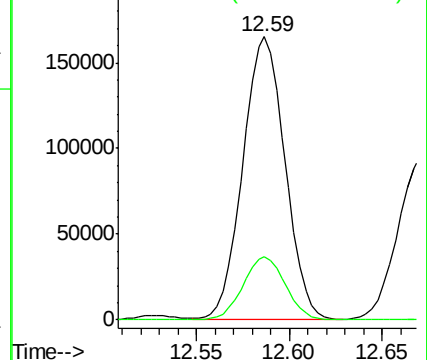
91 100

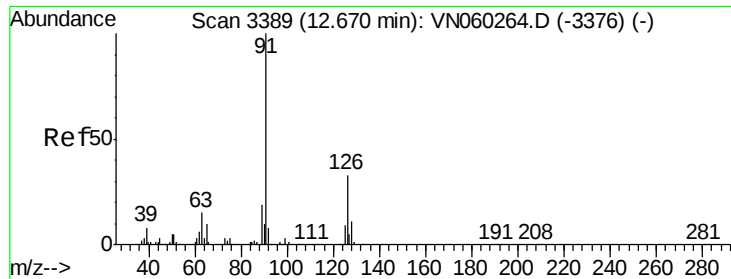
120 22.4 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.93 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

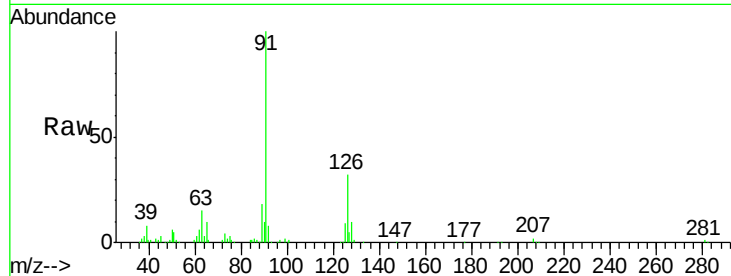
VSTDIC020

Tgt Ion: 91 Resp: 152718

Ion Ratio Lower Upper

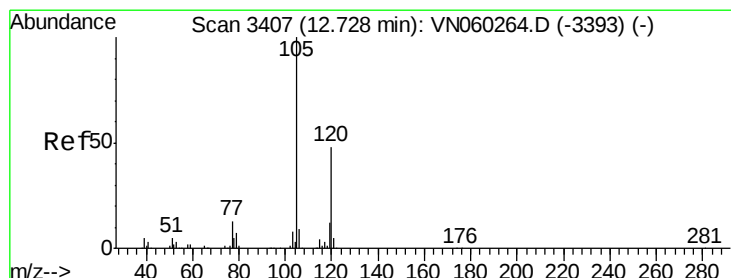
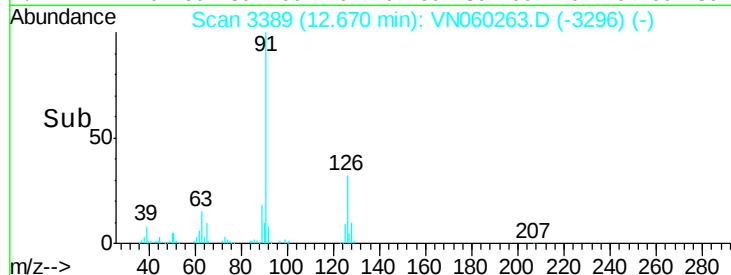
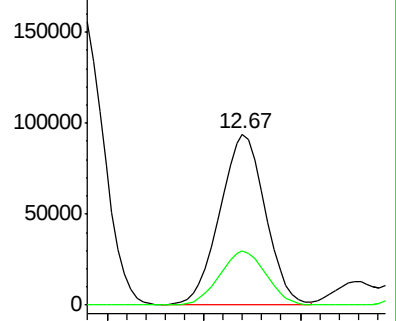
91 100

126 32.4 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN060263.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN060263.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.87 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN060263.D

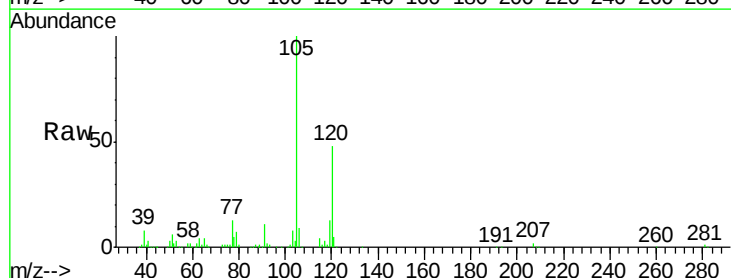
Acq: 27 Feb 2020 11:06

Tgt Ion: 105 Resp: 188627

Ion Ratio Lower Upper

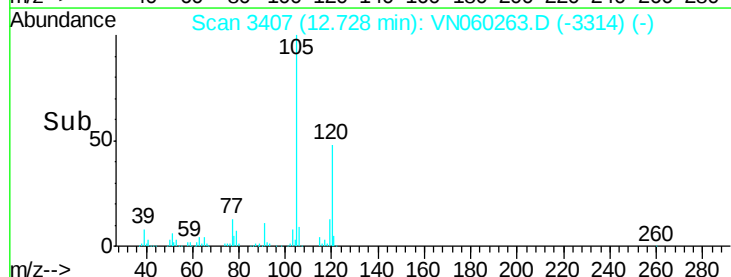
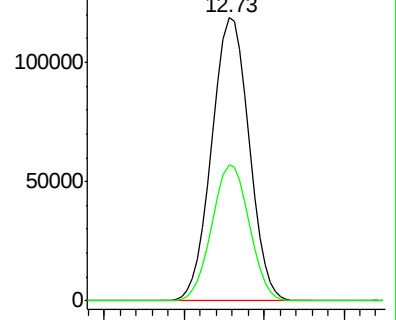
105 100

120 48.2 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN060263.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN060263.D (-3393) (-)

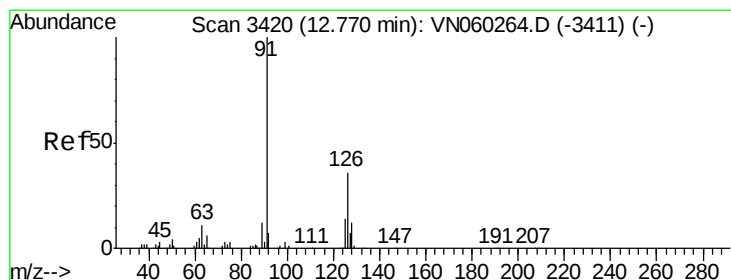
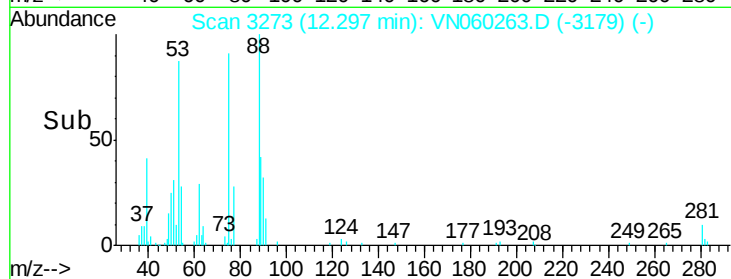
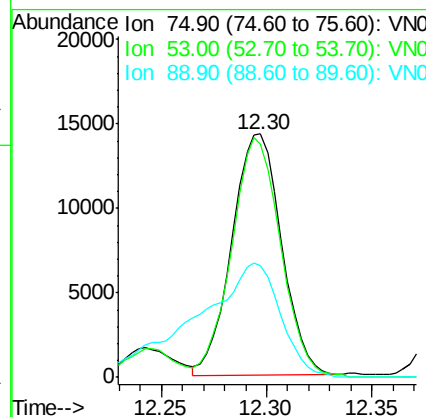
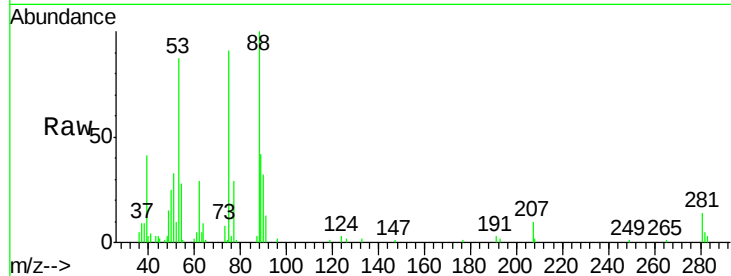




#81
trans-1,4-Dichloro-2-butene
Concen: 18.49 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. 0.00 min
Lab File: VN060263.D
Acq: 27 Feb 2020 11:06

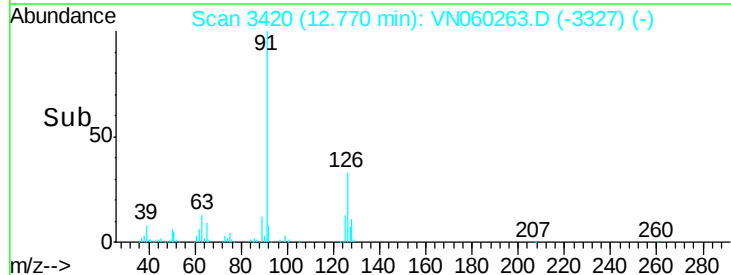
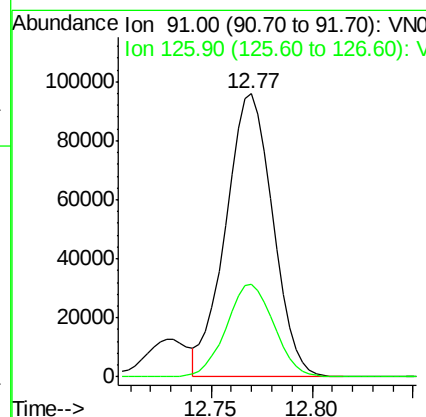
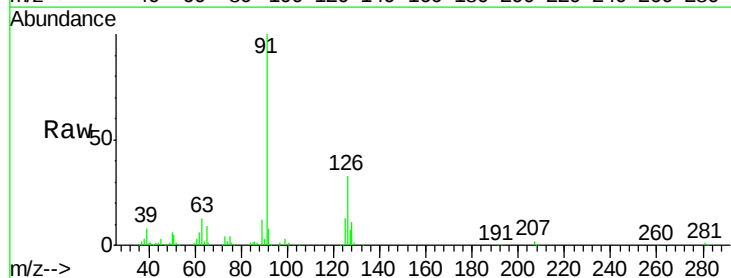
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

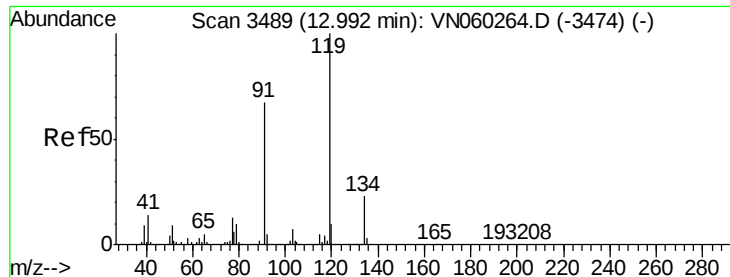
Tgt Ion: 75 Resp: 23333
Ion Ratio Lower Upper
75 100
53 98.7 73.8 110.6
89 82.2 57.1 85.7



#82
4-Chlorotoluene
Concen: 18.85 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN060263.D
Acq: 27 Feb 2020 11:06

Tgt Ion: 91 Resp: 156005
Ion Ratio Lower Upper
91 100
126 33.2 16.7 50.1





#83

tert-Butylbenzene

Concen: 18.19 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. -0.00 min

Lab File: VN060263.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

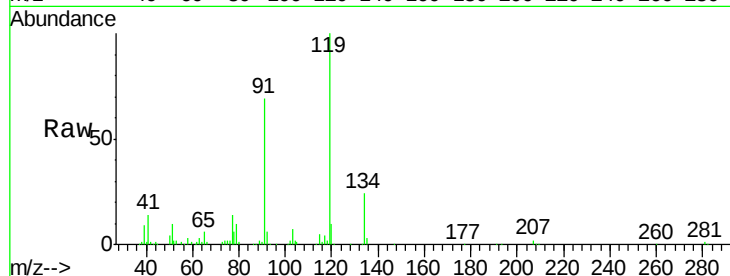
Tgt Ion:119 Resp: 160975

Ion Ratio Lower Upper

119 100

91 66.8 33.1 99.2

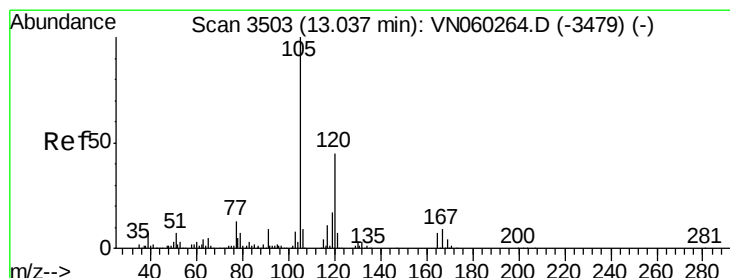
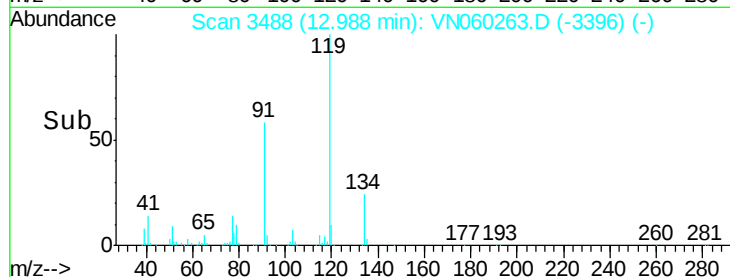
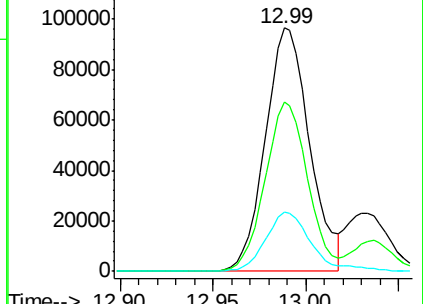
134 25.1 12.4 37.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.23 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN060263.D

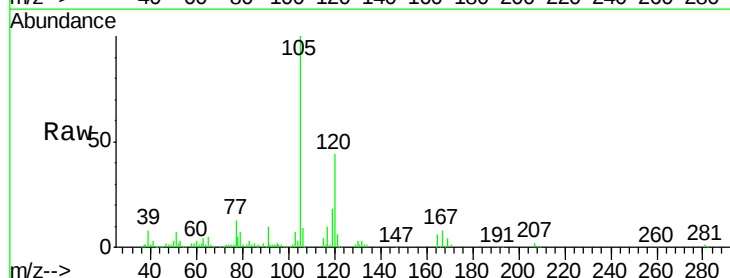
Acq: 27 Feb 2020 11:06

Tgt Ion:105 Resp: 189755

Ion Ratio Lower Upper

105 100

120 44.1 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

